Engineering a Sustainable Future

EPA Region 1 RAC 2 Contract No. EP-S1-06-03

May 14, 2013
Nobis Project No. 80018

Via Overnight Delivery

U.S. Environmental Protection Agency
Attention: Ms. Almerinda Silva, Task Order Project Officer
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3919

Subject: Final Remedial Investigation Report
Scovill Industrial Landfill Superfund Site, Waterbury, Connecticut
Remedial Investigation/Feasibility Study
EPA Task Order No. 0018-RI-CO-017F

Dear Ms Silva:

Enclosed for EPA review is a CD containing a pdf version of the Final Remedial Investigation (RI) Report for the Scovill Industrial Landfill Superfund Site in Waterbury, Connecticut. This report documents the investigations completed to date to determine the nature and extent of contamination from the landfilling of Scovill waste on the Site as well as assessing the fate and transport of associated contaminants. We have incorporated the comments provided by EPA, CTDEEP and CTDPH on the Draft RI into this final version.

Should you have any questions or comments, please contact me at (978) 703-6006, or ballen@nobiseng.com.

Sincerely,

NOBIS ENGINEERING, INC.

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Remedial Investigation

Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Remedial Investigation / Feasibility Study
EPA Task Order No. 0018-RI-CO-017F

REMEDIAL ACTION CONTRACT
No. EP-S1-06-03

FOR

US Environmental Protection Agency
Region 1

BY

Nobis Engineering, Inc.

Nobis Project No. 80018

May 2013

U.S. Environmental Protection Agency

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March 2013

Boyd Allen III, P.G.
Senior Project Manager

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Project Scientist

TABLE OF CONTENTS
REMEDIAL INVESTIGATION
SCOVILL INDUSTRIAL LANDFILL SUPERFUND SITE
WATERBURY, CONNECTICUT

SECTION **PAGE**

ACRONYM AND ABBREVIATIONS LIST AC-1

ES EXECUTIVE SUMMARY ES-1

1.0 INTRODUCTION 1
1.1 Work Assignment and Report Purpose 1
1.2 Site Background 2
1.2.1 Site Location and Description 2
1.3 Site History and Previous Investigations and Remedial Actions 2
1.4 Report Organization 6

2.0 SITE INVESTIGATION PROGRAM 7
2.0.1 Field Investigation Objectives 7
2.0.2 Data Quality Objectives 7
2.0.3 Activities Completed 8
2.1 Analytical Technical Approach 8
2.1.1 Field Screening and Mobile Laboratory Analyses 8
2.1.2 Field Laboratory Analysis 9
2.1.3 Fixed Laboratory Analysis 9
2.1.4 Data Validation 11
2.2 Field Investigations and Technical Approach 12
2.2.1 Horizontal and Vertical Surveying 12
2.2.2 Surface Soil Investigations 13
2.2.3 Subsurface Soil Investigations 14
2.2.3.1 Soil Borings 14
2.2.3.2 Monitoring Well Installations 15
2.3 Aquifer Investigations 16
2.3.1 Water Level Measurement 16
2.3.2 Rising and Falling Head Tests 16
2.3.3 Groundwater Sample Collection and Analysis 18

3.0 SITE CHARACTERISTICS 19
3.1 Surface Features 19
3.2 Meteorology 19
3.3 Surface Water Hydrogeology 20
3.4 Geology 22
3.4.1 Surficial Deposits 22
3.4.2 Bedrock 23
3.5 Hydrogeology 23
3.5.1 Permeability Tests 23
3.5.2 Groundwater Levels and Potentiometric Levels 24
3.5.3 Hydraulic Gradients 25
3.5.4 Horizontal Flow 25

TABLE OF CONTENTS (cont.)
REMEDIAL INVESTIGATION
SCOVILL INDUSTRIAL LANDFILL SUPERFUND SITE
WATERBURY, CONNECTICUT

SECTION **PAGE**

3.5.6 Vertical Flow 25
3.5.7 Site Hydrogeological Summary 26
3.6 Demography and Land Use 27
3.7 Ecology 28

4.0 NATURE AND EXTENT OF CONTAMINATION 29
4.1 Potential Source Descriptions 32
4.2 Soil Analysis Results and Interpretation 33
4.2.1 Organic Compounds in Soil 33
4.2.1.1 VOCs in Soil 33
4.2.1.2 SVOCs in Soil 36
4.2.1.3 Pesticides in Soil 39
4.2.1.4 PCBs in Soil 40
4.2.1.5 Dioxins/Furans in Soil 41
4.2.1.6 Inorganics in Soil 42
4.2.1.7 Total Organic Carbon in Soil and Engineering Parameters ... 51
4.2.1.8 Asbestos Debris 52
4.2.2 Soil Contamination Assessment Summary 52
4.3 Groundwater Analysis Results and Interpretation 54
4.3.1 Overburden Organic Compounds 55
4.3.1.1 VOCs in Overburden Groundwater 55
4.3.1.2 SVOCs in Overburden Groundwater 57
4.3.1.3 Pesticides in Overburden Groundwater 58
4.3.1.4 PCBs in Overburden Groundwater 59
4.3.2 Overburden Inorganic Compounds 59
4.3.3 Bedrock Organic Compounds 60
4.3.3.1 VOCs Bedrock Groundwater 60
4.3.3.2 SVOCs Bedrock Groundwater 60
4.3.3.3 Pesticides in Bedrock Groundwater 60
4.3.3.4 PCBs In Bedrock Groundwater 60
4.3.4 Bedrock Inorganic Compounds 61
4.3.5 Groundwater Contamination Assessment Summary 61
4.4 Surface Water Analysis Results and Interpretation 62
4.5 Sediment Analysis Results and Interpretation 63
4.6 Soil Gas Analysis 66

5.0 CONTAMINANT FATE AND TRANSPORT 67
5.1 Fate and Transport Processes 68
5.1.1 General Fate and Transport Processes of Soil Contaminants 68
5.1.2 General Fate and Transport Processes of Groundwater Contaminants 69
5.2 Contaminant Fate and Transport in Site Soils 72
5.2.1 VOCs Fate and Transport in Soils 72

TABLE OF CONTENTS (cont.)
REMEDIAL INVESTIGATION
SCOVILL INDUSTRIAL LANDFILL SUPERFUND SITE
WATERBURY, CONNECTICUT

SECTION **PAGE**

5.2.2 SVOCs Fate and Transport in Soils 74
5.2.3 Pesticides/PCBs Fate and Transport in Soils 75
5.2.4 Dioxins and Furans Fate and Transport in Soils 76
5.2.5 Metals Fate and Transport in Soils 76
5.3 Contaminant Fate and Transport in Site Groundwater 77
5.3.1 VOCs Fate and Transport in Groundwater 77
5.3.2 SVOCs Fate and Transport in Groundwater 79
5.3.3 Pesticides/PCBs Fate and Transport in Groundwater 79
5.3.4 Inorganics Fate and Transport in Groundwater 80
5.4 Contaminant Fate and Transport Summary 80

6.0 BASELINE RISK ASSESSMENT 82
6.1 Human Health Evaluation 82
6.1.1 Uncertainty Analysis 86
6.2 Baseline Ecological Evaluation 86
6.2.1 Benthic Invertebrate Community 87
6.2.2 Water Column Invertebrate and Larval Amphibian Communities 88
6.2.3 Summary 88

7.0 CONCLUSIONS 88

8.0 REFERENCES 92

TABLES

NUMBER

1-1 Site Chronology
2-1 START, RI Phase I, and RI Phase IIA Sample Collection Summary
2-2 RI Phase III Sample Collection Summary
2-3 Monitoring Well Construction Details
2-4 Summary of Groundwater Gauging and Elevations
3-1 Groundwater Hydraulic Conductivity
3-2 Groundwater Vertical Gradients
4-1A Residential Surface Soil VOC Data Statistical Summary
4-1B Residential Surface Soil SVOC Data Statistical Summary
4-1C Residential Surface Soil Pesticide Data Statistical Summary
4-1D Residential Surface Soil PCBs Data Statistical Summary
4-1E Residential Surface Soil Metals Data Statistical Summary
4-1F Residential Surface Soil Chromium Data Statistical Summary
4-1G Residential Surface Soil SPLP Metals Data Summary

TABLE OF CONTENTS (cont.)
REMEDIAL INVESTIGATION
SCOVILL INDUSTRIAL LANDFILL SUPERFUND SITE
WATERBURY, CONNECTICUT

TABLES (cont.)

NUMBER

4-2A Commercial Surface Soil VOCs Statistical Summary
4-2B Commercial Surface Soil SVOCs Statistical Summary
4-2C Commercial Surface Soil Pesticides Statistical Summary
4-2D Commercial Surface Soil PCBs Statistical Summary
4-2E Commercial Surface Soil Metals Statistical Summary
4-2F Commercial Surface Soil Chromium Statistical Summary
4-2G Commercial Surface Soil SPLP Metals Data Summary
4-3A Residential Subsurface (2'-10') Soil VOCs Data Summary
4-3B Residential Subsurface (2'-10') Soil SVOCs Data Summary
4-3C Residential Subsurface (2'-10') Soil Pesticides Data Summary
4-3D Residential Subsurface (2'-10') Soil PCBs Data Summary
4-3E Residential Subsurface (2'-10') Soil Dioxins/Furans Data Summary
4-3F Residential Subsurface (2'-10') Soil Metals Data Summary
4-3G Residential Subsurface (2'-10') Soil SPLP Metals Data Statistical Summary
4-3H Residential Subsurface (2'-10') Soil Chromium Data Summary
4-4A Industrial/Commercial Subsurface (2'-10') Soil VOCs Data Summary
4-4B Industrial/Commercial Subsurface (2'-10') Soil SVOCs Data Summary
4-4C Industrial/Commercial Subsurface (2'-10') Soil Pesticides Data Summary
4-4D Industrial/Commercial Subsurface (2'-10') Soil PCBs Data Summary
4-4E Commercial Subsurface (2'-10') Soil Dioxins/Furans Data Statistical Summary
4-4F Commercial Subsurface (2'-10') Soil Total Metals Data Summary
4-4G Commercial Subsurface (2'-10') Soil SPLP Data Statistical Summary
4-4H Commercial Subsurface (2'-10') Soil Chromium Data Summary
4-4I Commercial Subsurface (2'-10') Soil TOC Data Statistical Summary
4-5A Residential (Greater than 10') Soil VOCs Data Results Summary
4-5B Residential (Greater than 10') Soil SVOCs Data Results Summary
4-5C Residential (Greater than 10') Soil Pesticides Data Results Summary
4-5D Residential (Greater than 10') Soil PCBs Data Results Summary
4-5E Residential (Greater than 10') Soil Dioxins/Furans Data Results Summary
4-5F Residential (Greater than 10') Soil Metals Data Results Summary
4-5G Residential Deep Subsurface Soil SPLP Metals Data Summary
4-5H Residential Deep Subsurface Soil TOC Data Summary
4-6A Commercial (Greater than 10') Soil VOCs Data Results Summary
4-6B Commercial (Greater than 10') Soil SVOCs Data Results Summary
4-6C Commercial (Greater than 10') Soil Pesticides Data Results Summary
4-6D Commercial (Greater than 10') Soil PCBs Data Results Summary
4-6E Commercial (Greater than 10') Soil Dioxins/Furans Data Results Summary
4-6F Commercial (Greater than 10') Soil Metals Data Results Summary
4-6G Commercial Deep Subsurface Soil SPLP Metals Data Summary
4-6H Commercial Deep Subsurface Soil TOC Data Summary

TABLE OF CONTENTS (cont.)
REMEDIAL INVESTIGATION
SCOVILL INDUSTRIAL LANDFILL SUPERFUND SITE
WATERBURY, CONNECTICUT

TABLES (cont.)

NUMBER

4-7A Shallow Overburden Groundwater - Residential Areas - VOCs Data Statistical Summary
4-7B Shallow Overburden Groundwater - Commercial Areas - VOCs Data Statistical Summary
4-7C Shallow Overburden Groundwater - All Areas - SVOCs Data Statistical Summary
4-7D Shallow Overburden Groundwater - All Areas - Pesticides Data Statistical Summary
4-7E Shallow Overburden Groundwater - All Areas - Total Metals Data Statistical Summary
4-7F Shallow Overburden Groundwater - All Areas - Dissolved Metals Data Statistical Summary
4-8A Deep Overburden Groundwater - Residential Areas - VOCs Data Statistical Summary
4-8B Deep Overburden Groundwater - Commercial Areas - VOCs Data Statistical Summary
4-8C Deep Overburden Groundwater - All Areas - SVOCs Data Statistical Summary
4-8D Deep Overburden Groundwater - All Areas - Pesticides Data Statistical Summary
4-8E Deep Overburden Groundwater - All Areas - PCBs Data Statistical Summary
4-8F Deep Overburden Groundwater - All Areas - Total Metals Data Statistical Summary
4-8G Deep Overburden Groundwater - All Areas - Dissolved Metals Data Statistical Summary
4-9A Bedrock Groundwater - Residential Areas - VOCs Data Statistical Summary
4-9B Bedrock Groundwater - Residential Areas - SVOCs Data Statistical Summary
4-9C Bedrock Groundwater - Residential Areas - Pesticides Data Statistical Summary
4-9D Bedrock Groundwater - Residential Areas - Metals Data Statistical Summary
4-9E Bedrock Groundwater - Residential Areas - Dissolved Metals Data Statistical Summary
4-10A Vertical Profile Groundwater - Residential Areas - VOCs Data Statistical Summary
4-11A Sediment Sample - Upstream Areas - VOCs Data Statistical Summary
4-11B Sediment Sample - Upstream Areas - SVOCs Data Statistical Summary
4-11C Sediment Sample - Upstream Areas - Pesticides Data Statistical Summary
4-11D Sediment Sample - Upstream Areas - PCBs Data Statistical Summary
4-11E Sediment Sample - Upstream Areas - Metals Data Statistical Summary
4-12A Sediment Sample - Wet Area 1 - VOCs Data Statistical Summary
4-12B Sediment Sample - Wet Area 1 - SVOCs Data Statistical Summary
4-12C Sediment Sample - Wet Area 1 - Pesticides Data Statistical Summary
4-12D Sediment Sample - Wet Area 1 - PCBs Data Statistical Summary
4-12E Sediment Sample - Wet Area 1 - Metals Data Statistical Summary
4-13A Sediment Sample - Wet Area 2 - VOCs Data Statistical Summary
4-13B Sediment Sample - Wet Area 2 - SVOCs Data Statistical Summary
4-13C Sediment Sample - Wet Area 2 - Pesticides Data Statistical Summary
4-13D Sediment Sample - Wet Area 2 - PCBs Data Statistical Summary
4-13E Sediment Sample - Wet Area 2 - Metals Data Statistical Summary
4-14A Sediment Sample - Catchbasins - VOCs Data Statistical Summary

TABLE OF CONTENTS (cont.)
REMEDIAL INVESTIGATION
SCOVILL INDUSTRIAL LANDFILL SUPERFUND SITE
WATERBURY, CONNECTICUT

TABLES (cont.)

NUMBER

4-14B Sediment Sample - Catchbasins - SVOCs Data Statistical Summary
4-14C Sediment Sample - Catchbasins - Pesticides Data Statistical Summary
4-14D Sediment Sample - Catchbasins - Metals Data Statistical Summary
4-15A Sediment Sample - Downstream Areas - VOCs Data Statistical Summary
4-15B Sediment Sample - Downstream Areas - SVOCs Data Statistical Summary
4-15C Sediment Sample - Downstream Areas - Pesticides Data Statistical Summary
4-15D Sediment Sample - Downstream Areas - PCBs Data Statistical Summary
4-15E Sediment Sample - Downstream Areas - Metals Data Statistical Summary
4-16A Surface Water Sample - VOCs Data Statistical Summary
4-16B Surface Water Sample - SVOCs Data Statistical Summary
4-16C Surface Water Sample - Total Metals Data Statistical Summary
4-16D Surface Water Sample - Dissolved Metals Data Statistical Summary
4-17 Phase IIA Soil Gas Data Summary
5-1 Summary of Groundwater Contaminant Fate and Transport Processes
6-1 Summary of Receptor Risks and Hazards

FIGURES

NUMBER

1-1 Site Locus Plan
1-2 Site Plan
1-3 Limits of Historical Filling and Grading Activities – 1934
1-4 Limits of Historical Filling and Grading Activities – 1941
1-5 Limits of Historical Filling and Grading Activities – 1951
1-6 Limits of Historical Filling and Grading Activities – 1963
1-7 Limits of Historical Filling and Grading Activities – 1970
1-8 Limits of Historical Filling and Grading Activities – 1975
1-9 Limits of Historical Filling and Grading Activities – 1979
1-10 On-Site and Adjacent Businesses and Utilities
1-11 Waste Filling Summary
1-12 Sample Locations Collected by Weston (START)
1-13 Phase I/II Sample Locations
2-1 Nobis RI/FS Surface Soil Sample Locations
2-2 Nobis RI/FS Soil Boring Sample Locations
2-3 Nobis RI/FS Monitoring Well Sample Locations
3-1 Site Hydrology

TABLE OF CONTENTS (cont.)
REMEDIAL INVESTIGATION
SCOVILL INDUSTRIAL LANDFILL SUPERFUND SITE
WATERBURY, CONNECTICUT

FIGURES

NUMBER

3-2 Depth of Waste and Surface Extent of Filling Activities
3-3 Geologic Cross Section A-A'
3-4 Geologic Cross Section B-B'
3-5 Slug Test Results Shallow Overburden
3-6 Slug Test Results Deep Overburden
3-7 Shallow Wells Groundwater Elevation Contours Average of March Data
3-8 Deep Wells Groundwater Elevation Contours Average of March Data
3-9 Shallow Wells Groundwater Elevation Contours Average of Oct/Nov/Dec Data
3-10 Deep Wells Groundwater Elevation Contours Average of Oct/Nov/Dec Data
4-1 Volatile Organic Compounds in Soil Samples
4-2 PAH Toxicity Equivalent Over Criteria in Surface and Subsurface Soil
4-3 SVOCs in Soil Samples
4-4 Pesticides in Soil Samples
4-5 PCBs in Soil Samples
4-6 Arsenic in Surface Soil Samples
4-7 Arsenic in Subsurface Soil Samples
4-8 Beryllium, Cadmium, Chromium, Copper, and Nickel in Soil Samples
4-9 Lead in Soil Samples
4-10 Vanadium in Soil Samples
4-11 DCE, TCE, and Vinyl Chloride Detections in Groundwater Samples
4-12 VOC in Groundwater Vertical Profile
4-13 Acenaphthene Results in Overburden Groundwater
4-14 Bis(2-Ethylhexyl) phthalate Results in Overburden Groundwater
4-15 Caprolactam Results in Overburden Groundwater
4-16 Carbazole Results in Overburden Groundwater
4-17 Fluorene Results in Overburden Groundwater
4-18 Benzo(a)pyrene Results in Overburden Groundwater
4-19 Heptachlor Epoxide Results in Overburden Groundwater
4-20 4,4'-DDE Results in Overburden Groundwater
4-21 4,4'-DDT Results in Overburden Groundwater
4-22 Dieldrin Results in Overburden Groundwater
4-23A Total Cadmium Results in Overburden Groundwater
4-23B Dissolved Cadmium Results in Overburden Groundwater
4-24A Total Cobalt Results in Overburden Groundwater
4-24B Dissolved Cobalt Results in Overburden Groundwater
4-25A Total Lead Results in Overburden Groundwater
4-25B Dissolved Lead Results in Overburden Groundwater
4-26A Total Nickel Results in Overburden Groundwater
4-26B Dissolved Nickel Results in Overburden Groundwater
4-27A Total Vanadium Results in Overburden Groundwater

TABLE OF CONTENTS (cont.)
REMEDIAL INVESTIGATION
SCOVILL INDUSTRIAL LANDFILL SUPERFUND SITE
WATERBURY, CONNECTICUT

FIGURES (cont.)

NUMBER

4-27B Dissolved Vanadium Results in Overburden Groundwater
4-28A Total Zinc Results in Overburden Groundwater
4-28B Dissolved Zinc Results in Overburden Groundwater
4-29 Surface Water and Sediment Sample Locations

APPENDICES

A EPA Mobile Field Lab Analytical Results Summary
B Boring Logs
C Monitoring Well Installation Logs
D Well Development Field Sheets
E Groundwater Field Log Sheets
F GeoTesting Geotechnical Test Report
G Soil, Groundwater, Sediment, Surface Water Analytical Results Summaries
H Offsite Soil and Groundwater Analytical Results Summaries
I PMC Evaluation with SPLP Data
J PAHs in Urban Historic Fill
K Calabrese Parcel Subsurface Investigation Three-Dimensional Modeling Results
L August and November Groundwater Vertical Profiling EPA Mobile Field Lab Analytical Results Summaries
M Supplemental Evaluation of Surface Water Protection Criteria

ACRONYM AND ABBREVIATIONS LIST

ACM	–	Asbestos Containing Material
AES	–	Atomic Emission Spectrometry
ALM	–	Adult Lead Methodology
AO	–	Administrative Order
ASTM	–	American Society for the Testing of Materials
BEHP	–	bis(2-Ethylhexyl) phthalate
BERA	–	Baseline Ecological Risk Assessment
bgs	–	below ground surface
CERCLA	–	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	–	Comprehensive Environmental Response, Compensation, and Liability Information System
cfs	–	cubic feet per second
CLP	–	Contract Laboratory Program
COC	–	Contaminants of Concern
DEEP	–	Connecticut Department of Energy and Environmental Protection
CSM	–	Conceptual Site Model
DAS	–	Delivery of Analytical Services
DCE	–	dichloroethene
DEC	–	Connecticut Direct Exposure Criteria
DNAPL	–	Dense Non-Aqueous Phase Liquid
ECD	–	Electron Capture Device
EPA	–	U.S Environmental Protection Agency
FS	–	Feasibility Study
ft	–	feet, foot
ft/d	–	feet per day
ft msl	–	feet above mean sea level
GB-PMC	–	Connecticut Pollutant Mobility Criteria for a GB Aquifer
GC	–	Gas Chromatograph
GC-ECD	–	Gas Chromatograph Electron Capture Detector
GPS	–	Global Positioning System
HDPE	–	High Density Polyethylene
HHRA	–	Human Health Risk Assessment

HI	–	Hazard Index
HQ	–	Hazard quotient
IEUBK	–	Integrated Exposure Uptake Biokinetic
ICP	–	Inductively Coupled Plasma
K_d	–	Distribution Coefficient
K_p	–	Partition Coefficient
LOE	–	Line of Evidence
mg/Kg	–	milligrams per kilogram (equivalent to parts per million)
MS	–	Mass Spectrometry
mS/m	–	millisiemen per meter
MS/MSD	–	Matrix Spike/Matrix Spike Duplicate
msl	–	mean sea level
MTBE	–	Methyl tert-butyl Ether
MEC	–	Munitions and Explosives of Concern
NAPL	–	Non-Aqueous Phase Liquid
NAWQC	–	National Ambient Water Quality Criteria
NCP	–	National Oil and Hazardous Materials Contingency Plan
ng/Kg	–	nanogram per kilogram (equivalent to part per trillion)
NRAS	–	National Routine Analytical Service
ORP	–	Oxidation/Reduction Potential
PAHs	–	Polynuclear Aromatic Hydrocarbons
PACM	–	Possible Asbestos Containing Material
PCBs	–	Polychlorinated Biphenyls
PCDD	–	1,2,3,7,8-Pentalchlorodibenzo(p)dioxin
PCE	–	Perchloroethylene/Tetrachloroethylene
PID	–	Photoionization Detector
PLM	–	Polarized Light Microscopy
PRP	–	Potentially Responsible Party
QAPP	–	Quality Assurance Project Plan
R	–	Retardation Factor
RAS	–	Routine Analytical Services
RI	–	Remedial Investigation
RME	–	Reasonable Maximum Exposure
ROD	–	Record of Decision

RSL	–	EPA Regional Screening Level
RSR	–	Remediation Standard Regulations
SARA	–	Superfund Amendments and Reauthorization Act
SLERA	–	Screening-Level Ecological Assessment
SOW	–	Statement of Work
SPLP	–	Synthetic Precipitation Leaching Procedure
START	–	Superfund Technical Assistance and Response Team
SVOCs	–	Semivolatile organic compounds
SWPC	–	Surface water protection criteria
TAL	–	Target Analytes List
TCDD	–	2,3,7,8-Tetrachlorodibenzo(p)dioxin
TCDF	–	2,3,7,8-Tetrachlorodibenzo(p)furan
TCE	–	Trichloroethylene
TCL	–	Target Compounds List
TCLP	–	Toxicity Characteristic Leaching Procedure
TEF	–	Toxicity Equivalency Factor
TEM	–	Transmission Electron Microscopy
TEQ	–	Toxicity Equivalency
TOC	–	Total Organic Carbon
µg/Kg	–	microgram per kilogram (equivalent to parts per billion)
µg/L	–	micrograms per liter (equivalent to part per billion)
USGS	–	U.S. Geological Survey
UXO	–	Unexploded Ordnance
VOCs	–	Volatile Organic Compounds
WOE	–	Weight of Evidence
WHO	–	World Health Organization
XRF	–	x-ray fluorescence

ES EXECUTIVE SUMMARY

This Remedial Investigation (RI) Report documents the investigations completed to date at the Scovill Industrial Landfill Superfund Site located in Waterbury, Connecticut (hereafter referred to as the "Site"). This RI Report was prepared by Nobis Engineering, Inc. (Nobis) for the United States Environmental Protection Agency (EPA) under Contract Number EP-S1-06-03, Task Order Number 0018-RI-CO-017F.

The specific objectives of the RI were to:

- Compile and evaluate available site data; obtain additional data required to adequately characterize the study area conditions; and to determine the source and the nature and extent of contamination in the groundwater, surface water, soil, and sediment, at the site and in the surrounding areas.

- Assess the fate and transport conditions of site contaminants.

- Evaluate the potential threats to human health and the environment within the study area through risk assessments.

Information developed by the RI and the risk assessments will be evaluated in a feasibility study (FS) to develop potential remedial options for the site.

Site Description

The Scovill Industrial Landfill Site is located in the City of Waterbury, New Haven County, Connecticut. The 25 acre Site is generally flat, slopes slightly to the south, and sits in a former stream valley bordered by topographically higher land on the east and west. Two seasonally wet areas are located at the northeast and northwestern boundaries.

Approximately 18 of the 25 acres of the Site are developed and consist of mixed usage with two- and three- story residential structures (condominiums and apartment buildings), small commercial buildings and a shopping mall. This area is described as Parcel A. The remaining 7 acre parcel is undeveloped and described as Parcel B or the Calabrese Parcel.

Site History and Initial Remedial Actions

In June 1919, a 30 acre property was sold to the Scovill Manufacturing Company (Company). At that time the property consisted of undeveloped woodlands and wetland areas with Carrington Brook flowing through the Site from the northeastern area to southwest corner. The Company was well known for its metal casting capabilities, in particular, the manufacturing of brass products. It later manufactured small appliances, motors, watches, injection molded plastics, and photographic equipment. The Company also produced numerous products for the military during World Wars I and II and the Korean conflict including munitions, fuzes, and brass artillery casings. The Site was used by the Company as a landfill from 1919 until mid-1974 for disposal of ash, cinder, demolition debris, and other wastes generated by the nearby Company facility in Waterbury. There are no records of munitions debris being deposited in the landfill and Site investigations completed to date have not encountered any munitions or explosive compounds.

Based on interpretations of historical aerial photographs, there is evidence of Site filling prior to 1934, which is the earliest available historical image. Filling at the Site commenced along Meriden Road and progressed northward. Once filling was completed in the southeastern portion of the Site, the Company subdivided the property and sold it to developers. As the adjacent wetlands and the stream valley were filled, those portions of the property too were subdivided and sold for development. In 1946, Carrington Brook was rerouted into a buried culvert by the City as part of a drainage improvement project for the area. The extent of filling by Scovill based on photographic evidence and mapping is 25 acres and now constitutes the Superfund Site. The excluded five acres are considered to be off Site.

In 1988, Calabrese Construction, Inc. was developing the northern portion of the Site (Parcel B or the Calabrese Parcel) when excavations uncovered waste materials including thirteen capacitors, ash, cinder, crushed drums, metal waste, demolition debris and other waste materials at depths ranging from 8 to 20 feet. The materials contained elevated levels of polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals (cadmium, silver, nickel, and zinc). Subsequent soil sampling by the Connecticut Department of Energy and Environmental Protection (DEEP) found PCB concentrations ranging from 11,969 milligrams per kilogram (mg/Kg) to 140,230 mg/Kg, which prompted the removal of 2,300 tons of PCB-contaminated soil and 18 capacitors from the Calabrese parcel. DEEP

capped the area with 1 foot of topsoil, hydro-seeded, and fenced in and posted 4 of the 7 acres. EPA conducted initial sampling in 1999 and the Site was listed on the National Priority List on July 27, 2000.

RI Field Investigations

EPA conducted Phase I of the RI in the fall of 2002, which included surface and subsurface soil sampling to determine the depth of the waste materials; a geophysical survey to locate any remaining drums in the Calabrese Parcel and determine approximate bedrock depth; and surface water and sediment sampling to better define the nature and extent of waste disposal.

In 2004, EPA issued an Administrative Order (AO) to the Potentially-Responsible Party (PRP), Saltire Industrial Inc. (the corporate successor to Scovill Manufacturing Inc.), to complete the remaining RI activities. The PRP's contractor conducted approximately 90 percent of the Phase IIA RI in the summer of 2004, which included additional surface and subsurface soil sampling, monitoring well installation and groundwater sampling, surface water and sediment sampling, soil gas sampling, and a storm drain survey. The PRP filed for bankruptcy in July 2004 and all work immediately ceased. EPA acquired the existing Phase IIA data for evaluation.

After all previously-collected data was synthesized and evaluated, a data gathering program was developed to fill any identified data gaps. The Phase III field investigation and sampling activities conducted in support of Phase III of the RI included surveying, soil borings and monitoring well installations, vertical groundwater profiling, aquifer testing, soil and groundwater sampling, and geotechnical testing. Data collection began in September 2008 and concluded in December 2008, with seven subsequent regularly scheduled quarterly groundwater sampling events spanning March 2009 through September 2010. Supplemental soil and groundwater investigations were performed in August, October, November 2010, and March/April 2011.

Site Geology, Hydrogeology, and Surface Water Hydrogeology

Site overburden lithology primarily consists of 12 to 18 feet of a soft dark brown, gray, and black ash/waste mixed with varying amounts of silt and sand. Other debris such as wood fragments, slag, and metal were also encountered during the Phase I investigations. Several Phase III soil borings located in the southwestern and central portions of the Site encountered a

discontinuous peat layer ranging from 13 feet below ground surface (ft bgs) to 24 ft bgs and between 6 inches and 5 feet in thickness. Some deeper samples at approximately 20 feet below the ground surface (ft bgs) encountered clayey silt/silty clay with little to trace gravel (dense) but these strata are not described as till. Other samples encountered a saturated very dense sandy silt layer with some gravel at depths of between 11 and 22 ft bgs and were described as till.

The ash material was found to be deepest (18 ft bgs) through central portions of the Site extending to the southern boundary and tapering along the eastern and western side slopes. Along the southern edge of the Site, ash depths reach approximately 14 ft bgs. The waste terminates at the northern end of the Site before reaching Dallas Avenue, consistent with the aerial photographic evidence.

Bedrock was encountered between 49 ft bgs and 63 ft bgs and is mapped as Waterbury Gneiss Formation which is characterized as a dark gray, fine to medium grained composite of schist and gneiss. High-angle bedding was observed in the rock core and the bedrock surface slopes south to southeast at approximately 5 percent dip.

Based upon available soil boring observations coupled with permeability data and groundwater elevations, two separate overburden hydrogeologic units (fill material and till deposits), and one bedrock hydrogeologic unit are present beneath the Site. Although till was found overlying bedrock, it probably does not act as an aquaclude based on a relatively high permeability.

The shallow aquifer unit is characterized as a heterogeneous fill material composed of various amounts of silty sand and gravel, ash, and debris exhibiting widely-varying hydraulic conductivities (between 0.1 to 24.8 ft/d). The shallow overburden aquifer appears to occupy the entire land-filled portion of the subsurface, and extends as deep as 20 ft bgs. Groundwater flow within this zone may be affected by the presence of subsurface utilities as groundwater elevations decrease more rapidly in southern portions of the Site. The rising-head hydraulic conductivities of the shallow monitoring wells varied widely from 0.1 to 24.8 ft/d, and the geometric mean hydraulic conductivity of this aquifer unit was 2.3 ft/d.

The deeper overburden aquifer unit is characterized as a till material consisting of poorly graded silty sand and gravel. A thin layer of peat material was observed in some areas separating the

fill from native deposits. The hydraulic conductivities of the deeper monitoring wells ranged from 0.4 to 7.9 ft/d with a geometric mean hydraulic conductivity of 2.2 ft/d. While the geometric mean of the deeper aquifer is only slightly less than the shallow zone, the variability of the conductivities is minimal (standard deviation of 2.7, compared with 7.8 of the shallow zone) suggesting the deeper zone does represent a different aquifer than the shallow zone.

No specific capacity testing was completed for the sole bedrock well; however permeability test results indicate a permeability of 0.1 feet per day (for a 15-foot screen).

Both overburden aquifer units exhibit similar groundwater flow directions, from topographically-high zones to lower zones (south to southwest, following the historical flowpath of Carrington Brook). The bedrock groundwater flow direction and gradient could not be determined.

Hydraulic gradients through the center of the shallow overburden aquifer are estimated to be 0.009 feet per foot, while the hydraulic gradients in the deeper aquifer were lower than that of the shallow aquifer at between 0.005 and 0.006 feet per foot. Vertical gradients between well pairs appear to be minimal, at times reversible, and not suggestive of any significant vertical water movement between the shallow and deep portions of the overburden or between the overburden and bedrock units. No significant seasonal fluctuations in the horizontal or hydraulic gradients were noted.

In 1946, the City of Waterbury completed a storm drainage improvement project and redirected Carrington Brook (beginning at the headworks 0.5 miles north of the Site at east of Wolcott Road) into a subsurface 54-inch reinforced-concrete pipe connected to the regional storm drainage system. A drainage survey concluded that both underground portions of Carrington Brook and the area storm drainage system passing through the Site discharge into a small pond at Hamilton Park, approximately 0.6 miles southwest of the Site. A free-flowing and non-culverted Carrington Brook exits from the pond, entering the Mad River and flowing west/southwest for approximately 2 river miles (portions underground) before discharging into the Naugatuck River. Because much of the Site area is paved by parking lots and active streets, precipitation falling onto the Site generally is directed to the existing storm drainage system.

There are also two seasonally wet areas located in depressions on the eastern (12,900 ft^2) and western (5,400 ft^2) edges of the Calabrese parcel. These are topographic lows created by the raised surface of the Calabrese Parcel cap area on one side and the uphill slopes of Monroe Avenue on the west and Academy Avenue on the east. In the eastern area, precipitation and surface water runoff from the sloping backyards on Academy Avenue, Dallas Ave and the Sanford Condominiums as well as a small portion of the Calabrese Parcel are eventually trapped with no outlet by the raised surface of Radcliffe Avenue. In the western area, precipitation and surface water runoff from the Calabrese parcel and the sloping backyards on Monroe Avenue and the Meriden Apartments are eventually trapped with no outlet by the raised area behind 119 Store Avenue. There is no standing water in these areas during dry periods.

Demographics, Land Use, and Ecology

The City of Waterbury, Connecticut is a medium-density City in western/central Connecticut. As of the 2010 US Census, the City population is estimated at 110,366 people. Existing municipal zoning of the Site area is primarily classified as Arterial Commercial with smaller portions classified as Neighborhood Shopping, however, much of the current usage is multi-family residential. The only parcel on the Site zoned Low-Density Residential is the apartment complex 136 Store Ave.; all else is zoned as light commercial. Land usage in the areas surrounding the Site is urban and includes both residential and commercial.

DEEP's Groundwater Use and Value Determination, classifies the underlying groundwater as a GB aquifer which is not suitable for drinking water. The City of Waterbury obtains potable water from a series of reservoirs located between 15 and 30 miles northwest of the Site. City health and water officials stated that no potable water wells had been installed in the Site or surrounding area.

A small pond in Hamilton Park is the only viable swimming and fishing area near the Site. Observations of fishing at the pond have been made by EPA contractor and DEEP personnel. However, no evidence of swimming in this pond was ever observed. Additionally, Hamilton Park appears to be the only recreation area close to the Site.

The majority of the Site area is occupied by structures or paved areas; however the northern extent of the Site is undeveloped. According to the EPA Baseline Ecological Risk Assessment

(BERA) the upland portion of the Calabrese parcel does not provide sufficient habitat and resources to sustain a terrestrial population. These wet areas also contain rubbish and quantities of household wastes, such as white goods, tires, paper, plastics, and engine oil filters. They do not serve as a wildlife corridor to other terrestrial/aquatic habitats, and aside from the urban-adapted birds and mammals, the anticipated receptor populations are considered to be small relict populations.

Nature and Extent of Contamination

Landfilled waste reportedly consisted of ash, cinders, debris, metal materials and other unknown waste materials generated by the Company's operations. Presumably, the ash materials were derived from the burning of coal; however, the specific components of the wastes disposed of at the Site are not known. While much of the Site area appeared to have received a consistent waste material, the waste material excavated from the Calabrese Parcel appeared to contain materials not observed in other areas of the Site (i.e., high PCB concentrations, capacitors, rusted drums, and sludge). Additionally, one debris sample collected from 10 to 12 ft bgs on the Calabrese Parcel contained 16.2% asbestos (chrysotile). No additional potential asbestos containing materials were noted.

Soil Contamination

Soil contamination at the Site occurs in surface (0-2 ft bgs), subsurface (>2-10 ft bgs), and deep subsurface (>10 ft bgs).

Numerous VOCs were detected in soil samples; however, no VOCs exceeded DEEP Remediation Standard Regulations (RSR) Direct Exposure Criteria (DEC). Benzene, carbon tetrachloride, tetrachloroethylene (PCE), trichloroethylene (TCE), and vinyl chloride exceeded GB Pollutant Mobility Criteria (PMC) but subsequent Synthetic Precipitation Leaching Procedure (SPLP) tests suggest there is little likelihood of leaching. The elevated VOC concentrations appeared to be limited to areas either currently or formerly utilized for automotive sales/service or dry cleaning.

SVOCs were detected in soil samples collected throughout the Site area and are dominated by the presence of PAH compounds associated with the coal ash and combustion product waste material. The PAH distribution appears to be somewhat consistent throughout the Site area and

waste depths. Given the amount of paving on Site (parking areas and roadways), PAHs from road dusts originating from vehicle emissions, and the wearing of tires and asphalt are likely deposited on surface soil. These dusts and breakdown of asphalt products likely make their way into shallow soils sampled immediately below these paved surfaces. Numerous SVOCs (including PAH compounds) exceeded DEC and PMC throughout the Site. Again SPLP tests suggest there was little likelihood of leaching for the SVOCs with the exception of bis(2-ethylhexyl) phthalate in a couple of samples.

No significant pesticide contamination was noted in soil samples. Alpha-chlordane, gamma-chlordane, dieldrin, and heptachlor-epoxide each exceeded the DEEP GB PMC in surface soils, while only dieldrin exceeded DEEP DEC in one sample. 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, and heptachlor-epoxide also exceeded DEEP GB PMC in subsurface soils. These pesticides have a strong affinity for sorbing to soil and are unlikely to leach. 4,4'-DDE and 4,4'-DDT are the most frequently detected pesticides in the surface soil samples, and their distribution may be indicative of post development application rather than a component of the waste material. With the extensive reworking of the area as part of the post-Scovill development, an intermixing of any applied pesticides could have been incorporated into deeper deposits.

Elevated PCB and dioxin/furan concentrations were noted in soil samples collected primarily from the Calabrese Parcel, but also on the northern extent of 119 Store Avenue (adjacent to the Calabrese Parcel). The maximum PCB detection was from a surface soil sample collected from the Calabrese Parcel and contained 19 mg/Kg of PCBs; however field PCB analysis reported a soil sample PCB result of 149 mg/Kg. All PCB samples exceeding DEEP DEC were from the Calabrese Parcel. PCB contamination in surface soil appears to be limited to the southern portion of the Calabrese Parcel. The limit of PCB contamination detected in the surface soil is based upon a relatively small number of samples, and given the reportedly irregular deposition of the waste, there may be additional PCB contamination in parts of Area J. PCB contamination in the deeper soil zones extends to the north and northeast from the surface soil PCB contamination to a maximum depth of approximately 20 ft bgs. PCBs were not detected in SPLP leachate, suggesting that the PCB contamination particularly in the Calabrese Parcel is unlikely to leach to groundwater. Dioxin/furan toxicity equivalency results exceeded residential EPA Regional Screening Level criteria on or adjacent to the Calabrese Parcel.

Several metals including arsenic, beryllium, cadmium, chromium, copper, lead, nickel, and vanadium exceeded DEEP DEC and GB PMC. Like the SVOCs, these metals are widely distributed across the Site both laterally and vertically. SPLP analyses of soil samples collected from across the Site have reported three exceedances of the DEEP GB PMC for lead and four exceedances of the vanadium criteria indicating a potential for leaching to groundwater in some areas of the Site. Further analysis using a 95% Upper Confidence Limit confirmed the leaching potential for vanadium but not for lead.

Summary of Nature and Extent of Groundwater Contamination

Overburden groundwater within the shallow aquifer has low concentrations of numerous organic and inorganic substances. There is no coherent or distinct contaminant plume. The groundwater is classified GB and does not serve as a drinking water supply. Of particular note is the presence of two VOCs, vinyl chloride and 1,1-DCE, in monitoring well MW-12S located near an occupied elderly apartment complex that exceed DEEP groundwater volatilization criteria. Other VOCs including cis-1,2-DCE, PCE, and TCE also were sporadically detected in overburden groundwater samples but did not exceed volatilization criteria. Based on results from the sole bedrock monitoring well, it does not appear that contamination extends into the bedrock aquifer at this location. The irregular detections and scattered occurrences across the Site and through time, plus the almost 40 year time period since landfilling ceased, suggest VOC contamination may have occurred after site development and may not be related to Scovill activities. Some biodegradation of these compounds is assumed based on the presence of daughter products.

The majority of the PAH compounds were detected infrequently in all aquifers. SVOCs detected more frequently included the PAHs acenaphthene and fluorene, bis(2-ethylhexyl) phthalate (BEHP), and caprolactam. None of these compounds was detected at significantly elevated concentrations, and with the possible exception of BEHP, are generally derived from coal ash or other combustion by-products.

No significant pesticide or PCB contamination was noted in groundwater samples.

Numerous metals were detected in groundwater samples, both total and dissolved. Because the groundwater underlying the Site area is classified as GB, and not used as a drinking water source, no comparisons were made of these values to drinking water criteria.

DEEP Surface-Water Protection Criteria (SWPC) were exceeded for several chemicals. A supplemental evaluation showed that Site contaminants do not pose a threat to the nearest surface water body.

Summary of Nature and Extent of Surface Water Contamination

Several VOCs, SVOCs, and metals were detected in surface water samples collected from ephemeral northeast Wetland 1. Total metals concentrations were much greater than the dissolved metals concentrations, suggesting a significant quantity of suspended solids in the standing water in the wetland area. Several metals detected in the total metals samples exceeded acute and chronic values for National and Connecticut screening criteria. The dissolved metals samples exceeded only one acute Connecticut and two chronic Connecticut screening criteria. It is possible that this suspended solid material may also be a contributing factor in the detection of VOCs and moderately-insoluble SVOCs in these surface water samples. The presence of previously noted refuse and wastes within this wetland likely contribute to the detection of these contaminants.

Summary of Nature and Extent of Sediment Contamination

Analytical results of sediment samples collected from the two ephemeral wetlands reported the presence of numerous organic and inorganic contaminants at concentrations exceeding screening criteria. Though it is possible that the contaminants may have been Site-derived, the presence of a large quantity of potentially contaminated debris in and around these wetland areas and also parking lot and upgradient runoff may also have contributed to the contaminants present within these wetlands.

Analytical results of sediment samples collected from areas upstream of Wetland 1 identified the presence of numerous SVOCs, several pesticides, and PCBs at concentrations exceeding screening levels. It is likely that these substances resulted at least partially, from parking lot runoff or releases onto the adjacent parking lot migrating to either a nearby upstream storm drain or to the upstream sediment sampling location.

One sample of catch basin bottom sediment was collected from the downstream catch basin nearest the Site. Minimal PAH contamination was noted in this sample and no PCBs were detected. Two sediment samples were collected downstream of the Site. One where the Carrington Brook storm drain and comingled storm water from other parts of urban Waterbury discharge to the small impoundment pond at Hamilton Park, and the other at the pond outlet located approximately 0.8 miles southwest of the Site. Low concentrations of VOCs and pesticides were reported in these samples. SVOC contamination was dominated by PAH compounds. PCBs were detected in each of these downstream sediment samples (ranging between 6.9 ug/Kg and 360 ug/Kg). Low concentrations of several metals were reported with copper, lead, and zinc exceeding screening criteria.

Fate and Transport of Contaminants

VOCs detected in Site soils may leach into groundwater through precipitation, infiltration or migration. Very few VOCs exceeded DEEP GB PMC, indicating minimal leaching potential. Additionally, SPLP analyses showed only one VOC (TCE) exceeding screening levels. Therefore, minimal groundwater contamination is expected to originate from the Site soils. There is no evidence of a coherent VOC contaminant plume. Overburden groundwater samples do have low concentrations of chlorinated and other aromatic VOCs. Two chlorinated VOCs, 1,1-dichloroethene and vinyl chloride, exceeded DEEP groundwater volatilization criteria and could potentially migrate to indoor air under the right conditions.

SVOCs, pesticides, PCBs, and dioxins are relatively non-volatile and are generally insoluble in water. While some of these compounds exceeded GB PMC, the chemical and physical characteristics of these organic compounds render them relatively immobile in the subsurface environment. No PAHs were detected in any soil samples analyzed using SPLP at concentrations in excess of screening criteria; however, BEHP was detected in two SPLP samples above the screening criteria. Very little SVOC contamination was detected in groundwater samples indicating only limited leaching of these chemicals.

With the exception of the Calabrese Parcel in the north, the remainder of the Site is generally paved or covered by buildings and structures. There are a few areas with trees and grass. Runoff is to storm drains with a minimum of infiltration on the Site. The paving and buildings

limit any direct exposure to most contaminants and windborne and waterborne erosion transport are minimal. The Calabrese Parcel is vegetated, acts as a filter for surface runoff, and the most contaminated portion was covered by DEEP with a clean soil cap. Windborne and waterborne erosion transport for this parcel are expected to be minimal too.

Risk Summaries

The Human Health Risk Assessment and Baseline Ecological Risk Assessment were both published previously as standalone documents. The objective of the HHRA was to estimate potential current and future human health risks from the presence of contamination in the soil, groundwater, sediment, and surface water. The objective of the BERA was to determine if exposure to COCs present in sediment and surface waters in Site wetlands is detrimental to ecological receptors. Both assessments were prepared to provide the basis for determining appropriate remedial measures (if applicable) for these media as part of a feasibility study.

Human Health Evaluation

The HHRA determined the following:

- There are cancer risks exceeding EPA target risk range (10^{-4} to 10^{-6}) from some SVOCs and metals at Risk Areas D1 (current/future and future residents), E1 (future residents if converted to family housing), E3 (current/future and future residents), F (current/future and future residents), I (future industrial workers), J (current/future trespassers, future residents, industrial/commercial workers, groundskeepers and construction/utility workers).

- Area J also has Hazard Indices indicating potential adverse non-cancer effects for current/future trespassers, future construction/utility workers, future adult/children residents, industrial/commercial workers and groundskeepers. Chromium is the predominant risk driver but some risk was from Aroclor 1254.

Groundwater risk is limited to potential vapor intrusion from vinyl chloride into indoor air spaces in the northern part of parcel A. Vapor intrusion pathway should also be considered as a potential future concern for Parcel B because of shallow groundwater concentrations of vinyl chloride and mercury.

Ecological Evaluation

The BERA found evidence suggesting a low potential for impact on long term health and stability of benthic invertebrates in Wetland 1 and local water column invertebrate and larval amphibian communities in Wetland 2. There is a high potential risk to benthic invertebrates in the northern half of wetland 2 adjacent to Newbury Street based on copper and oily sheen from parking area runoff. There is also a potential for localized, short lived risk to water column invertebrates and larval amphibians in the southern part of Wetland 1 near the metal cage above the storm sewer line.

Data Limitations

Much of this report relies on data from previous investigations performed by other parties with different study objectives and purposes. Because of limited access, complicated by subsurface utility locations, further assessment may be required at Area I to refine contaminant distribution laterally and at depth. The extent of further refinement will depend on the particular remedial alternative selected. Further assessment may also be required to refine PCBs distribution across the Calabrese Parcel and the anomalous surface metals samples on the northern boundary.

1.0 INTRODUCTION

1.1 Work Assignment and Report Purpose

This Remedial Investigation (RI) Report was prepared by Nobis Engineering, Inc. (Nobis) for the U.S. Environmental Protection Agency (EPA) under Contract No. EP-S1-06-03, Task Order No. 0018-RI-CO-017F. This report presents the investigations and data evaluation activities conducted during the RI for the Scovill Industrial Landfill (Site) in the City of Waterbury, New Haven County, Connecticut. EPA will utilize this RI and the Human Health Risk Assessment (HHRA) to produce a Feasibility Study (FS) to select a remedial alternative and prepare a Record of Decision (ROD) for the Site.

This RI report was prepared in part, based on available information and data developed during previous investigations or remedial actions performed by Potentially Responsible Parties (PRPs) or by EPA.

The overall objective of the RI is to characterize the nature and extent of contamination and the risks posed by hazardous substances at the Site. Specific objectives of this RI were to:

- Compile and evaluate available Site data; obtain additional data required to adequately characterize the study area conditions; and to determine the source and the nature and extent of contamination in the groundwater, surface water, soil, and sediment at the Site and in the surrounding areas.

- Assess the fate and transport conditions of Site contaminants.

- Evaluate the potential threats to human health and the environment within the study area through risk assessments.

This RI report was prepared in accordance with the *Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA* (EPA/540/G-89-004; October 1988). The RI was performed consistent with the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986; and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP).

1.2 Site Background

This section describes the Site and surrounding area, as well as summarizes the operational history and environmental history of the Site.

1.2.1 Site Location and Description

The Scovill Industrial Landfill Site is located in the City of Waterbury, New Haven County, Connecticut (Figure 1-1). The Site's CERCLIS identification number is CT0002265551. The 25-acre Site boundary is depicted on Figure 1-2 and is bounded to the north by residential properties along Newbury Street and Academy Avenue, to the east by residential properties abutting Academy Avenue, to the south by Meriden Road (State Route 69) with commercial property beyond, and to the west by residential properties along Monroe Avenue. Two wetland areas are located on the edges of the northeast and northwestern boundaries.

The Site is generally flat and slopes slightly to the south. The eastern and western portions of the Site are bordered by steep hills.

Approximately 18 of the 25 acres of the Site are developed along Meriden Road, Store Avenue, Dunbar Street, and Newman Street and consist of two- and three- story residential structures (condominiums and apartment buildings); small commercial buildings that include a landscaping firm, child daycare facility, elderly housing, social club, cab service, former medical office, a used car lot, car repair shop; and a shopping mall (East Gate Shopping Plaza). This area is described as Parcel A. The remaining 7-acre parcel is undeveloped and was in the initial stages of development by Calabrese Construction, Inc. prior to listing of the Site on the National Priorities List, and is described as Parcel B.

1.3 Site History and Previous Investigations and Remedial Actions

In June 1919, the original property (approximately 30 acres) was sold to the Scovill Manufacturing Company (Company). At that time the property consisted of undeveloped woodlands and wetland areas with Carrington Brook flowing through the Site from the northeastern area to southwest corner. The Company used the Site as a landfill from 1919 until

mid-1974 for disposal of ash, cinder, demolition debris, and other wastes generated by the nearby Company facility in Waterbury.

The Company began operations in the early 1800s along Mill Street in Waterbury and continued manufacturing through the 1980s. Manufacturing was conducted at other locations in Waterbury, including an 87-acre parcel located southwest of the Site. In 1997, the Company moved its corporate headquarters from Waterbury to Georgia (Historical Perspectives, Inc. 1997).

The Company was well known for its metal casting capabilities, in particular, the manufacturing of brass products including buttons, belt buckles, clasps and other products. In the 20th century, the Company also manufactured appliances, small motors, watches, injection molded plastics, and photographic equipment. The Company also produced numerous products for the military during World Wars I and II and the Korean conflict. During World War II, it manufactured munitions, fuzes, and brass artillery casings. Gunpowder was used in the assembly of the fuzes. There is no record of any munitions debris being deposited in the landfill and Site investigations completed to date have not encountered munitions and explosives of concern (MEC). The Company also manufactured a variety of objects that used aluminum, chromium, copper, silver, tin, and zinc (Historical Perspectives, Inc. 1997).

The Company's manufacturing processes included: anodizing, aluminum finishing, buffing, box making, fastener production, carpentry, metal casting, electrical instrument calibration and maintenance, metal forging, laundry and cleaning services, metals research and analyses, painting and lacquering, metal milling, electro-annealing, electroplating, grinding, wastewater treatment, welding, steam and hot water generation, solenoid coil production, solvent degreasing, and power generation (Historical Perspectives, Inc. 1997). Wastes from these operations may have been sent to the landfill.

Table 1-1 provides a detailed synopsis of the Site development. Based on interpretations of historical aerial photographs from the Connecticut State Library (CSL, 2008) and EPA's Environmental Science Division (EPA, 2001), there is evidence of Site filling prior to 1934, which is the earliest available historical image (Figures 1-3 through 1-9). Filling at the Site commenced along Meriden Road and progressed northward. There is some filling noted in the northeastern corner of the Site on the south side of Dallas Avenue in the 1951 and 1963 aerial

photos, but this appears to be related to residential construction and not Scovill filling. The delineated area of filling by Scovill is 25 acres and now constitutes the Site extent. The excluded five acres are considered to be off Site.

Once filling was completed in the southeastern portion of the Site, the Company subdivided the property and sold it to developers. As the adjacent wetlands and the stream valley were filled, those portions of the property too were subdivided and sold for development. Ponding of water in the drainage area running between Monroe Avenue and Newbury Street, as well as just west of Dunbar Street, reflects the overall Site drainage pattern developed by Carrington Brook that persists today despite filling operations. In 1946, Carrington Brook (shown on Figure 1-3) was rerouted into a buried culvert by the City as part of a drainage improvement project for the area. Most of the development appears to have occurred between the mid-1950s and the mid-1970s. By the mid-1990s, approximately 18 of the 25 acres had been developed. An index of the current businesses and apartment buildings is displayed on Figure 1-10. Figure 1-11 presents a summary of filling and waste spreading activities at the Site.

In 1988, the northern portion of the Site (Calabrese parcel) was in the initial stages of development by Calabrese Construction, Inc. when they discovered industrial waste. Excavations to install concrete footings for a proposed apartment complex uncovered waste materials including thirteen capacitors of unknown origin, ash, cinder, crushed drums containing sludge material, metal waste, demolition debris and other waste materials at depths ranging from 8 to 20 feet. The materials contained elevated levels of polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals (cadmium, silver, nickel, and zinc). Calabrese stockpiled the excavated soils containing the waste materials. During a March 1998 inspection, the Connecticut Department of Energy and Environmental Protection (DEEP) noted discolored water with an oily sheen near the concrete building footings. DEEP collected soil/source samples and analytical results showed PCBs concentrations ranging from 11,969 milligrams per kilogram (mg/Kg) to 140,230 mg/Kg.

In the spring of 1998, DEEP removed 2,300 tons of PCB-contaminated soil and 18 capacitors from the Calabrese parcel. The area was temporarily capped with 1 foot of topsoil and hydro-seeded. After the installation of the temporary cap, DEEP fenced in and posted 4 of the 7 acres of the parcel.

In April 1999, EPA's Superfund Technical Assistance and Response Team (START) sampled the Site and surrounding area (Weston, 1999). START collected 124 surface soil (0 to 6 and 6 to 24 inches below ground surface [bgs]) samples from 57 locations (Figure 1-12) as summarized on Table 2-1. Many of these locations were located outside of the delineated areas of landfilling. Of the samples collected from within the landfill limits, analytical results showed elevated levels of PAHs and other semivolatile organic compounds (SVOCs), including PCBs, and metals such as chromium, copper, nickel, silver, vanadium, and zinc. START also collected eight sediment samples from wetland areas bordering the Site and from the stormwater outfall at a small pond located downstream of the Site. Sediment samples identified the presence of two volatile organic compounds (VOCs), as well as several SVOCs, pesticides, PCBs, and metals. START sampled indoor air in six basements to determine if chemicals from landfill materials were migrating into buildings. No chemicals were detected in the indoor air. Results from the April 1999 sampling showed elevated levels of PAHs and total chromium outside of the fenced area, so the fence was extended to the north in December 1999. The April 1999 sampling report also indicated that the Company manufactured munitions in Waterbury. However, insufficient historical documentation exists to confirm or deny that MEC was ever deposited in the landfill materials.

The Site was listed on the National Priority List on July 27, 2000.

EPA conducted Phase I of the RI in the fall of 2002. The Phase I Site Investigation Report summarizes the results (Metcalf & Eddy/Foster Wheeler Environmental Corporation [M&E/FWENC], 2003). Phase I included 45 surface and 76 subsurface soil samples to determine the depth of the waste materials, a geophysical survey to locate any remaining drums in the Calabrese Parcel and determine approximate bedrock depth, and surface water and sediment sampling to better define the nature and extent of waste disposal. Soil samples were analyzed for VOCs, SVOCs, pesticides, PCBs, and metals.

In 2004, EPA issued an Administrative Order (AO) to the Potentially-Responsible Party (PRP), Saltire Industrial Inc. (the corporate successor to Scovill Manufacturing Inc.), to complete the remaining RI activities. The PRP's contractor conducted approximately 90 percent of the Phase IIA RI in the summer of 2004, which included 33 surface and 64 subsurface samples, 8 monitoring well installations, groundwater sampling, surface water and sediment sampling, soil gas survey, and a storm drain survey. The PRP filed for bankruptcy in July 2004 and all work

immediately ceased. EPA acquired the existing Phase IIA data that were chemically analyzed and also evaluated other available physical data. Soil samples had been analyzed for VOCs, SVOCs, pesticides, PCBs, metals and a select number were also analyzed for dioxin/furans. A Phase IIA Technical Memorandum was produced to report the available findings (M&E/Tetra Tech EC, Inc [TtEC], 2005).

The Phase I and IIA soil sample locations are presented on Figure 1-13. Additionally, the Phase I and IIA samples are summarized on Table 2-1. An evaluation of the analytical results of these samples collected from within the landfill limits are included within the Nature and Extent section of this report.

1.4 Report Organization

This RI report is organized in to the following sections:

- Chapter 1 summarizes the work assignment purpose, Site background and Site history including previous investigations, and the organization of this Report.

- Chapter 2 presents the Site investigation program, discusses the field investigation objectives, details the analytical technical approach including the use of fixed and mobile laboratories, and describes the surface soil, subsurface soil and groundwater investigations.

- Chapter 3 presents a summary of the Site characteristics including surface features, meteorology, surface water hydrology, geology and hydrogeology, demography and land use, and local ecology.

- Chapter 4 presents the nature and extent of contamination with an interpretation of the analytical results for each medium and chemical group.

- Chapter 5 discusses the fate and transport processes affecting the distribution of the chemicals across the Site and their potential to remain on Site, breakdown or migrate to other locations.

- Chapter 6 summarizes the results from the Human Health Risk Assessment and the Baseline Ecological Risk Assessment.

- Chapter 7 presents the conclusions from this Remedial Investigation.

- Appendices are attached to the document and provide additional information pertaining to the investigation.

2.0 SITE INVESTIGATION PROGRAM

The following section summarizes the Phase III field investigation and characterization activities conducted in support of the RI. This section pertains only to field investigations performed by Nobis. Previous RI investigation data were published in previous reports and are not included herein. However these data will be used to evaluate the nature and extent of contamination in later sections in this report.

2.0.1 Field Investigation Objectives

The objectives of the field investigation activities are to generate data regarding the nature and extent of Site contamination and provide data to help select a remedy that eliminates, reduces, or controls risks to human health and the environment.

2.0.2 Data Quality Objectives

The following is a summary of the data quality objectives for the soil and groundwater investigations:

- To generate data necessary to complete a risk assessment and feasibility study that will support the selection of an approach for Site remediation that eliminates, reduces, or controls risk to human health and the environment.

- Use these data to support the ROD.

- Assess if an evaluation of potential vapor intrusion is required in the future based on VOC contaminants in groundwater.

2.0.3 Activities Completed

Field activities for the Phase III RI commenced in September 2008 and concluded in December 2008, with seven subsequent regularly scheduled quarterly groundwater sampling events spanning March 2009 through September 2010. Supplemental soil and groundwater investigations were performed in August, October, November 2010, and March/April 2011. The field investigation and sampling activities conducted in support of this phase of the RI included:

- Existing features, control point and monitoring well survey;
- Surface and subsurface drilling, and monitoring well installations;
- Sampling of surface soil, subsurface soil, and groundwater;
- Shelby tube sampling;
- Sieve analyses;
- Atterberg Limit and Incremental Consolidation testing;
- Capped Area subsurface characterization;
- Water level elevations;
- Aquifer testing;
- GPS monitoring well and Site feature survey; and
- Vertical groundwater profiling.

2.1 Analytical Technical Approach

The following section provides a description of the chemical and analytical testing approaches for the collected field samples.

2.1.1 Field Screening and Mobile Laboratory Analyses

Along with qualitative field-screening of soil samples for VOCs using a photoionization detector (PID), quantitative field screening analyses were performed by EPA's mobile laboratory chemists. Soil samples were field-screened for low-concentration PAHs, PCBs, and metals. EPA's chemist analyzed 204 soil samples for PAHs using immunoassay methods, 301 soil samples for PCBs using gas chromatograph-electron capture detector (GC-ECD) methods, and 292 soil samples for metals using x-ray fluorescence (XRF) methods. Each of the analyses were performed and reported in accordance with the approved Quality Assurance Project Plan (QAPP)(Nobis, 2008).

The results of these field screening tests were used to select samples to be analyzed using a fixed laboratory. These field results are included in Appendix A.

In August and November 2010, supplementary groundwater investigations were performed to assist in determining the nature and extent of detected VOC (particularly chlorinated VOC) contamination. Of particular concern was the detection of vinyl chloride in groundwater samples collected in the vicinity of an occupied apartment building. During these supplementary investigations 81 groundwater samples were analyzed in EPA's mobile laboratory using a GC-PID and ECD. Selected groundwater samples were submitted for fixed laboratory analyses to confirm the mobile laboratory results.

2.1.2 Field Laboratory Analysis

No field laboratory analyses (non-mobile laboratory) were performed during the Phase III RI field program.

2.1.3 Fixed Laboratory Analysis

In completing the Phase III RI sample collection, several analytical programs were utilized. These programs included EPA's Contract Laboratory Program (CLP), EPA's National Routine Analytical Services (NRAS), and Nobis' Delivery of Analytical Services (DAS) task. The majority of the analyses were performed using CLP. The CLP analyzed 348 VOC samples (113 soil, 235 groundwater), 313 SVOC samples (123 soil, 190 groundwater), 305 pesticide samples (113 soil, 192 groundwater), and 338 PCB samples (147 soil, 191 groundwater) utilizing CLP statement of work (SOW) SOM01.2. The CLP also performed 561 metals (180 soil, 381 total and dissolved groundwater) and 302 cyanide analyses (113 soil and 189 groundwater) using CLP SOW ILM05.4 for both mass spectrometry (MS) and atomic emission spectrometry (AES).

Twenty-four Synthetic Precipitation Leaching Procedure (SPLP) samples were analyzed via CLP through modified analyses under CLP SOWs SOM01.2 and ISM01.2. These SPLP analyses included VOCs, SVOCs, pesticides, PCBs, metals, and cyanide.

The EPA NRAS performed dioxin/furan analyses on nine samples using SW-846 Method 8290. It should be noted that all sample quantities include field quality control samples, if collected.

Nobis subcontracted several laboratories to perform analyses through the DAS task order. These analyses included:

- 56 SPLP samples prepared using SW-846 Method 1312 and analyzed by SW-846 6010 and 7470, performed by Mitkem Laboratories of Warwick, Rhode Island. These SPLP analyses included VOCs, SVOCs, pesticides, PCBs, metals, and cyanide.

- 20 Total Organic Carbon (TOC) samples analyzed using the Walkley-Black method and the Lloyd-Kahn Method performed by Mitkem Laboratories of Warwick, Rhode Island

- 2 asbestos bulk samples analyzed by EPA 600/R-93/116 PLM/TEM, performed by EMSL Analytical, Inc. of Woburn, Massachusetts

- 21 grain size tests (four tests included hydrometer) conducted using American Society for the Testing of Materials (ASTM) D422, performed by GeoTesting Express of Boxborough, Massachusetts

- 3 Atterberg Limit tests conducted using ASTM D4318, performed by GeoTesting Express of Boxborough, Massachusetts

- 9 moisture content tests conducted using ASTM D2216, performed by GeoTesting Express of Boxborough, Massachusetts

- 2 incremental consolidation tests conducted using ASTM D2435, performed by GeoTesting Express of Boxborough, Massachusetts

- 16 hexavalent chromium analyses performed using SW-846 7196A by Spectrum Analytical of Agawam, Massachusetts

- 7 hexavalent chromium analyses performed using SW-846 EPA Method 3060A extraction followed by EPA Method 7199 analysis (employing ion chromatography inductively coupled plasma dynamic reaction cell mass spectrometry) by Applied Speciation of Bothell, Washington

- 16 total and trivalent chromium analyses performed using SW-846 6010B by Spectrum Analytical of Agawam, Massachusetts

- 7 total and trivalent chromium analyses performed using SW-846 6020B by Applied Speciation of Bothell, Washington

Table 2-2 provides a summary of the analytical samples collected by Nobis as part of the Phase III investigation. Only those samples collected from within the landfill limits (25 acres) will be considered for further evaluation.

2.1.4 Data Validation

All data collected as part of the Remedial Investigation received some form of data validation to ascertain their reliability and usability for decision making purposes. There are three tiers or levels of data validation for analytical data in EPA Region I (New England states). Tier I data validation includes a completeness check of the data package, review of the contract compliance screening (CCS) results completed by EPA and review of performance evaluation (PE) sample results. This level also includes a review of field quality control (QC) (i.e., field blanks, trip blanks, and field duplicates) relative to the impact on the data. A statement of the use of results relative to the project data quality objective (DQOs) also is included in the data validation memo; however, the data are not qualified.

Tier II data validation includes all elements of the Tier I level review, plus an in depth review of laboratory QC results, which includes elements like Data Completeness, Preservation and Technical Holding Times, Blanks, Surrogate Compounds, Internal and Check Standards, Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate (MS/MSD), Performance Evaluation (PE) Samples/Accuracy Check, Tentatively Identified Compounds, etc. Tier II data validation also includes recalculating results to verify reported values for each method. Extensive worksheets and forms are required and qualifiers are applied to the data based on the regional functional guidelines. Based on findings, the data validator applies qualifying flags to the data results to indicate estimated or rejected data. A validation memo is generated to document limitations of data usage.

Tier III data validation includes all elements of the Tier I and II reviews, plus a more detailed review of the raw data, including more complete calculation checks and verification of calibration calculations. Review of chromatograms, mass spectra, instrument output and interpretations of results are included at this level of validation. Based on findings, the data validator applies qualifying flags to the data results to indicate estimated or rejected data. A validation memo is generated to document limitations of data usage.

Approximately 90% of the Phase I data submitted to the off-site CLP Routine Analytical Services (RAS) and Non-Routine Analytical Services (DAS) laboratories, were validated according to EPA Region I Tier I guidelines. The remaining 10% were validated according to Region I Tier II or Tier III (dioxin) protocols. Sample data, including all VOC data and all surface water and sediment data, from the EPA Region I Office of Environmental Measurement and Evaluation laboratory were reviewed by EPA according to the laboratory procedures.

When the PRP declared bankruptcy during the Phase IIA investigation, EPA acquired the existing Phase IIA raw data from the PRP's consultant. These data did not undergo any formal data validation because the investigation was halted prior to completion and EPA did not have access to any of the laboratory data.

For Phase III, approximately 90% of data submitted to the off-site CLP and Non-Routine Analytical Services (DAS) laboratories were validated according to EPA Region I Tier II guidelines. The remaining 10% were validated according to Region I Tier III protocols. Geotechnical parameters, the 2010 groundwater vertical profiling and the 2011 chemical speciation and SPLP analyses were validated according to Region I Tier I protocols.

2.2 Field Investigations and Technical Approach

This section summarizes the approach and methods used during the field investigation activities.

2.2.1 Horizontal and Vertical Surveying

Nobis subcontracted COMPASS Engineering Group, LLC of Watertown, Connecticut to complete a horizontal and vertical survey of the eight existing monitoring wells, one piezometer,

and the location of the perimeter fence. Survey locations of the foot of the perimeter fence were shot at 50-foot intervals, and the gate was also located.

Following completion of the Phase III subsurface investigation and well installation, COMPASS completed a horizontal and vertical survey of the 12 newly-installed monitoring wells and the cap-area soil boring locations, performed a series of spot checks on topography, and located additional Site features including manholes, storm drains, and a low area behind 119 Store Avenue.

A boundary survey was performed to confirm the eastern property boundaries of 110, 118, 126, and 134 Monroe Avenue. Based upon the review of the historical aerial photographs depicting filling activities, coupled with the current Waterbury assessor's maps, it appeared that waste was deposited on these properties.

Table 2-3 provides a summary of horizontal positions for soil borings, monitoring wells, and other assorted features. Elevations are provided for the groundwater elevation measuring points as well.

2.2.2 Surface Soil Investigations

The Phase III surface soil investigation, completed from October 2008 through December 2008, consisted of 48 surface soil borings (SS101 – SS155; not all identification numbers were used) advanced approximately 2 feet below ground surface (ft bgs) utilizing direct-push methodologies (Geoprobe®), hand auger or Geoprobe hand tool at locations inaccessible to the Geoprobe rig. Thirty-nine surface soil samples were collected and submitted for VOC, SVOC, pesticide, PCB, metals, and cyanide analyses (42 samples including field duplicates). An additional 16 surface soil samples (17 samples including field duplicates) were collected in June 2010 to supplement the soil data set with speciated chromium data including trivalent, hexavalent, and total chromium. Nine additional surface soil samples were collected in October 2010 for SVOC, pesticide, PCB, and metals analyses to supplement the data set in the northwest corner of the Site.

Data gathered from these borings will be used to facilitate the completion of the Human Health Risk Assessment for the varied uses and potential receptors on the Site. Separate risk

exposure areas were developed to differentiate non-contiguous areas and areas with differing Site uses or housing styles. The risk exposure areas (Areas A through J) are described in detail in the Human Health Risk Assessment document, submitted under separate cover, but summarized in Section 6.0 of this RI Report. In addition these data will be used to assist in the determination of the nature and extent of contamination at the Site. Figure 2-1 presents the surface soil sample locations overlain with the risk exposure areas.

2.2.3 Subsurface Soil Investigations

2.2.3.1 Soil Borings

The Phase III soil boring program also supported the subsurface soil investigation with the advancement of 146 soil borings. Eighty-eight borings were advanced using a direct-push drill, 37 borings were advanced using hollow-stem auger drilling techniques. Eight borings were advanced using case and wash drilling techniques, and 13 borings were advanced by hand auger. The selected drilling method corresponded to access constraints, as numerous locations were inaccessible to a conventional drilling platform, and several were inaccessible to direct-push drill tooling. Soil boring logs are included in Appendix B.

A total of 240 subsurface soil samples were collected in these borings from depths ranging from 0 to 26 ft bgs (many samples were collected as a composite of up to five feet of sample).

Collected samples were screened in the field by EPA mobile laboratory for PAHs (204 samples) using immunoassay technique, for PCBs (305 samples) using gas chromatography, and for metals using XRF analysis (297 samples). Based on the mobile laboratory field screening results, the subsurface soil sample showing the highest concentrations of contamination was sent to RAS laboratories for Target Compound List (TCL) VOCs, SVOCs and Pesticides/PCBs, Target Analyte List (TAL) metals, and total cyanide analyses.

Ten samples were chosen for dioxins/furans testing and sent through the non-RAS Laboratory Program based on presence of ash or high PCB concentrations. Ten samples were also selected for total organic carbon analysis based on PID readings and sent to a DAS laboratory. Two samples from the capped area of possible asbestos containing materials (PACM) were sent to a DAS laboratory for asbestos testing. Ten locations throughout the Site were selected for grain size analysis (without hydrometer) and sent to a DAS laboratory. Two soil samples

were collected for engineering parameters (grain size including hydrometer), moisture content, Atterberg Limits, and consolidation tests. These two samples were collected with a Shelby tube for predicting long-term consolidation settlements within the ash material. Samples were also collected above and below the Shelby tubes for grain size (without hydrometer) and moisture content to assist in characterizing the soil matrix.

A subsurface probe program was conducted within the capped portion of the Calabrese Parcel to determine the approximate nature and extent of the PCBs and select metals detected previously. Direct-push drilling of 25 soil borings in a grid-like array was performed, with continuous sampling of soil from ground surface to as deep as 20 ft bgs. Samples were screened on-Site using EPA's mobile laboratory for the presence of PCBs and select metals. Soil samples were then selected and submitted for confirmation analyses at fixed laboratories.

Two subsurface soil samples were also collected in June 2010 for total, trivalent, and hexavalent chromium analyses. These samples were collected to support risk assessment analysis and determine the speciation of the chromium contamination detected in the earlier subsurface soil sampling. Figure 2-2 presents the soil boring locations.

Twenty-four additional subsurface soil samples were collected using the direct push method in March/April 2011 for total and SPLP TCL organics and the TAL inorganics, and seven samples were submitted for total, trivalent, and hexavalent chromium analyses. These samples were collected from throughout the Site area to better understand the composition and distribution of the chromium species and also to determine the likelihood of contaminant leaching to groundwater.

During the three rounds of investigations conducted at the Site, specialists with unexploded ordnance (UXO) experience accompanied the field crews. No evidence of debris, munitions, or explosives constituents were identified or encountered.

2.2.3.2 Monitoring Well Installations

During the subsurface soil investigation, Nobis installed monitoring wells at nine locations (Figure 2-3). Two shallow wells, six multi-level wells (shallow and deep couplets), and one bedrock well were installed and constructed with 5 to 10 feet of 2-inch 0.01 slot PVC screen.

The surrounding annulus was filled from the bottom of the well to approximately 3 feet above the top of the screen with filter sand. Bentonite was added over the filter sand to effectively seal the borehole annulus. Cement/bentonite grout was then tremmied from the bentonite seal to within one foot of the ground surface to facilitate the placement of a roadbox cover seated in a drainage sand bedding layer. The roadbox was finished at the surface with a concrete seal. Monitoring well installation logs are presented in Appendix C.

The cement/bentonite grout and concrete road box set for more than 12 hours to ensure a proper seal. Well development consisted of over-pumping the wells using tubing fitted with a foot valve and transfer pump. The tubing was surged up and down to remove fine-grained sediments from the filter pack and facilitate the hydrologic connection between the well and aquifer. During development pumping, geochemical measurements were monitored and are presented in Appendix D.

The monitoring well installation information for both previously-installed and newly-installed monitoring wells is included in Table 2-3.

2.3 Aquifer Investigations

To characterize the hydrogeology of the Site area as well as the nature and extent of contamination, several aquifer tests were performed at the Site. Each of these tests provides data that assist in the development of a conceptual Site model and a contaminant fate and transport model.

2.3.1 Water Level Measurement

In 8 synoptic rounds, field staff measured water levels in 22 monitoring wells (new and existing wells) and 1 piezometer (see Table 2-4 for water level measurements). Each measurement was collected per methodologies specified in the QAPP.

2.3.2 Rising and Falling Head Tests

Aquifer testing during the Phase III Scovill Industrial Landfill field investigation included rising and falling head tests in all wells installed during the Phase III field investigation. Three shallow overburden wells; MW-2S, MW-10, and MW-13; five shallow and deep couplets; MW-7S,

MW-7D, MW-8S, MW-8D, MW-9S, MW-9D, MW-11S, MW-11D, MW-12S, and MW-12D, and one bedrock well (MW-3B).

Nobis performed rising and falling head slug tests on December 10 and 11, 2008 in 14 newly installed wells to calculate aquifer hydraulic conductivity. A known volume (slug bar) was added to or removed from the well, and the corresponding fall or rise in water level (head) within the well was recorded with respect to time. A data logger connected to a down-well pressure transducer recorded the water levels at specified intervals. The resulting "head versus time" data were used to calculate the hydraulic conductivity of the aquifer test zone using the Hvorslev (1951), Bouwer and Rice (1976) and Bouwer (1989) methodologies.

In wells with a saturated screen (water present above the top of the well screen), a falling head test (slug injection) was performed first, followed by a rising head (slug withdrawal) test. In wells where the screen straddled the groundwater surface, only the rising head test was conducted.

Specific rising and falling head tests were conducted as follows:

- The static water level (i.e., depth to water) in each well was measured and recorded using an electronic water level indicator to aid in the placement of the pressure transducer and slug bar.

- The pressure transducer was installed in the well to a maximum depth corresponding to about 1 ft. above the bottom of the well and equilibrated for 15 to 30 minutes (to allow instrumentation wiring to expand/contract before initiation of the testing).

- After equilibration, the data logger monitoring/recording sequence was initiated and several readings were recorded prior to introducing the slug bar. After several readings the slug bar was rapidly inserted and fully submerged ("instantaneously") into the well below the water surface.

- Data recorded on the pressure transducer was extracted periodically and graphed for a visual reference of the water level recovery. The data logger monitoring/recording sequence was stopped when the original static water level was reached or within a minimum of 10 percent of the original static level (90 percent recovery).

- When the falling head test was completed, the pressure transducer was prepared for a rising head test. The rising head test was then completed following the same procedures after "instantaneous" withdrawal of the slug bar.

- Data stored in the data logger were transferred to the field laptop and saved to the unique files.

2.3.3 Groundwater Sample Collection and Analysis

Eight rounds of groundwater sampling events took place between December 2008 and October 2010. Fourteen newly installed monitoring well locations and nine existing monitoring wells were sampled during each event.

Each monitoring well was sampled in accordance with the EPA Region I Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Ground Water Samples from Monitoring Wells, Revision 2, July 1996b. Low-flow samples were collected utilizing a two-inch submersible bladder pump (QED Micro-purge™) and Teflon™-lined sample tubing. The high-density polyethylene (HDPE) pump bladders, rubber o-rings, metal pull-plates, and screens were disposed of between sample locations, and the Teflon™-lined sample tubing was dedicated to each well. Air compressors or cylinders of compressed gas powered the bladder pumps during the first six rounds of sampling. Generators for the air compressors were located down wind and a minimum of ten feet from each sampling location. The last two rounds of sampling were conducted using compressed gases and automotive batteries to power the bladder pumps. Instrumentation utilized during the low-stress sample collection included a YSI 556™ multi-meter and a Lamotte 2020™ turbidimeter to collect the following field parameters: temperature, specific conductivity, pH, dissolved oxygen, redox potential, and turbidity in accordance with EPA low-flow sampling protocol. Low-flow sample collection logs as well as a summary of monitored geochemical parameters are included in Appendix E. Each of these instruments was calibrated daily and checked for drift at the conclusion of each day's activities.

All low-flow groundwater samples were submitted for TCL VOCs, SVOCs, pesticides/PCBs, and TAL total and dissolved metals and total cyanide analyses. Associated QC samples, including

trip blanks, equipment blanks, field duplicates, matrix spike/matrix spike duplicates (MS/MSDs) and performance evaluation samples were also collected and analyzed.

During the supplemental groundwater investigations conducted in August and November 2010, groundwater samples were collected using direct-push drilling techniques coupled with the advancement of a temporary discrete interval stainless-steel well screen. Groundwater samples were collected using a peristaltic pump and transferred to sample containers, which were then transferred to the on-Site EPA chemist. Split samples were submitted for confirmation TCL VOC analysis using the CLP.

3.0 SITE CHARACTERISTICS

3.1 Surface Features

The Site is generally flat and slopes slightly to the south. As shown on Figure 1-2, the eastern and western portions of the Site are bordered by steep upland hills.

Approximately 18 of the 25 acres of the Site are developed along Store Avenue and Dunbar Street, and consist of two and three story residential structures (single family homes and apartment buildings), small commercial buildings that include a landscaping firm, child daycare facility, elderly housing, social club, department store, cab service, former medical office, car repair shop, and a shopping mall (East Gate Shopping Plaza). The remaining 7-acre parcel is undeveloped and was in the initial stages of development by Calabrese Construction, Inc. prior to listing of the Site on the National Priorities List. Approximately 4 of the 7 acres are currently fenced and posted.

3.2 Meteorology

The Site is located in a temperate climate characterized by wide variations in seasonal and daily temperatures. The following climate data were obtained between 1971 and 2000 from the Wigwam Reservoir, Connecticut COOP Weather Station Number 069568 that is approximately 9 miles northwest of the Site. The average annual daily temperature is 47 °F, with an average high temperature of 59 °F and an average low of 35 °F. The maximum average low temperature recorded over the period is 52.7 °F in July, while the maximum average high temperature recorded was 83 °F, also in July. The minimum average low temperature for the

period is 12.6 °F in January and the minimum average high temperature is 34.1 °F, also reported in January. The average annual precipitation for the period was 51.03 inches, with the driest month being February with an average of 3.17 inches of precipitation falling. Conversely, the wettest month recorded is September with approximately 4.63 inches of precipitation falling (NOAA, 2002).

3.3 Surface Water Hydrogeology

The Site is located in the Naugatuck River drainage basin in the middle-west portion of Connecticut, and is within the valley historically created by Carrington Brook. Because much of the Site area is paved by parking lots and active streets, precipitation falling onto the Site generally is directed to the existing storm drainage system. Any unpaved surfaces are generally well-vegetated and relatively flat, thus promoting percolation through the vadose zone into groundwater. The Calabrese Parcel is the only parcel that is completely unpaved. Any precipitation on the Calabrese Parcel that does not percolate through soil will follow Site topography to either the northern to northeastern perimeter of the property.

Figure 3-1 depicts the drainage improvements at the Site and immediate downstream area. In 1946, the City of Waterbury completed a storm drainage improvement project and redirected Carrington Brook (beginning at the headworks 0.5 miles north of the Site at east of Wolcott Road) into a subsurface 54-inch reinforced-concrete pipe connected to the regional storm drainage system. (See Figure 1-3 for the original location of Carrington Brook.) The PRP contractors performed a drainage system survey in May of 2004, and concluded that both underground portions of Carrington Brook and the area storm drainage system passing through the Site emerge from a pipe discharging into a set of small ponds at Hamilton Park, approximately 0.6 miles southwest of the Site (Figure 1-1). A free-flowing and non-culverted Carrington Brook exits from the ponds, entering the Mad River and flowing west/southwest for approximately 2 river miles (portions underground) before discharging into the Naugatuck River. The Naugatuck River flows south approximately 18 river miles prior to merging with the Housatonic River at Shelton, Connecticut. The Housatonic River continues south for approximately 12 river miles, ultimately discharging into Long Island Sound at Stratford, Connecticut.

Based upon a review of City documents and plans (City of Waterbury 1952a, 1952b, and 1962), portions of the on-Site Carrington Brook/storm drain system likely sit in groundwater. However, no information exists to suggest groundwater infiltration into the storm drain system is occurring.

There are also two seasonally wet areas located in depressions on the eastern and western edges of the Calabrese parcel. These are topographic lows created by the raised surface of the Calabrese Parcel cap area on one side and the uphill slopes of Monroe Avenue on the west and Academy Avenue on the east. In the eastern area, precipitation and surface water runoff from the sloping backyards on Academy Avenue, Dallas Ave and the Sanford Condominiums as well as a small portion of the Calabrese Parcel are eventually trapped with no outlet by the raised surface of Radcliffe Avenue. In the western area, precipitation and surface water runoff from the Calabrese parcel and the sloping backyards on Monroe Avenue and the Meriden Apartments are eventually trapped with no outlet by the raised area behind 119 Store Avenue. There is no standing water during dry periods.

Aside from the small pond at Hamilton Park, the nearest surface water body is the Mad River, located approximately 1 mile southwest and downgradient of the Site. According to the DEEP Use and Value of Groundwater evaluation, Site groundwater is incorporated into the regional groundwater flow towards the Mad River.

The Site area is located outside of the 500-year floodplain (US Department of Housing and Urban Development, 1979); however Site observations have indicated that topographic low areas in the northeastern and southwestern portions of the Site are seasonally wet and accumulate runoff from adjacent on-Site and off-Site areas.

Upstream of the Site, the drainage area was estimated to be 0.7 square miles, with an estimated mean flow rate of approximately 1.5 cubic feet per second (cfs). The upstream drainage area comprises developed urban land (60%) with the remaining being primarily undeveloped forested land. The Carrington Brook drainage area downstream of the Site is approximately 0.5 square miles and is also dominated by urban development. The nearest U.S. Geological Survey (USGS) gauging station (No.01208500) is located approximately 12 river miles downstream of the Site on the Naugatuck River. The average annual flow rate at this station is 530 cfs (USGS, 2011).

3.4 Geology

The following sections present data detailing the current geological and hydrogeological conditions at the Site.

3.4.1 Surficial Deposits

Based on the Phase I (2002), Phase IIA (2004), and Phase III (2008) soil investigations, along with a subsequent review of available boring logs and field notes, the overburden subsurface lithology of the Site primarily consists of 12 to 18 feet of a dark brown, gray, and black ash/waste mixed with varying amounts of silt and sand. Other debris such as wood fragments, slag, and metal were also encountered during the Phase I investigations. Several Phase III soil borings located in the southwestern and central portions of the Site encountered a discontinuous peat layer ranging between 13 to 24 ft bgs and between 6 inches and 5 feet in thickness. At three locations (SB02, SB04, and SB20), Phase I boring logs for deeper samples (approximately 20 ft bgs) indicate clayey silt/silty clay with little to trace gravel (dense) but these strata are not described as till. Phase III boring logs for deeper soil borings indicate a saturated, very dense sandy silt layer with some gravel at depths of between 11 and 22 ft bgs. This layer is characterized as till.

Blow counts and soil descriptions recorded during sampling activities characterize the ash waste generally as soft, fine, and black in color (M&E/FWENC, 2003). The ash material when found was deepest through central portions of the Site (18 ft bgs) and extends to the southern boundary as well as the eastern and western side slopes. Along the southern edge of the Site, ash depths reach approximately 14 ft bgs as identified in borings SB11 and SB18 during Phase I, and SB39 and SB40 during Phase IIA. Figure 3-2 through Figure 3-4 provides a summary of the landfill waste thickness within the landfill limits.

Additionally, in the southern portion of the Site, the fill material appears to extend onto several other properties along Meriden Road not included in the original 1999 Site delineation (Weston, 1999). The waste appears to terminate at the northern end of the Site prior to reaching Dallas Avenue in the vicinity of a small wooded area, the adjacent wetlands, and the Meridian Apartments (Figure 1-11).

3.4.2 Bedrock

Bedrock at the Site is mapped as Waterbury Gneiss Formation which is characterized as a dark gray, fine to medium grained composite of schist and gneiss. Phase I/IIA activities did not include any bedrock coring. One Phase III bedrock borehole was advanced to a depth of 70 ft bgs (approximately 21 feet into bedrock). The MW-3B borehole reached the bedrock surface at approximately 49 ft bgs (although a previous seismic refraction study had estimated the depth to be approximately 35 ft bgs; which may have been the till layer). Bedrock was reached at 63 ft bgs in MW-12D, located approximately 245 feet southeast of MW-3B. This corroborates the seismic refraction study finding of bedrock sloping south to southeast at approximately 5 percent dip (M&E/FWENC, 2002). The core log for this borehole describes the rock as a dark gray/black medium to fine-grained gneiss/schist composite with high-angle thin bedding. Though in other deep soil borings overburden drilling refusal was noted but, rock coring and bedrock confirmation were not performed.

3.5 Hydrogeology

3.5.1 Permeability Tests

In-situ permeability testing was performed in 2004 and again in 2008. The two data sets appear to correlate well with each other with a regression R^2 value of 0.996.

As summarized in Table 3-1 and shown on Figures 3-5 and 3-6, the calculated hydraulic conductivities of the shallow overburden range from 0.1 feet per day (ft/d) to 25.3 ft/d, while the deeper overburden range from 0.47 ft/d to 7.23 ft/d. The standard deviation of the 2008 shallow aquifer permeability is 8.53, while the deeper aquifer is 2.31.

One permeability test was performed in the sole bedrock well and yielded a calculated permeability of 0.1 ft/d (3.5×10^{-4} centimeters per second).

Of particular note is the extremely low hydraulic conductivity noted in shallow overburden well MW-12S, which at 0.1 ft/d, is similar to the bedrock unit. MW-12S was installed in the fill zone. However, unlike the remaining shallow wells, this well was installed in a soft to very soft plastic overburden material, which likely inhibits groundwater flow into and around the well. When this

well was purged during groundwater sampling events, it could only be sampled after recharging overnight.

The broader range of measured hydraulic conductivity and larger calculated standard deviation when coupled with the Site history of landfill activities and soil boring observations suggest that the shallow aquifer matrix is more heterogeneous in distribution, compared to the deeper overburden aquifer. The tighter range of calculated hydraulic conductivities and smaller standard deviation in the deeper aquifer (2.7 compared with 7.8 in the shallow aquifer) suggests the native undisturbed materials represent a different aquifer.

3.5.2 Groundwater Levels and Potentiometric Levels

Between December 2008 and October 2010, Nobis collected eight synoptic rounds of groundwater elevations. In most of the measured monitoring wells, groundwater elevations were highest in March and lowest in June, though seasonal variations in potentiometric levels were minimal (i.e., generally less than 1 foot). Recorded potentiometric elevations ranged from a high of approximately 441 feet above mean sea level (ft msl) to a low of approximately 424 ft msl. These elevations represented depths to groundwater ranges between 2.3 feet and 16 feet below measuring point. The highest groundwater elevations were recorded during March 2010 monitoring round, while the lowest elevations were recorded in the August 2010 round. Off-site monitoring wells MW-1 and MW-13 exhibited the shallowest and deepest groundwater levels during each monitoring round. The fall 2010 round of water elevation monitoring recorded the lowest Site-wide groundwater elevations, possibly in response to a dry summer season. Table 2-4 summarizes the groundwater elevation data.

Some irregularities with respect to the potentiometric levels in the shallow overburden aquifer were noted and attributed to the poorly graded shallow aquifer matrix, the presence of numerous underground utility corridors, or potentially leaking underground water utilities. This irregularity was not observed in the deeper overburden aquifer where the native soil matrix is more uniform, and there are few, if any utilities or disturbed soil corridors.

The potentiometric level in the one bedrock well on Site varied between approximately 429 ft msl and 431 ft msl between December 2008 and October 2010. This elevation is consistent with the overlying overburden aquifers.

Figures 3-7 through 3-10 provide interpretations of the average spring and fall potentiometric surfaces of the shallow and deep overburden aquifers.

3.5.3 Hydraulic Gradients

The shallow aquifer hydraulic gradient was calculated to be approximately 0.009 feet per foot for the length of the flow field from a high point at MW-1 to the low point at MW-6S. Calculated hydraulic gradients in the deeper aquifer range between 0.005 and 0.006 feet per foot. The deeper monitoring wells are primarily located in the central and southern portions of the Site. Neither the shallow nor deep aquifers exhibited significant seasonal fluctuations.

3.5.4 Horizontal Flow

Groundwater within the shallow and deep overburden generally follows the historical Carrington Brook drainage path. Groundwater flows onto the Site from the north, east, and western perimeters. The groundwater flows through the Site and discharges along the south and southwestern portions of the Site. Figure 3-7 through Figure 3-10 indicate slight changes in the overburden potentiometric surface particularly within the center of the Site area. This slight steepening in the hydraulic gradient may be in response to the lower groundwater elevations noted in the fall season. Groundwater flow in the southern part of the Site may be affected by the presence of subsurface utilities as groundwater elevations decrease more rapidly in the lower third of the Site.

According to the September 29, 2010 DEEP Groundwater Use and Value Determination, groundwater beneath the Site is incorporated with the regional groundwater flow, towards the Mad River, approximately 1 mile southwest of the Site.

3.5.6 Vertical Flow

Table 3-2 summarizes the calculated vertical flows for each of the monitoring rounds. Based on the June 2010 groundwater elevations from well couplets MW-3S/D/B, MW-4S/D, MW-6S/D, MW-7S/D, MW-9S/D, MW-11S/D, and MW-12S/D, vertical gradients appear to be minimal, generally downward (except MW-6/6D and MW-8S/8D), at times reversible, and not suggestive of any significant vertical water movement between the shallow and deep portions of the

overburden or between the overburden and bedrock units. Additionally, there appears to be little, if any seasonal fluctuation within vertical gradients. A consistent vertical flow in the upward direction was noted between the sole bedrock and deep overburden couplet at MW-3B and MW-3D.

3.5.7 Site Hydrogeological Summary

The groundwater underlying the Site is classified by DEEP in the 2011 Connecticut Water Quality Standards as GB, indicating "…a historically highly urbanized area or an area of intense industrial activity and where public water supply service is available. Such ground water may not be suitable for human consumption without treatment due to waste discharges, spills or leaks of chemicals or land use impacts." Based upon available soil boring observations coupled with permeability data and groundwater elevations, two separate overburden hydrogeologic units (fill material and till deposits), and one bedrock hydrogeologic unit are present beneath the Site. Although till was found overlying bedrock, it does not act as an aquaclude based on a relatively high permeability.

The shallow aquifer unit is characterized as a heterogeneous fill material composed of various amounts of silty sand and gravel, ash, and debris exhibiting widely-varying hydraulic conductivities. The shallow overburden aquifer underlies the entire site and occupies the filled portion of the subsurface, extending as deep as 20 ft bgs. Groundwater flow within this zone may be affected by the presence of subsurface utilities as groundwater elevations decrease more rapidly in southern portions of the Site. The rising-head hydraulic conductivities of the shallow monitoring wells varied widely from 0.1 to 24.8 ft/d, and the geometric mean hydraulic conductivity of this aquifer unit was 2.3 ft/d.

The deeper overburden aquifer unit is characterized as a till material consisting of poorly graded silty sand and gravel. A thin layer of peat material was observed in some areas separating the fill from native deposits. The hydraulic conductivities of the deeper monitoring wells range from 0.4 to 7.9 ft/d with a geometric mean hydraulic conductivity of 2.2 ft/d. While the geometric mean of the deeper aquifer is only slightly less than the shallow zone, the variability of the conductivities is minimal (standard deviation of 2.7, compared with 7.8 of the shallow zone) suggesting that the deeper zone does represent a different aquifer from the shallow zone.

The bedrock aquifer unit is characterized as dark gray/black medium to fine-grained gneiss/schist composite with high-angle thin bedding. No specific capacity testing was completed for this well; however permeability test results indicate a permeability of 0.1 feet per day (for a 15-foot screen). The bedrock surface slopes south-southeast at approximately a 5 percent dip.

Both overburden aquifer units exhibit similar groundwater flow directions, from topographically-high zones to lower zones (south to southwest, following the historical flow path of Carrington Brook). Only one bedrock monitoring well is located at the Site, and groundwater flow direction could not be determined.

Hydraulic gradients through the center of the shallow overburden aquifer are estimated to be 0.009 feet per foot, while the hydraulic gradients in the deeper aquifer were less than the shallow aquifer, between 0.005 and 0.006 feet per foot. No significant seasonal fluctuations in the hydraulic gradients were noted.

These vertical gradient data suggest that minimal vertical flow exists between the shallow and deeper overburden. These flows are variable, generally downward (except MW-6/6D and MW-8S/8D) and reversible on occasion. A consistent vertical flow in the upward direction was noted between the sole bedrock and deep overburden couplet at MW-3B and MW-3D.

3.6 Demography and Land Use

The City of Waterbury, Connecticut is a medium-density city. As of the 2010 US Census, the city population is estimated at 110,366 people. Existing municipal zoning of the Site area is primarily classified as Arterial Commercial with smaller portions classified as Neighborhood Shopping, however, much of the current usage is multi-family residential. The only property on the Site zoned Low-Density Residential is the apartment complex at 136 Store Ave. (City of Waterbury, 1999); all other properties are zoned as light commercial. Land usage in the areas proximal to the Site is urban and includes both residential and commercial.

While much of the Site is covered by buildings, parking areas, and roadways, the Calabrese Parcel at the northern extent remains undeveloped. The Calabrese Parcel was the focus of previous CTDEEP remedial activities and is enclosed by a chain-link fence and locked gate.

There was no evidence of trespassing at the Calabrese Parcel during performance of the RI Phase III.

The City of Waterbury obtains potable water from a series of reservoirs located between 15 and 30 miles northwest of the Site. According to the START report, an estimated 40,970 people are served by groundwater potable supplies that are located between one and four radial miles from the Site. City health and water officials stated that no potable water wells had been installed within the Site or surrounding area.

According to the DEEP Groundwater Use and Value Determination, the Site overlies a GB aquifer and the groundwater within the GB classification (which includes the groundwater beneath the Site) was assigned a value of "Low." The GB aquifer extends south to Interstate 84 and east of the Mad River. Areas west of the Mad River, or south of Interstate 84 are assigned a GA aquifer status was given a value of "Medium."

A small pond in Hamilton Park is the only viable swimming and fishing area in the vicinity of the Site. Observations of fishing at the pond have been made by EPA contractors and DEEP personnel. However, no evidence of swimming in this pond was ever observed. Additionally, Hamilton Park appears to be the only recreation area near the Site. No other playgrounds, parks, or other areas are located in the immediate area.

3.7 Ecology

The majority of the Site area is occupied by structures or paved areas; however the northern portion of the Site is undeveloped. Two ephemeral wetland areas (12,900 square feet and 5,400 square feet) are located in the northeast (Wetland 1) and northwest (Wetland 2) portions of the Calabrese parcel (Figure 1-2), respectively. The limits of these wetlands were estimated during the performance of the Baseline Ecological Risk Assessment (BERA) and have not been officially delineated (EPA, 2010). The undeveloped upland portion of the Calabrese parcel does not provide sufficient habitat and resources to sustain a terrestrial population as it does not contain tree cover and is not heavily vegetated.

EPA performed a BERA in 2008, which focused on the two ephemeral wetland areas located along the northern portion of the Site. No formal habitat/biological community survey was

completed, but the two wetland areas contain species of willow, cottonwood, and Norway maple trees as well as shrubs and grasses (some of which are invasive species). Both wetland areas dry up in the summer. These wetlands also contain rubbish and quantities of household wastes, such as white goods, tires, paper, plastics, and engine oil filters.

The wetlands do not serve as a wildlife corridor to other terrestrial/aquatic habitats, and aside from the urban-adapted birds and mammals, the anticipated receptor populations are considered to be small relict populations (EPA, 2010). Refer to the BERA for further details.

4.0 NATURE AND EXTENT OF CONTAMINATION

This section presents the summaries of analytical results developed by the various investigations performed at the Site to characterize the nature and extent of chemical contamination in the Site environmental media. To help clarify the analytical results, Section 4 provides an overview of potential contaminant sources and comparisons of analytical results for Site environmental data to available benchmark criteria. All data collected from within the landfill limits will be used in these evaluations. Appendix G includes tabulated summaries of all analytical data collected from within the landfill limits as well as all sediment and surface water data. Analytical data collected from areas beyond the limit of the landfill are included in Appendix H.

Because much of the Site is already developed for residential/commercial use, it was divided into a series of risk exposure areas as shown on Figure 2-1 through Figure 2-3. Dividing the Site this way assists in examining the data on a scenario-specific basis. As indicated on Figure 1-10, each of the Risk Areas is classified as either residential or commercial/industrial based upon their current uses.

To evaluate the nature and extent of the contamination at the Site, a series of screening values or benchmarks were utilized. The following list provides the selected screening criteria by environmental media and the rationale for the selection:

<u>Soil</u>

- Connecticut Pollutant Mobility Criteria for Soil – GB Mobility Criteria

- State of Connecticut Regulation Concerning the Remediation Standard – Appendix B to Sections 22a-133k-1 through 22a-133k-3 and Additional Polluting Substances provided by DEEP in their 2008 listing.

- State of Connecticut Regulation Concerning the Remediation Standard, Section 22a-133k-2(c)(2)(D), using the GWPC multiplied by ten in specific circumstances.

- Utilized to evaluate the potential for contaminants to leach from soil particles when exposed to precipitation flushing and applies to soil that is present above the seasonal-low water table within an area designated by the State of Connecticut as a GB area. The Site is located in a GB area.

- Connecticut Direct Exposure Criteria – Residential

  - State of Connecticut Regulation Concerning the Remediation Standard – Appendix A to Sections 22a-133k-1 through 22a-133k-3.

  - Utilized to evaluate contaminant impacts on a residential human health population via direct contact, such as walking, recreating, or yard work and applies to portions of the Site is occupied by residential housing units or other uses included in the residential definition in the RSRs. This RI is evaluating analytical data based upon current property usage.

- Connecticut Direct Exposure Criteria – Commercial/Industrial

  - State of Connecticut Regulation Concerning the Remediation Standard – Appendix A to Sections 22a-133k-1 through 22a-133k-3.

  - Utilized to evaluate contaminant impacts on a industrial/commercial (worker) human health population via direct contact, such as walking, driving, or office work and applies if the contamination is limited to the area individuals work in or infrequently visit, provided an activity and use restriction is in place that would prevent future residential use. While the Site does not currently have activity and use restrictions, it will be evaluated as if it did.

Groundwater

- Connecticut Volatilization Criteria for Groundwater – Residential Criteria

  - State of Connecticut Regulation Concerning the Remediation Standard – Appendix E to Sections 22a-133k-1 through 22a-133k-3. Connecticut Volatilization Criteria for Groundwater.

  - Utilized to determine the potential for migration of volatile contaminants as a vapor from groundwater through the vadose zone and into residential structures such as basements/crawlspaces or structures constructed on slabs and applies to any groundwater within 15 feet of the ground surface or building containing volatile organic substances. Because much of the property is occupied by residential units or has other uses included in the residential definition in the RSRs, the residential criteria are applied throughout most of the Site.

- Connecticut Volatilization Criteria for Groundwater – Industrial/Commercial Criteria

  - State of Connecticut Regulation Concerning the Remediation Standard – Appendix E to Sections 22a-133k-1 through 22a-133k-3. Connecticut Volatilization Criteria for Groundwater.

  - Utilized to determine the potential for migration of volatile contaminants as a gas from groundwater through the vadose zone and into commercial/industrial structures and applies to any groundwater within 15 feet of the ground surface or building containing volatile organic substances. Portions of the Site are occupied by industrial/commercial enterprises, and shall be evaluated as such.

- Connecticut Surface Water Protection Criteria

  - State of Connecticut Regulation Concerning the Remediation Standard – Appendix E to Sections 22a-133k-1 through 22a-133k-3. Connecticut Surface Water Protection Criteria.

- Utilized to determine the potential for migration of contaminants from groundwater through a plume into a surface water body and whether the plume will interfere with any designated uses.

Sediment

- Screening benchmarks included in the baseline ecological risk assessment. These values were derived from a variety of source documents. The specific citations for each of these screening values are provided in the BERA (TechLaw, 2010).

4.1 Potential Source Descriptions

While the Site was receiving waste, landfilling operations proceeded northward from Meriden Road. The landfilled waste reportedly consisted of ash, cinders, debris, metal materials and other unknown waste materials generated by the Company's operations. Presumably, the ash materials are derived from the burning of coal; however, the specific components of the wastes disposed of at the Site are not known. While much of the Site area appeared to have received a consistent waste material, the waste material excavated from the Calabrese Parcel appeared to contain materials not observed in other areas of the Site (e.g., high PCB concentrations, capacitors, rusted drums, and sludge). A portion (2,300 tons of contaminated soil and several PCB-containing capacitors) of the waste material present at the Calabrese Parcel was excavated by DEEP in 1998. The removal action was completed solely to remove waste material present at the ground surface; there is a possibility that additional similar waste material, including buried drums and/or additional capacitors, may be present at the Calabrese Parcel. However, there was no indication of these types of materials in a geophysical survey conducted in 2002 (Metcalf & Eddy/Tetra Tech, 2003). Additionally, one debris sample collected from 10 to 12 ft bgs on the Calabrese Parcel contained 16.2% asbestos (chrysotile). No other potential asbestos containing materials were noted during the performance of the Phase III RI program, and it does not appear to be a common waste component.

Based upon remote sensing data and soil boring observations, the limit of the landfill materials has been estimated to be 25 acres in area, as shown on Figure 1-11. The waste thickness varies from as little as one foot to as much as 20 feet, and occupies approximately 420,000

cubic yards of volume. The waste is thickest through the middle of the Site, and tapers along the periphery as indicated on Figure 3-2 through Figure 3-4.

4.2 Soil Analysis Results and Interpretation

For the purposes of this evaluation, surface soil is assumed to represent soil present between ground surface and 2 feet below ground surface. The analytical results of these surface soil samples are summarized in Tables 4-1A-H and Tables 4-2A-G for residential and commercial parcels, respectively. Soil samples collected from depths greater than 2 feet but less than or equal to 10 ft bgs are considered subsurface samples, and these analytical results are summarized in Tables 4-3A-H and Tables 4-4A-H for residential and commercial parcels, respectively. Soil samples collected from greater than 10 feet are considered deep subsurface soil samples. Deep subsurface soil sample analytical results are summarized on Tables 4-5A-H and Tables 4-6A-H for residential and commercial parcels, respectively. It should be noted that soil samples collected from below the groundwater surface (averages approximately 10 ft bgs) are not included in the HHRA, but are included in the description of the nature and extent of contamination. As many as 127 surface soil samples, 131 subsurface soil samples, and 76 deep subsurface soil samples (individual sample counts vary by analyte) have been collected from the Site since 1999.

4.2.1 Organic Compounds in Soil

Varying concentrations of organic substances including VOCs, SVOCs, pesticides, PCBs, and dioxins/furans in soil samples were detected in both residential and commercial portions of the Site. The following section describes the nature and extent of organic contaminants at the Site.

4.2.1.1 VOCs in Soil

Table 4-1A through Table 4-6A provide summaries of VOC data collected from surface, subsurface, and deep subsurface soil samples at the Site. Figure 4-1 provides a spatial summary of these data.

Methyl tert-butyl ether

The most-prevalent VOC detected in surface soil throughout the Site was methyl tert-butyl ether (MTBE), a gasoline oxygenate additive introduced in the mid to late 1970s. A large amount of vehicular traffic and parking occurs at the Site, and the higher MTBE detections at all soil depths appear to be primarily located beneath or proximal to parking areas. Therefore, these low detections of MTBE are likely attributable to current Site usage activities rather than associated with the waste materials deposited prior to the mid 1970s. None of the MTBE detections in soil samples were at concentrations that approached any of the associated action/screening levels.

Acetone

Acetone was detected in approximately 26% of the surface soil samples collected and a greater percentage of subsurface and deep subsurface soil samples. While the presence of acetone at the Site may be associated with the presence of coal ash materials or partial-combustion byproducts, the maximum acetone concentrations reported were several orders of magnitude lower than any of the action level/screening criteria, and is not considered to represent a threat.

Benzene

Benzene was detected in only one of 113 surface soil samples. This detection in surface soil was below screening levels. Of the 54 subsurface soil samples collected, benzene was detected in one sample (2,100 ug/Kg in SB145 at approximately 9 ft bgs); however this single detection located in the southern portion of 50 Store Avenue (Risk Area I) exceeded the DEEP GB PMC criteria. This detection represents the maximum benzene concentration detected in all soil samples at the Site. Two deep subsurface soil samples (collected at between 16 and 17 ft bgs, well below the groundwater surface in Risk Area H) also had benzene concentrations, although only one of the two exceeded DEEP GB PMC (330 ug/Kg in SB139 at 16 ft bgs and well below the groundwater surface). It should be noted that each of the two benzene soil exceedances are located beneath active paved parking areas. These samples also exhibited some MTBE contamination suggesting that the benzene contamination may be the result of spillage of gasoline onto the parking areas. Additionally, follow-up subsurface soil sampling for leaching potential via SPLP analysis reported no detections of benzene. These two detections which exceed DEEP GB PMC out of 253 soil samples do not appear to indicate that benzene is a widespread waste constituent, but rather likely results from small-scale localized releases.

Carbon Tetrachloride

Carbon tetrachloride was detected in two soil samples collected from SB163 at approximately 7 ft bgs and SB121 at approximately 13 ft bgs (and likely below the groundwater surface). Of these two detections, the detection at SB121 (detected at 4,000 ug/Kg at 263 Meriden Road in Risk Area D3) exceeded the DEEP GB PMC. The primary uses of carbon tetrachloride are as reaction chemical in the production of refrigerants, as a dry cleaning solvent and spot remover, as a degreaser, and as a fire extinguishing liquid. Follow-up subsurface soil sampling in these general areas for SPLP analysis did not report any carbon tetrachloride concentrations. This single detection of carbon tetrachloride, while elevated, is not consistent with the remaining Scovill-derived waste materials and is potentially due to post-development activities. However, the source of the carbon tetrachloride detection is not known.

Tetrachloroethylene

Tetrachloroethylene (PCE) was detected in five surface soil samples and represents the highest VOC concentration of all the surface soil VOCs (390 ug/Kg at SS109). SS109 is located at the edge of the parking lot located east of the Dunbar Cove Apartments at 41 Dunbar Street in Risk Area D1 (Figure 2-1). None of the surface soil PCE detections exceeded action/screening levels for PCE.

PCE was detected in subsurface soil samples as deep as 13 ft bgs. One deep subsurface sample (SB18 located on 235 Meriden Road/Risk Area G at 13 ft bgs) exceeded DEEP GB PMC criteria with a concentration of 12,000 ug/Kg. PCE is a commonly-utilized industrial solvent, and some of its more common uses include dry cleaning applications and metal parts and automotive degreasing applications. 235 Meriden Road is currently operating as an automotive service business and has operated as such since approximately 1955, when Scovill first sold the property for development. Because this sample exhibits a significantly higher PCE concentration compared to the remaining positive detections of PCE, it is likely that this detection is related to post-development land uses rather than Scovill-emplaced waste materials. PCE was detected in follow-up subsurface soil sampling for SPLP analysis, but these concentrations were less than 10 times the DEEP GA Groundwater Protection Criteria (GWPC) screening level.

Trichloroethylene

Similar to PCE, Trichloroethylene (TCE) was intermittently detected in surface soil samples, but more-frequently detected in subsurface soil samples. The TCE detections reported in subsurface and deep subsurface soil samples were generally well below action/screening levels. These low TCE detections may have been the result of small-scale solvent spillages during waste emplacement, development activities, or as part of post-Scovill business operations. However, two TCE samples exceeded DEEP GB PMC criteria. One of these TCE detections was from SB45 located near a former landscaper equipment yard and a taxi cab facility. The other location, SB18, is the same sample location as the PCE exceedance identified above. Similar to PCE, TCE is also a commonly-used solvent with similar applications to the uses of PCE. Since the detections of TCE were significantly greater than the majority of the remaining positive TCE detections, and that the TCE exceedances were found in the same sample location as the PCE exceedance, it is likely that PCE and TCE detected in SB18 have a common origin. Further analysis using the 95% Upper Confidence Limit found TCE below the PMC based on 10 times the GA GWPC (see Appendix I).

4.2.1.2 SVOCs in Soil

As many as 50 different SVOC target compounds and numerous SVOC tentatively-identified compounds were detected in Site soil samples. A major component of the landfilled waste material is reportedly coal-based ash, and the detection of numerous SVOCs (particularly PAH compounds) is expected (National Research Council, 2006). Table 4-1B, Table 4-2B, Table 4-3B, Table 4-4B, Table 4-5B, and Table 4-6B provide data summaries for SVOCs in surface, subsurface, and deep subsurface soil samples on commercial and residential parcels. Additionally, Table 4-3J and Table 4-4J present statistical summaries for SVOCs detected in SPLP samples. Figure 4-2 and Figure 4-3 provide summaries of the distribution of carcinogenic PAHs and all other SVOCs, respectively.

PAHs

The most prevalent SVOCs detected in surface soil throughout the Site (i.e., detection frequencies greater than 90%) included the PAH compounds: benzo(a)anthracene; benzo(a)pyrene; benzo(b)fluoranthene; benzo(g,h,i)perylene; benzo(k)fluoranthene; chrysene; fluoranthene; indeno(1,2,3-cd)pyrene; phenanthrene; and pyrene. The presence of a similar

distribution of PAH compounds in both subsurface and deep subsurface soil samples suggests a consistent pattern of PAH constituency in the wastes throughout the Site area. It should be noted that PAHs, particularly benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, benzo(k)fluoranthene, and indeno(1,2,3-cd)pyrene are present in asphalt. Given the amount of paving on Site (parking areas and roadways), PAHs from road dusts originating from vehicle emissions, and the wearing of tires and asphalt are likely deposited on surface soil (see Appendix J). These dusts and breakdown of asphalt products likely make their way into shallow soils sampled immediately below these paved surfaces.

Using EPA's Order of Potential Potency for carcinogenic PAHs (benzo(a)anthracene; benzo(b)fluoranthene; benzo(k)fluoranthene; benzo(a)pyrene; chrysene; dibenz(a,h)anthracene; and indeno(1,2,3-cd)pyrene) the relative potency of the carcinogenic PAHs was calculated (EPA, 1993). This method normalizes the concentrations of the various carcinogenic PAHs for evaluation against benzo(a)pyrene. The concentrations of these benzo(a)pyrene equivalent values in surface soil samples range between 10 ug/Kg and 6,774 ug/Kg, and exceed the 1,000 ug/Kg DEC and GB PMC in approximately 20% of the surface soil samples collected. Subsurface soil samples exhibit benzo(a)pyrene equivalent concentrations ranging between 0.045 ug/Kg and 80,779 ug/Kg. Follow-up subsurface soil samples collected for SPLP analysis detected several PAH compounds; however none of these detections was above screening criteria. Figure 4-2 presents these calculated benzo(a)pyrene equivalent results in surface soil and subsurface soil samples.

As noted in previous investigations, moderate molecular-weight PAH compounds including fluoranthene, phenanthrene, and pyrene make up the majority of the PAH contaminant mass. High molecular-weight PAH compounds (benzo(a)pyrene, dibenzo(a,h)anthracene, and benzo(g,h,i)perylene) were detected at slightly lower concentrations, and the low molecular-weight PAH compounds such as Naphthalene and 2-Methylnaphthalene were typically detected at the lowest concentrations.

Based upon a comparison of the PAH data to DEEP DEC and PMC, the PAH contamination appears to be widespread throughout each of the risk areas; however, potions of Risk Areas D1, E1, and F do not appear to contain PAH contamination in excess of DEEP action levels. The results of the SPLP investigation indicated that none of the PAHs detected in soil samples

leached sufficiently to exceed screening levels. The HHRA quantifies the potential risks associated with the PAH contamination in surface and subsurface soil samples.

Bis(2-ethylhexyl) phthalate

Bis(2-ethylhexyl) phthalate (BEHP) is commonly utilized as a plasticizer and is found in numerous consumer products (Merck, 2001). BEHP was detected in approximately 58% of the surface soil samples collected (56% of the samples from residential parcels and 68% of the samples from commercial parcels). Only one surface soil sample (SS-36 at 11,000 ug/Kg) exhibited a concentration exceeding DEEP GB PMC. Subsurface soil samples exhibited positive BEHP detections in more than 60% of the samples collected with concentrations ranging from 22 ug/Kg to 16,000 ug/Kg. BEHP was detected in four subsurface soil samples submitted for SPLP analysis. Of the four detections (out of 24 samples), two were in excess of 10 times the GA GWPC. Although detected in a majority of soil samples collected the Site, BEHP concentrations (in total mass analyses) exceeded DEEP GB PMC in only two samples (SS-36 in Risk Area E3 and SB04 in Risk Area D1). Follow-up SPLP sample collection reported that two BEHP detections (SB194 in Risk Area H and SB200 in Risk Area D3) exceeded 10 times the GA GWPC; however their respective total mass analyses do not exceed the DEEP GB PMC, indicating potential matrix heterogeneity. Based upon these results coupled with the low concentrations of BEHP in groundwater samples, BEHP does not appear to pose a widespread threat to human health. However, it may leach to groundwater.

Carbazole

Carbazole was detected in approximately 50% of the soil samples collected from the Site. Carbazole is often found associated with coal gasification and coal-tar production, and its presence in the coal fly ash material is not unexpected (Shreve and Brink, 1977). Common modern uses of carbazole include syntheses of dyes, pigments, plastics, and pharmaceuticals (Merck, 2001).

The frequency of carbazole detections does not appear to change significantly with depth, suggesting that the material is likely associated with the landfilled waste material as opposed to post-development deposition/release. Of the 284 soil samples collected across the Site area for carbazole analysis, no DEEP DEC exceedances were reported; and only 5 detections exceeded DEEP GB PMC criteria (approximately 2%). Carbazole was found only in 14% of the shallow

groundwater samples and at low concentrations. Of the 24 samples submitted for SPLP analysis, carbazole was detected in only one sample at a concentration well below the 10 times the GA GWPC. Given the low percentage of carbazole concentrations exceeding DEEP GB PMC, coupled with the lack of leaching potential and the low concentration groundwater data, carbazole is not expected to degrade groundwater or act as a significant leaching threat.

4.2.1.3 Pesticides in Soil

Soil samples collected from the residential parcels exhibited a wider array of detected pesticides than did commercial parcels. Twice as many soil samples were collected from residential parcels compared to commercial parcels thus increasing the chances to observe pesticides. As many as 20 different organochlorine pesticide compounds were detected soil samples collected from areas located throughout the Site (Table 4-1C, Table 4-2C, Table 4-3C, Table 4-4C, Table 4-5C, and Table 4-6C).

Residential surface soil exhibited the widest array of action level exceedances including alpha-chlordane, gamma-chlordane, dieldrin, and heptachlor-epoxide. Each of these substances exceeded the DEEP GB PMC, while only dieldrin exceeded the DEEP DEC in one sample (SS14 from beneath the along the southern paved portion of 9 Store Avenue (Risk Area F).

Subsurface soil samples also had a higher number of exceedances from the residential parcels, which may suggest that these substances were applied after development to prevent pests from entering residential structures.

As shown on Figure 4-4, many pesticide detections exceeding screening levels are from surface soil samples collected from unpaved portions of the apartment complex at 136 Store Ave. (Laur-Ray Apartments) and the Calabrese Parcel.

4,4'-DDE and 4,4'-DDT are the most frequently detected pesticides in the surface soil samples, and their distribution may be indicative of post development application rather than as a component of the waste material itself. With the extensive reworking of the area as part of the post-Scovill development, an intermixing of any applied pesticides could be also incorporated into deeper deposits, which they appear to have been. It should be noted that DEEP has not promulgated a GB PMC for either 4,4'-DDE or 4,4'-DDT, but there is a proposed criterion of

10,000 ug/Kg for each of these pesticides. Neither of these pesticides exceeded that criterion. Each was detected in overburden groundwater (4,4'-DDT once in the shallow aquifer and both in the deep aquifer) at concentrations exceeding groundwater screening criteria.

4.2.1.4 PCBs in Soil

For the purpose of evaluation, unless identified specifically as an Aroclor, the term "PCBs" refers to a summation of all positive Aroclor detections in a given sample. Table 4-1D through Table 4-6D provide summaries of the PCB analytical results for soil samples collected from the Site.

As shown on Figure 4-5, the PCB detections in soil samples are in the northern portions of the Site including the Calabrese Parcel and the northwestern extent of 119 Store Avenue. All exceedances of DEC are confined to the Calabrese Parcel (Risk Area J). As stated previously, DEEP conducted a removal action on the Calabrese Parcel which included numerous PCB-containing capacitors as well as approximately 2,300 tons PCB-contaminated soils and debris. The focus of that action was to remove wastes from the ground surface and provide a soil cover to prevent direct contact exposures. Follow-up surface soil samples collected by START and subsequent contractors reported PCBs detections at concentrations as high as 19 mg/Kg in surface soil on the Calabrese Parcel. This indicates that the removal did not achieve clean closure (but it was not designed to do so).

Given this history and past sampling results, a more-detailed investigation of PCBs in surface and subsurface soil on the Calabrese Parcel was undertaken. The majority of the data collected were from the EPA field laboratory with fixed laboratory confirmation of a subset of samples. As shown in Appendix A, the correlation of field laboratory PCB data to fixed laboratory data showed general agreement for Aroclor 1254 and Aroclor 1260 (the only substances analyzed for in the field). Appendix K includes a comprehensive analysis of the field PCB data collected during this investigation.

PCB contamination in surface soil appears to be limited to the southern portion of the Calabrese Parcel near the 19 mg/Kg result detected previously, and extends north-northeast. The highest PCB concentration detected during in field laboratory samples was 139 mg/Kg, and contained only Aroclor 1254. The limit of PCB contamination detected in the surface soil was based upon

a relatively small number of samples, and given the reportedly irregular deposition of the waste, there may be additional PCB contamination in deeper zones. The PCB contamination in the deeper soil zones extends to the north and northeast from the surface soil PCB contamination and extends to a maximum depth of approximately 20 ft bgs.

Follow-up subsurface soil sampling for SPLP analysis failed to detect any PCB concentrations in the leachate, suggesting that the PCB contamination particularly in the Calabrese Parcel is unlikely to leach to groundwater.

The potential risks to human health and the environment posed by this PCB contamination at the Site are described and evaluated in the HHRA and BERA.

4.2.1.5 Dioxins/Furans in Soil

There are numerous dioxin/furan compounds, however the World Health Organization developed a set of toxicity equivalency factors (TEFs) for dioxin and furan congeners (van den Berg, et al., 2006). These TEFs are based upon the toxicity of each congener normalized to that of the most-toxic congeners 2,3,7,8-tetrachlorodibenzo(p)dioxin (TCDD) and 1,2,3,7,8-pentachlorodibenzo-p-dioxin (PCDD) (each of which are assigned a TEF value of 1). The analytical results for each dioxin/furan congener are multiplied by their respective TEF to arrive at TEF-adjusted concentrations. These adjusted concentrations are summed to produce a toxicity equivalency (TEQ) result for each sample, which provides a single parameter which may be used as a surrogate to TCDD/PCDD.

No surface soil dioxin/furan samples were collected; but, eight subsurface soil samples were collected for dioxin/furan analysis from within the landfill limits. The majority of the selected locations was either on or near the Calabrese Parcel because of the history of PCB-contaminated soil associated with the area. As summarized in Table 4-3E through Table 4-6E, the TEQ results ranged from 5.65 to 32.5 nanograms per kilogram (ng/Kg). None of the soil samples collected from industrial/commercial parcels exceeded the EPA Industrial/Commercial RSL of 18 ng/Kg, however, all six of the soil samples collected from residential parcels exceeded the EPA Residential RSL of 4.5 ng/Kg. The highest results came from on or near the Calabrese Parcel at depths ranging from 2 to 7 ft bgs. There is a strong possibility that the dioxin/furan presence may be common throughout the Calabrese Parcel.

The potential risks to human health and the environment posed by the dioxin/furan contamination at the Site are described and evaluated in the HHRA and BERA.

4.2.1.6 Inorganics in Soil

A variety of metals were detected in soil samples collected from the Site. Table 4-1E, Table 4-1F, Table 4-1G, Table 4-1H, Table 4-2E, Table 4-2F, Table 4-2G and Table 4-2H summarize the inorganic data in surface soil. Table 4-3F, Table 4-3G, Table 4-3H, Table 4-4F, Table 4-4G and Table 4-4H provide inorganic data summaries for subsurface soil samples. Table 4-5F, Table 4-5G, Table 4-5H, Table 4-6F, Table 4-6G and Table 4-6H provide data summaries for deep subsurface soil samples. Metals detected in site soils include all 23 TAL metals: aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, vanadium, and zinc.

Of the detected metals, only arsenic, beryllium, cadmium, chromium, copper, lead, nickel, and vanadium exceeded DEEP DEC action levels and are discussed below. Aluminum, cyanide and manganese also exceeded supplemental PMC criteria.

<u>Arsenic in Soil</u>

Like other metals, arsenic is a naturally-occurring substance; however, it is also a common constituent in coal ash appearing in coal ash at concentrations as high as 36.5 mg/Kg in coal bottom ash and as high as 391 mg/Kg in coal fly ash (National Research Council, 2006).

Arsenic was detected in nearly every soil sample collected from the Site, irrespective of sample depth or location. Figure 4-6 and Figure 4-7 provide distribution summaries of the arsenic detections in surface and subsurface soil samples, respectively.

When compared against the DEEP DEC, the arsenic exceedances in surface soil appears to be limited to the southern portion of the Site including 9 Store Avenue, 235 Meriden Road (Risk Areas F and G), and the used automobile lot along Meriden Road (Risk Area D3). The arsenic concentrations on these parcels ranged from 5.3 mg/kg to 20.7 mg/Kg. There also was one

arsenic DEC exceedance of 10.3 mg/Kg at SS-26, located at the extreme northern of Calabrese Parcel.

As shown on the figures, the distribution of arsenic contamination appears to be more-widespread in subsurface soil samples when compared to surface soil samples. Subsurface arsenic contamination appears fairly well distributed throughout the landfill area. There is only one location on the Calabrese Parcel, SB21 in the southeastern portion with arsenic contamination in excess of DEEP DEC.

Subsurface arsenic contamination appears to increase with depth. The average surface soil arsenic concentration (positive detects only) was 4.4 mg/Kg. Samples from the 2-10 ft bgs range averaged 7.2 mg/Kg, and soil samples collected from depths greater than 10 feet bgs had an average arsenic concentration of 7.9 mg/Kg.

Of the 60 SPLP analyses performed on soil samples collected from within the landfill limits, arsenic was detected in 15 samples. Arsenic concentrations in SPLP leachate ranged from 2.6 ug/L to 57.6 ug/L, well below the DEEP GB PMC of 100 ug/L suggesting that the arsenic present in the Site soil is not a significant threat to groundwater via leaching.

The potential risks to human health and the environment posed by this arsenic contamination at the Site are described and evaluated in the HHRA and BERA.

Beryllium in Soil

According to industry data, beryllium is not a major component of typical coal bottom ash or boiler slag material, but can be present in elevated concentrations (stated as high as 2,105 mg/Kg) in coal fly ash (National Research Council, 2006).

Beryllium was detected at low concentrations (less than the DEEP DEC) throughout the Site. Of the 274 soil samples collected from the Site, beryllium exceeded the DEEP DEC of 2 mg/Kg in only one sample collected from SB21 (2.5 mg/Kg) located at the southeastern corner of the Calabrese Parcel, at a depth of between 4 and 6 ft bgs. Additionally, three of the 32 samples collected for SPLP beryllium analysis returned detectable concentrations ranging from 0.58 to 0.72 ug/L several orders of magnitude below the screening level of 40 ug/L.

Based upon the low frequency of DEC exceedances (one out of 274 samples) and the lack of any SPLP beryllium concentrations exceeding DEEP GB PMC, the presence of beryllium is not considered a threat.

Cadmium in Soil

According to industry data, cadmium content in coal fly ash may be as high as 76 mg/Kg, up to 5.5 mg/Kg in bottom ash, and 40.5 mg/Kg in boiler slag material (National Research Council, 2006).

As presented on Figure 4-8, cadmium was present in numerous soil samples collected from throughout the Site at concentrations ranging from 0.074 mg/Kg to 204 mg/Kg. The higher cadmium concentrations were detected in subsurface soil samples collected from depths of 10 feet or greater in the southern and central portions of the Site. This material was likely deposited prior to 1963.

Of the detected cadmium results, only three locations (SB12 - 35.4 mg/Kg at depths of between 15 and 20 ft bgs, SB143 - 42.5 mg/Kg between 10 and 12 ft bgs and SB196 - 40.4 mg/Kg between 4 and 10 ft bgs) contained cadmium concentrations that exceed the DEEP DEC value. These detections are located on unpaved portions of the residential parcel at 9 Store Avenue (Risk Area F).

The maximum cadmium concentrations detected on the Site were detected on commercial properties in borings SB18 (60.3 mg/Kg between 5 and 10 feet and 204 mg/Kg between 10 and 20 ft bgs) located behind 235 Meriden Road (Risk Area G), SB26 (88.6 mg/Kg between 10 and 15 ft bgs), and SB27 (198 mg/Kg between 10 and 15 ft bgs) located on 50 Store Avenue (Risk Area I). All of these results were well below the industrial/commercial DEEP DEC of 1,000 mg/Kg.

Twenty of the 60 soil samples submitted for SPLP analysis reported positive detections of cadmium in the sample leachate, although the majority of these detections were well below the established quantitation limit. None of cadmium detections in SPLP samples exceeded the DEEP GB PMC, indicating minimal risk of cadmium leaching to groundwater.

The potential risks to human health and the environment posed by cadmium contamination at the Site are described and evaluated in the HHRA and BERA.

Chromium in Soil

Chromium has been reported as a constituent of coal fly ash as well as coal bottom ash. Coal fly ash, coal bottom ash, and boiler slag materials also reportedly contain concentrations of hexavalent chromium as high as 5,981 mg/Kg (National Research Council, 2006).

Total chromium was detected in nearly every soil samples collected from within the landfill limits ranging from 4 mg/Kg to 19,200 mg/Kg). As shown on Figure 4-8, the maximum concentrations of total chromium (19,200 mg/Kg) were detected in the northernmost portions of the Calabrese Parcel in surface soil sample SS-25. This represents the only location exceeding the DEEP DEC.

The chromium distribution does not appear to vary significantly with depth. The average surface soil concentration is 371 mg/Kg; however, excluding the three SS-25 samples, the average drops to 49.6 mg/Kg. Subsurface soil sample chromium results average approximately 25.6 mg/Kg, and deep subsurface soil sample chromium results average approximately 30 mg/Kg.

Of the 60 soil samples submitted for SPLP analysis of chromium, 12 samples returned a positive detection, the majority of which were reported below the quantitation limit. None of these 12 detections exceeded the DEEP GB PMC value of 500 ug/L, indicating that chromium does not appear to pose a significant leaching threat to Site groundwater.

In an effort to determine the valence state of the on-Site chromium for risk assessment purposes, 13 soil samples were collected in June 2010 from Risk Areas E1, E2, E3, F, and J to a maximum depth of 2.5 ft bgs. As shown on Tables 4-1F, 4-2F, and 4-3H speciation results do not exceed DEEP DEC. These data are suspect and may be an artifact of the particular analytical technique because the reported concentration of hexavalent chromium in some samples was more than twice the total chromium concentration. Additionally, hexavalent

chromium is not expected to represent a majority of the chromium detected in coal ash materials from over thirty years ago.

Due to the uncertainty associated with the June 2010 hexavalent chromium investigation, and to support risk assessment purposes, an additional hexavalent chromium investigation was completed in spring of 2011 in which seven additional subsurface soil samples were submitted for hexavalent chromium analysis via a more sensitive analytical method. Table 4-3H and Table 4-4H provide statistical summaries of the analytical results of this investigation. Hexavalent chromium was detected at concentrations ranging from 0.103 mg/Kg to 0.544 mg/kg which represented between 0.28% and 2.39% (averaging 1.5%) of the total chromium. As with the previous investigation, no hexavalent chromium concentrations were detected above DEEP DEC.

The potential risks to human health posed by chromium and hexavalent chromium contamination at the Site are described and evaluated in the HHRA. The potential risk to the environment posed by chromium contamination at the Site is described and evaluated in the BERA.

Copper in Soil

Copper has been reported as a constituent of coal fly ash as well as coal bottom ash and boiler slag materials (National Research Council, 2006). Additionally Scovill's primary business was the production of brass items, and brass is an alloy of copper and zinc.

As shown on Figure 4-8, copper was detected throughout the landfill limits at concentrations ranging from 7.9 mg/Kg to 42,300 mg/Kg. The vast majority of the copper detections were below the DEEP DEC for residential and commercial/industrial land uses. However, samples collected from 9 Store Avenue, 27 Newman Avenue, and 235 Meriden Road (Risk Areas D, F and G) and also from portions of the Calabrese Parcel contain the highest concentrations of copper in soil in excess of DEEP criteria.

Surface soil copper contamination appears to be limited to the northern and eastern portions of the Calabrese Parcel as well as the 235 Meriden Road property. The highest concentration of copper detected on the entire Site (35,300 mg/Kg) was from a surface soil sample (SS-25)

collected from the extreme northernmost portion of the landfill limit on the Calabrese Parcel. The sample was collected from between 0.5 and 2 ft bgs. This sample also exhibited the highest concentrations of cadmium, chromium, cyanide, nickel, and zinc. These values are significantly higher than other sample results of the waste material, suggesting an alternate source of contamination. This sample was collected adjacent to a galvanized fence, which may have contributed to this contamination. Although the START sample description does not state that debris (other than organic debris) was present in the sample, it is possible that metal debris may have been incorporated into the sample.

Subsurface copper contamination appears to be limited to the southernmost portions of the Site, on the eastern edge of 27 Newman Avenue, northern edge of 9 Store Avenue, and much of 235 Meriden Road and southern portions of the Calabrese Parcel. One sample collected from SB150, located on the northern portion of 119 Store Avenue (Risk Area E1), between 5 and 7 ft bgs contained copper at a concentration of 2,530 mg/Kg that is slightly above the residential DEEP DEC of 2,500 mg/Kg. It should be noted that the partner field duplicate of this sample reported a copper concentration of 514 mg/Kg, illustrating the relative heterogeneity of the waste material.

Copper contamination associated with samples collected at depths of 9 feet or greater appears to be mostly limited to the center portion of the Site in some of the deepest landfilled materials. The maximum depth DEEP DEC exceedances were found was between 15 and 20 ft bgs in SB12. The specific depth within the interval where this sample was collected was not recorded during the Phase I portion of the RI.

Eight soil samples were submitted for SPLP copper analysis as part of the Phase I investigation. None of the eight samples reported a detection of copper. During the follow-up SPLP investigation, 24 more subsurface soil samples were submitted for copper analysis via SPLP. Copper was detected in 22 of these soil samples between 11.6 ug/L and 1,570 ug/L. None of these detections exceeded the DEEP GB PMC suggesting that leaching of copper from Site soil to groundwater does not appear to be a threat to groundwater quality.

Lead in Soil

Lead has been reported as a minor constituent of coal fly ash as well as coal bottom ash and boiler slag materials. Concentrations of lead have been reported as high as 273 mg/Kg in coal fly ash, 843 mg/Kg in coal bottom ash, and 120 mg/Kg in boiler slag material (National Research Council , 2006).

Although lead was detected in nearly every soil sample collected throughout the landfill limit, concentrations were generally low and below screening levels. Of the 274 soil samples collected for lead analysis, 21 exceeded DEEP DEC. On residential parcels, 13 samples exceeded the residential criteria (500 mg/Kg), and 8 samples exceeded the commercial/industrial criteria (1,000 mg/Kg). The average lead concentration of all samples collected from the Site (calculated as detected values only) was 165 mg/kg.

As summarized on Figure 4-9, the lead contamination detected in excess of action levels is most prevalent in soil samples collected from 235 Meriden Road (Risk Area G), 50 Store Avenue (Risk Area I), and the Calabrese Parcel. One location on each of the following parcels exceeded DEEP DEC: the southeastern portion of 27 Newman Avenue (Risk Area F); paved and unpaved areas of 9 Store Avenue (Risk Area F); the northeastern portion of 55 Store Avenue (Risk Area H); unpaved area of 87 Store Avenue (Risk Area H); and unpaved portions of 136 Store Avenue (Risk Area E3). All of the remaining soil samples collected from these parcels exhibit lead concentrations less than action levels.

The concentration of lead in Site soil samples does not appear to be related to soil sample depth, as average lead concentrations in the surface soil and the deep subsurface soil were 141 and 138 mg/Kg, respectively. Soil samples collected from between 2 and 10 ft bgs contained an average of 203 mg/Kg of lead.

Of the 60 soil samples analyzed for lead via SPLP, 37 lead detections were reported. SPLP lead concentrations ranged from 1.4 ug/L to 295 ug/L, three of which exceeded the DEEP GB PMC criteria for lead (150 ug/L). The three GB PMC exceedances were collected from soil borings SB190 located on the northwestern portion of 119 Store Avenue (Risk Area E1), SB196 located on the eastern portion of 9 Store Avenue (Risk Area F), and SB198 located on 265 Meriden Road (Risk Area G) from between 4 and 10 feet bgs. Further analysis using the 95%

Upper Confidence Limit found lead below the PMC based on 10 times the GA GWPC (see Appendix I).

Nickel in Soil

Coal fly ash and coal bottom ash have been reported to contain as much as 1,270 mg/Kg of nickel, while boiler slag has been reported as high as 177 mg/Kg (National Research Council, 2006).

As with many of the metals, nickel was also detected in nearly every soil sample collected from the Site. Of the approximately 274 soil samples collected, nickel concentrations exceeded DEEP DEC (1,400 mg/Kg in residential soils and 7,500 mg/Kg in commercial/industrial soils) in only 3 samples (Figure 4-8). All three of the samples (one of which was a field duplicate sample), were collected from the top two feet of SS-25. SS-25 is located on at the extreme northern edge of the Calabrese Parcel. This surface soil sample location produced some of this highest concentrations of metals detected on the Site, and may be a hot spot for metals contamination or represent a piece of metal or fence debris contained within the sample.

Including all three of the SS-25 samples, the average concentration of all nickel detections in Site soil samples is approximately 85 mg/Kg. The average concentration of all nickel detections excluding the three SS-25 soil samples is approximately 35 mg/Kg.

Nickel was detected in 26 of 32 SPLP samples, but none of these detections exceeded the DEEP GB PMC of 1,000 ug/L.

The only nickel contamination reported on the Site in excess of DEEP DEC is located in the northernmost portion of the Calabrese Parcel. No other areas on the Site exhibited nickel contamination in excess of criteria. The Site-wide nickel results indicate low overall threat to human health via direct contact, and the minimal leachable nickel concentrations suggests low overall threat to Site groundwater.

Vanadium in Soil

Coal fly ash has been reported to contain vanadium at concentrations as high as 5,015 mg/Kg. Lesser concentrations of vanadium have been reported in coal bottom ash (264 mg/Kg) and boiler slag (320 mg/Kg) (National Research Council, 2006).

As with several other metals detected on the Site, vanadium was also detected in nearly every soil sample collected from within the landfill limits. Vanadium concentrations in general were less than the DEEP DEC. As summarized on Figure 4-10, one soil sample collected from 41 Dunbar Street (Risk Area D1) (SB04 from 5-10 ft bgs) and a second from 119 Store Avenue (Risk Area E1) (SB150 from 5 to 7 ft bgs) exceeded the DEEP DEC. Additionally, one location on the northern portion of the Calabrese Parcel (SS-26) also contained vanadium in excess of the DEEP DEC. Elevated vanadium results were detected on the commercial properties located at 87 Store Avenue and 20 Newman Avenue (both in Risk Area H); however these concentrations were not in excess of the commercial/industrial standards that were applied to these locations.

Of the 32 samples submitted for SPLP vanadium analysis, 26 samples contained vanadium, the majority of which were detected below the quantitation limit. Of these 26 SPLP detections, four were detected in excess of the DEEP GB PMC criteria for vanadium (500 ug/L). The four exceedances were detected in samples collected from soil borings SB14 (4,790 ug/L between 10 and 15 feet bgs on the Calabrese Parcel), SB190 (1,110 ug/L between 4 and 9 feet bgs on the north-central portion of 119 Store Avenue – Risk Area E1), SB192 (846 ug/L between 4 and 9 feet bgs on the eastern portion of 17 Dunbar Street – Risk Area D1), and SB202 (2,410 ug/L between 4 and 9 feet bgs on the central portion of 50 Store Avenue – Risk Area I). The sample collected from SB14 is likely a saturated sample as groundwater depth in the area is between 8 and 10 feet bgs. The remaining samples exceeding criteria are not saturated samples.

Similar to the distribution of lead SPLP results, the vanadium SPLP results exhibit positive correlation with their counterpart total vanadium results indicating that increasing concentrations of vanadium in soil samples do translate into increasing concentrations in SPLP leachate; however, the ratio of leachate vanadium concentration to total vanadium concentration is not consistent ranging from 0.08 to 8.7, with an average of 1.43 and a geometric mean of 0.6. Therefore, although the correlation is positive, the lack of a consistent leaching ratio suggests

that the matrix heterogeneity is likely a major factor in determining the likelihood of vanadium leaching to groundwater, and leachable vanadium does not appear to be ubiquitous throughout the Site.

4.2.1.7 Total Organic Carbon in Soil and Engineering Parameters

Total organic carbon and engineering parameter samples were collected to assist in determining contaminant sorption preference, potential soil bearing capacity and settlement potential. Total organic carbon analysis of the samples indicated that the waste materials consist of less than 1% to as much as 10.4% of the total mass.

Selected soil samples obtained during subsurface explorations were sent to a certified soil laboratory for mechanical soil lab tests. This testing was to assess the engineering properties of subsurface soils and their potential impacts on proposed remedial options at the site.

The grain size analyses were used as a quality control check over the visual/manual soil classification on the subsurface exploration logs. In general, the grain size analyses were consistent with the soil classification appearing on the logs.

The Atterberg Limits test results indicate that the selected soil samples were non-plastic. Such soils would be expected to exhibit strength and settlement characteristics similar to granular materials.

Incremental consolidation tests were performed on soil samples obtained from undisturbed Shelby Tube samples collected from the naturally deposited sandy silt underlying the contaminated fill soils. In general, the incremental consolidation tests indicate that the naturally deposited sandy silt is heavily over-consolidated with an over-consolidation ratio ranging from 2.8 to 2.9. Such soils would not be expected to exhibit significant consolidation settlement for any remedial design alternatives that would be considered in the FS. However, the consolidation characteristics of the sandy silt may potentially influence foundation design for future re-development of the Site.

Engineering testing results are located in Appendix F.

4.2.1.8 Asbestos Debris

Two pieces of solid debris were collected as PACM from the Calabrese Parcel after being observed by field personnel. The debris exhibited a fibrous nature inconsistent with other debris encountered in other soil borings. Of the two samples collected, only one sample tested positive for asbestos. The sample was collected from the CAP-06 soil boring at between 10 and 12 ft bgs. Using polarized light microscopy (PLM), the asbestos containing material (ACM) was described as a green non-fibrous homogenous material containing 8% chyrsotile and confirmed using transmission electron microscopy (TEM) as 16.2% chrysotile. No other PACM was encountered during performance of the Phase III RI.

4.2.2 Soil Contamination Assessment Summary

Soil contamination at the Site occurs in surface (0-2 ft bgs), subsurface (>2-10 ft bgs), and deep subsurface (>10 ft bgs).

Numerous VOCs were detected in soil samples; however, only a few exceeded any DEEP criteria. Carbon tetrachloride was detected in one sample at 13 ft bgs (below the water table) at 4,000 ug/Kg on the used automobile lot located along Meriden Road (Risk Area D3). PCE, TCE, and vinyl chloride were also detected in Site soil samples. Notable detections of PCE and TCE on the Site were from SB45 at 4.5 ft bgs, and SB18 at 13 ft bgs (below the water table). Each of these detections exceeded the DEEP GB PMC standards. The property containing SB45 was formerly operated as a dry cleaner (Risk Area H) and the property containing SB18 currently operates as an automotive shop (Risk Area G), and has been since the property was initially developed in 1955.

SVOCs were detected in soil samples collected throughout the Site area. SVOC contamination is dominated by the presence of PAH compounds associated with the Scovill coal ash and combustion product waste material. PAH compounds are also consistent with urban fill used in the industrialized sectors of the Northeast. The PAH distribution appears to be somewhat consistent throughout the Site area and waste depths. Variations in concentrations were noted but were generally minor, which is likely due in part to the mixing and blending of the waste material during emplacement and subsequent site development. PAH compounds exceeded DEEP DEC as well as GB PMC values in each of the 10 risk areas. No PAH compounds exceeded 10 times the GA GWPC in SPLP samples.

Aside from the PAH compounds, BEHP and carbazole were also detected in numerous soil samples located throughout the Site. The BEHP concentrations exceeded DEEP GB PMC criteria in only three samples (SS-17 located in Risk Area F, SS-36 located in Risk Area E3, and SB04 located in Risk Area D1). Carbazole exceeded the DEEP GB PMC criteria in 15 soil samples located; however several of the samples were from saturated soils. Detections located in unsaturated soil were reported in Risk Areas E1, E3, H, I, and J, while the detections within groundwater were reported in Risk Areas E1, E2, G, H, and J. Carbazole was not detected above 10 times the GA GWPC in any of the 24 SPLP soil samples collected; however, BEHP was detected above 10 times the GA GWPC in two samples.

The majority of the pesticide detections in excess of DEEP GB PMC criteria were reported in surface soil samples collected from unpaved portions of 136 Store Avenue (Risk Area E3) and the Calabrese Parcel (Risk Area J). Dieldrin was the only pesticide detected in excess of DEEP DEC. That pesticide was detected in surface and subsurface soil samples collected from SS14 (Risk Area F) and SB14 (Risk Area J).

PCBs were detected at elevated concentrations in soil samples collected primarily from the Calabrese Parcel (Risk Area J), but also on the northern extent of 119 Store Avenue (Risk Area E1). The maximum PCB detection was from a surface soil sample collected from the Calabrese Parcel and contained 19 mg/Kg of PCBs; however field PCB analysis reported a soil sample PCB result of 139 mg/Kg. The Calabrese Parcel was the site of an earlier DEEP soil removal action, and observations made at that time indicate that PCB contaminated materials were present throughout the removed waste material. It is possible that similar materials may remain below the surface on the Calabrese Parcel.

Several metals were detected in excess of DEEP DEC including: arsenic, beryllium, cadmium, chromium, copper, lead, nickel, and vanadium. Similar to the distribution of SVOCs soil, these metals also are distributed widely across the Site both laterally and vertically. Each of the 10 risk areas has metals exceeding DEEP criteria. SPLP analyses of soil samples collected from across the Site have reported three exceedances of the DEEP GB PMC for lead and four exceedances of the vanadium criteria indicating that these substances may leach to groundwater in some areas of the Site.

Asbestos containing material was encountered on the Calabrese Parcel (Risk Area J) in soil boring CAP06 at 10 to 12 ft bgs. Another suspected ACM sample was collected from the Calabrese Parcel for asbestos analysis, but was negative for asbestos. No other suspected ACM was encountered during RI activities.

4.3 Groundwater Analysis Results and Interpretation

Groundwater samples were first collected from the Site in July 2004, but regularly scheduled sampling began in December 2008. Eight consecutive quarterly rounds of groundwater sampling were completed between December 2008 and October 2010 for the 22 monitoring wells at the Site. For evaluation purposes, the overburden is divided into shallow and deep overburden based on the different hydrogeologic characteristics of the overburden materials (shallow fill material versus deeper native sandy deposits). The sole bedrock monitoring well is located at the southern extent of the Calabrese Parcel. Table 4-7A through Table 4-7F, Table 4-8A through Table 4-8G, and Table 4-9A through Table 4-9E provide statistical data summaries for the shallow, deep, and bedrock groundwater aquifers, respectively. The below discussions are focused on the eight Phase III groundwater rounds which provide the most complete data set for analysis.

Supplementary groundwater investigations were completed in summer and fall of 2010 to evaluate the nature and extent of detected VOC contamination adjacent to occupied structures and on the Calabrese Parcel. These investigations included vertical groundwater VOC contamination profiling efforts in August 2010 on parcels with residential units, and follow-up vertical profiling with groundwater screen point sampling in November 2010 on the Calabrese Parcel. Table 4-10 provides a statistical summary of the vertical profiling data.

Appendix E contains the monitoring well sample collection logs as well as a summary of measured geochemical and indicator parameters. As shown on Appendix Table E-1, the pH of the groundwater underlying the Site is approximately neutral to slightly acidic in upgradient areas as well as on-Site areas. The shallow and deep aquifer zone pH measurements were similar. Specific conductivity values were generally less than 1 millisiemen per meter (mS/m) with the exception of shallow overburden monitoring well MW-12S, which reported specific conductivities greater than 2 mS/m. Oxidation/reduction potential (ORP) measurements for groundwater samples were variable and ranged from highly oxidizing (positive values) to

moderately reducing (negative values). In many wells, measurements varied from oxidizing to reducing conditions in consecutive rounds. Dissolved oxygen measurements were primarily low to moderate with some higher measurements in locations upgradient and cross-gradient of the Site area. Typically, the shallow monitoring well of each well pair had the lower dissolved oxygen content.

The Site is located in a GB aquifer district and does not serve as a drinking water source. The applicable DEEP regulatory criteria are residential and commercial groundwater volatilization criteria and surface water protection criteria (SWPC).

4.3.1 Overburden Organic Compounds

4.3.1.1 VOCs in Overburden Groundwater

Eighteen VOCs were detected in shallow groundwater samples collected between June 2004 and October 2010 (Table 4-7A, Table 4-7B, Table 4-8A and Table 4-8B). Vinyl chloride exceeded DEEP groundwater volatilization criteria in monitoring wells MW-12S five times and MW-6 once. Additionally, 1,1-dichloroethene (DCE) exceeded DEEP groundwater volatilization criteria in one sample from MW-12S collected in June 2010. Cis-1,2-DCE was detected in 21% of the shallow overburden aquifer samples, with the majority of the detections reported in monitoring well MW-12S. As shown on Figure 4-11, MW-12S is adjacent to an occupied elderly apartment complex (119 Store Avenue) and MW-6 is located in the southwestern portion of the Site, at the edge of a parking lot.

Based on the groundwater volatilization criteria exceedances, (vinyl chloride, in particular) and the proximity to occupied spaces, additional investigations into the vertical and horizontal distribution of the vinyl chloride (and other chlorinated VOCs) were completed. Groundwater VOC samples were collected for field screening as well as fixed laboratory confirmation analysis.

Investigations conducted in June 2010 focused on and around residential parcels at 119 Store Avenue, 41 Dunbar Street, and 27 Newman Avenue, and commercial parcels at 87 and 120 Store Avenue. Appendix L Tables L1 and L2 provide summaries of these results. Cis-1,2-DCE, TCE, and vinyl chloride were detected in several of these samples, but only four vinyl chloride detections were in excess of volatilization criteria and all four were located on 119 Store

Avenue. Comparing the June 2010 field results with counterpart fixed laboratory results indicated that where both field and fixed laboratories reported positive detections, the results correlated reasonably well; however, numerous field laboratory detections less than 1 ug/L were not reproducible by the fixed laboratory. The results of this investigation did not indicate a discernible source area and a second investigation was performed at the Calabrese Parcel in November 2010.

During the November 2010 investigation, the EPA mobile laboratory screened 57 groundwater samples from the Calabrese Parcel. Chloroform, cis-1,2-DCE, PCE, TCE, and vinyl chloride were detected during this investigation. However, vinyl chloride was the most frequently detected VOC at 52 detections at concentrations ranging between 0.2 ug/L and 10 ug/L. The majority of the detected concentrations were low and of the 52 vinyl chloride detections, 12 exceeded volatilization criteria. Similar to the June 2010 investigation, the results correlated reasonably well with fixed laboratory results; however poor correlations were noted on the highest cis-1,2-DCE and vinyl chloride results. Again, the results of this investigation did not result in the identification of a specific source of chlorinated VOCs suggesting that the VOC concentrations may be due primarily to a series of small highly localized point sources rather than a larger discrete source yet to be discovered.

Analytical results from the deep overburden aquifer exhibited a similar list of positive VOC detections in the shallow aquifer, with the most frequently-detected VOCs being chloroform, cis-1,2-DCE, MTBE, PCE, and vinyl chloride. Of these VOCs, only vinyl chloride was detected in excess of any screening level with seven samples exceeding DEEP volatilization criteria. All seven exceedances were collected from MW-9D, located in a parking lot between Dunbar Cove Apartments at 41 Dunbar Street and East Pines Apartments at 17 Dunbar Street. Vinyl chloride was detected in only one shallow groundwater sample collected from the shallow well (MW-9S) of the shallow/deep pair at 0.62 ug/L. A vertical profiling point was positioned upgradient of the two MW-9 wells to evaluate if upgradient groundwater was conveying the vinyl chloride to these two monitoring wells or if the source of the contamination was discrete and potentially localized. Two vertical profiling samples collected from 12 and 14 ft bgs were screened by the EPA mobile laboratory and returned no detectable vinyl chloride results.

The presence of the vinyl chloride in groundwater at developed parcels has been recorded several times in monitoring wells MW-6, MW-9D, and MW-12S, and only once in monitoring well

MW-9S. Vertical profiling groundwater samples submitted for in-field screening using the EPA mobile laboratory and follow-up fixed laboratory analytical results did not appear to indicate the presence of a groundwater plume, but rather the possibility of numerous small releases of chlorinated contaminants in largely heterogeneous waste material, resulting in both persistent and sporadic low level chlorinated VOC groundwater contamination.

The presence of vinyl chloride in groundwater beneath the Calabrese Parcel has been sporadic in shallow overburden monitoring well MW-3. No detectable vinyl chloride was recorded in deep overburden monitoring well MW-3D, or in the bedrock monitoring well MW-3B.

Persistent low-concentration VOC detections in specific wells coupled with the results of the vertical profiling effort, suggests that a series of small and highly localized point sources may be contributing to the detections in groundwater; there is no evidence of a discrete source. The diffuse nature of VOC contamination in unsaturated soils over time, coupled with the more than 30 year passage of time since the last emplacement of Scovill derived fill, suggests that the VOC origins are likely landfill placement.

There were no VOC exceedances of SWPC.

4.3.1.2 SVOCs in Overburden Groundwater

There were 27 different SVOCs detected in shallow groundwater samples, but only acenaphthene, BEHP, caprolactam, carbazole, and fluorene were detected in more than 10% of the samples collected (Tables 4-7C and 4-8C). Box and whisker plots of these five compounds are included as Figure 4-13 through Figure 4-18. These plots are useful in representing temporal data across the Site area (upgradient to downgradient), and summarizing data outliers and statistics. Of the 22 remaining SVOCs, benzo(a)pyrene was detected in two shallow overburden groundwater samples; 0.05 ug/L in MW-5 from a sample collected in 2004 and 0.28 ug/L in MW-8S collected in March 2010.

The deeper overburden groundwater samples had fewer overall detected SVOCs (14) compared to shallow groundwater samples. The most-frequently detected SVOCs were BEHP and caprolactam (17 detections and 11 detections, respectively) were spread across the Site and detected sporadically through time.

Only two SVOCs, phenanthrene and benzo(k)fluoranthene exceeded the SWPC. Because there is no immediate surface water body on Site a supplemental evaluation of SWPC was needed to determine whether the groundwater poses a threat to surface water quality at the Mad River, the nearest receiving surface water body. This supplemental evaluation is detailed in Appendix M. The evaluation determined that these two chemicals did not pose a threat to surface water quality at the Mad River.

4.3.1.3 Pesticides in Overburden Groundwater

Pesticides were detected infrequently in both shallow and deep overburden groundwater samples collected from the Site as indicated on the box and whisker plots in Figures 4-19 through 4-22. Heptachlor epoxide was the most frequently detected pesticide in both the shallow and deep overburden aquifers; however, the pesticide was not consistently detected within each well. The single dieldrin exceedance was collected from shallow overburden monitoring well MW-12S during the March 2010 sampling round. Dieldrin was not detected prior to or since the March 2010. Similarly, the lone detection of 4,4'-DDT in shallow overburden monitoring well MW-4 in December 2009 represented the only detection of that pesticide during the entire two-year monitoring round. Dieldrin was present in numerous soil samples collected from 136 Store Ave. and the Calabrese Parcel at concentrations in excess of CTDEEP GB PMC; however follow up soil SPLP soil samples for pesticides failed to produce detections in excess of10 times the GA GWPC.

The only deep overburden pesticide groundwater results of significance were collected from MW-11D during the December 2009 groundwater sampling round in which 4,4'-DDE and 4,4'-DDT were several orders of magnitude greater than other pesticide results detected during the entire two-year monitoring period. Neither of these substances was detected in MW-11D prior to or since the December 2009 round suggesting that these results are in error.

Overall, the sporadic presence of generally low concentrations of pesticides in both the shallow and deep overburden aquifers do not appear to represent a groundwater contamination plume and also do not represent a threat to GB groundwater quality. Additionally, SPLP results from soil samples collected from throughout the Site area were all well below screening criteria indicating that only low concentrations of pesticides would be expected from the Site soils.

No pesticides exceeded SWPC.

4.3.1.4 PCBs in Overburden Groundwater

For the purpose of evaluation, unless identified specifically by Aroclor, the term “PCBs” refers to a summation of all positive detections in a given sample.

No PCBs were detected in shallow overburden groundwater samples; however, Aroclor-1248, Aroclor-1254, and Aroclor-1260 were detected in deep overburden groundwater samples collected in December 2009. As summarized on Table 4-8E, two of the three total PCB detections (from monitoring wells MW-9D and MW-11D) were elevated. The total PCB concentration detected in monitoring well MW-11D was 20 times higher than the result for MW-9D. As stated above, the same groundwater sample collected from MW-11D in December 2009 also exhibited pesticide concentrations inconsistent with the remainder of the samples collected from throughout the monitoring period.

Examining the entire PCB dataset it appears that these PCB groundwater results from the December 2009 sampling round contain outliers, and four consecutive quarters of groundwater sample collection failed to duplicate these results. Therefore, the presence of PCBs in overburden groundwater cannot be confirmed and is assumed to have been an analytical error.

No PCBs exceeded the SWPC.

4.3.2 Overburden Inorganic Compounds

Every metal analyte was detected at least once in the groundwater data set. Frequency of detection and maximum and minimum detections for each metal in shallow overburden wells are presented in Tables 4-7E and 4-7F and for deep overburden wells in Tables 4-8F and 4-8G. As with the SVOCs, box and whisker plots are presented for both total and dissolved cadmium, cobalt, lead, nickel, vanadium, and zinc in Figure 4-23 through Figure 4-28.

The State of Connecticut does not have ground water quality standards for dissolved or total metals in GB aquifers like the one at Scovill. However, six metals exceeded the SWPC and include arsenic, cadmium, copper, lead, manganese and zinc. Because there is no immediate surface water body on Site a supplemental evaluation of SWPC was needed to determine

whether the groundwater poses a threat to surface water quality at the Mad River, the nearest receiving surface water body. This supplemental evaluation is detailed in Appendix M. The evaluation determined that all six metals do not pose a threat to surface water quality at the Mad River.

4.3.3 Bedrock Organic Compounds

4.3.3.1 VOCs Bedrock Groundwater

As summarized on Table 4-9A, only one VOC, chloroform was detected in the single bedrock monitoring well, MW-3B. Chloroform was detected only in the first four rounds of groundwater monitoring at concentrations slightly above the reporting limits. Chloroform did not exceed SWPC or volatilization criteria. No release of contaminants to the bedrock aquifer is suggested by these data.

4.3.3.2 SVOCs Bedrock Groundwater

Table 4-9B summarizes the SVOC results for bedrock groundwater samples collected between 2008 and 2010. The majority of the SVOC detections occurred during the March 2010 groundwater monitoring event. Prior to that, with the exception of BEHP (detected twice) and caprolactam (detected in the first sample collected in December 2008), no other detectable concentrations of SVOCs are recorded. No release of SVOCs to the bedrock aquifer is suggested by these data. No SVOCs exceeded SWPC.

4.3.3.3 Pesticides in Bedrock Groundwater

Table 4-9C summarizes the bedrock groundwater pesticide analytical results for samples collected between 2008 and 2010. Low concentrations of heptachlor epoxide were detected in samples collected in September 2009 and March 2010. No release of pesticides to the bedrock aquifer is suggested by these data. No pesticides exceeded SWPC.

4.3.3.4 PCBs In Bedrock Groundwater

No detectable concentrations of PCBs were reported in any of the eight rounds of bedrock groundwater samples collected between 2008 to 2010.

4.3.4 Bedrock Inorganic Compounds

Tables 4-9D and 4-9E summarize the total and dissolved inorganic analytical results for bedrock groundwater samples collected between 2008 and 2010. Several metals were detected at low concentrations in both total and dissolved samples. The low concentrations of these analytes are likely attributable to natural processes and do not indicate a release of contaminants to bedrock groundwater at this location. No inorganics exceeded SWPC.

4.3.5 Groundwater Contamination Assessment Summary

Overburden groundwater within the shallow aquifer has low concentrations of numerous organic and inorganic substances. Of particular note is the presence of VOCs (vinyl chloride and 1,1-DCE, in particular) in monitoring well MW-12S located near an occupied elderly apartment complex. Other VOCs including cis-1,2-DCE, PCE, and TCE were also sporadically detected in overburden groundwater samples. Vinyl chloride and other VOCs are detected sporadically in the deeper overburden aquifer, but to a lesser degree than the shallow aquifer. Based on results from the sole bedrock monitoring well, it does not appear that contamination extends into the bedrock aquifer at this location.

The majority of the PAH compounds were detected infrequently in all aquifers. SVOCs detected more frequently included the PAHs acenaphthene and fluorene, BEHP, and caprolactam. None of these compounds was detected at significantly elevated concentrations, and with the possible exception of BEHP, all are generally derived from coal ash or other combustion by products and are also typical of urban fill.

Pesticides also were detected infrequently in Site groundwater samples. The most frequently detected compound was heptachlor epoxide. In general, these pesticide detections were not elevated and do not appear to represent a threat to groundwater use.

The PCBs detected in deep overburden groundwater samples in December, 2009 are believed to be the result of analytical error (such as a faulty standard compound spiking) as PCBs were not detected in any groundwater sample collected prior to or since that one occurrence.

Numerous metals were detected in groundwater samples. The groundwater underlying the Site area is classified as GB, and not used as a drinking water source, so there are no applicable drinking water criteria.

Two SVOC compounds and six metals exceeded the DEEP SWPC. Subsequent analysis shows these analytes do not pose a threat to surface water quality at the Mad River, the nearest receiving surface water body

4.4 Surface Water Analysis Results and Interpretation

Two surface water samples SW1 and SW2 were collected from Wetland 1 in the Phase I investigation (Figure 4-29). This ephemeral wetland occupies a topographic low with no outlet and traps precipitation/runoff from northern portions of the Calabrese Parcel as well as the abutting residential parcels and parking lot to the north and east. By late summer, this wetland has dried up as water has either percolated through the soil into groundwater or evaporated. Household debris and other trash was observed within these wetland areas including engine blocks, used oil filters, tires, household appliances, and waste paper.

Analytical results of the surface water samples are reported in Table 4-16A and show detections of acetone, MTBE, cis-1,2-DCE, PCE, and TCE. Low concentrations of SVOCs including several PAHs, BEHP, and butylbenzylphthalate were also detected (Table 4-16B).

Surface water samples were also analyzed for total and dissolved metals. These results were screened against acute and chronic freshwater National Ambient Water Quality Criteria (NAWQC) and Connecticut Water Quality Standards (CT WQS). As shown on Table 4-16C and Table 4-16D, total metals concentrations were much greater than the dissolved metals concentrations, suggesting a significant quantity of suspended solids in the standing water in the wetland area. Several metals detected in the total metals samples exceeded NAWQC and CT WQS screening values, with no exceedances of NAWQC in the dissolved metals samples. Two metals, copper and zinc exceeded chronic CT WQS screening criteria and only zinc exceeded the acute CWQS screening criterion. It is possible that this suspended solid material may also be a contributing factor in the detection of VOCs and moderately-insoluble SVOCs in these surface water samples. The presence of the previously noted refuse and wastes within this wetland likely contributed to the detection of these contaminants.

4.5 Sediment Analysis Results and Interpretation

Sediment samples were collected from a variety of locations as shown on Figure 4-29. Three samples (SD01, SD02, and SED17) were collected from upstream off-site areas. Additionally, SED17 was collected from a catch basin located upstream of the Site. Thirteen sediment samples were collected from Wetland 1 and four were collected from Wetland 2. Three samples of catch basins and/or manhole bottom materials were collected, and three samples were collected from Hamilton Pond and small outlet stream located on Hamilton Park.

Wetlands 1 and 2 are not physically connected to one another and have no outlet. Like Wetland 1, Wetland 2 is a topographic low point accumulating precipitation and runoff from adjacent parcels including parking lots, residential housing units, single family homes, as well as the Calabrese Parcel. Household debris and other contaminants were observed within this wetland as well, including used oil filters, tires, bicycles, household appliances, and waste cardboard/paper. This wetland also dries up during the warmer months.

Upstream Sediment Samples

The results of sediment samples collected from areas upstream of Wetland 1 are summarized on Table 4-11A through Table 4-11E. Several VOCs were detected at low concentrations with one VOC, carbon disulfide detected at a concentration in excess of screening levels utilized in the BERA. Numerous SVOCs including most of the PAHs, BEHP, carbazole, and butylbenzylphthalate were also detected in these upstream samples. Each of the PAHs detected in these samples exceeded the BERA screening levels, indicating a potential upstream source.

Six pesticides were detected in upgradient sample locations, and three of the pesticides (4,4'-DDE, 4,4'-DDT, and alpha-chlordane) were detected in excess of BERA screening levels. Aroclor-1254 and Aroclor-1260 were both detected at low concentrations in these upstream samples. The source of these low concentrations of PCBs is not known.

As summarized on Table 4-11E, numerous metals were detected in these upstream samples at concentrations in excess of the BERA screening levels.

It is likely that these substances resulted at least partially, from parking lot runoff or releases onto the adjacent parking lot migrating to either a nearby upstream storm drain or to the upstream sediment sampling location.

Wetland 1 Sediment Samples

Tables 4-12A through 4-12E provide a summary of the analytical results for the 15 sediment samples collected from Wetland 1 during the START, Phase I, and Phase IIA portions of the RI.

VOC contamination in Wetland 1 sediment appears to be limited to substances such as 2-butanone, acetone, and carbon disulfide. Each of these substances was reported in excess of BERA screening levels. With the exception of 2-butanone, these VOCs are commonly associated with natural biological processes connected with wetlands or marshy areas.

Table 4-12B, lists 26 different SVOCs detected in sediment samples collected from Wetland 1. These detections were dominated by the presence of PAHs, although several phthalates and phenol were also reported. The PAH compounds exceeded BERA screening levels by several orders of magnitude in nearly every sediment sample collected from Wetland 1, suggesting that this wetland may be serving as the terminus for all sediment and suspended solids carried by overland flow into from parking areas to the north, residential lots to the east, and the northern portion of the Calabrese Parcel to the west. Additionally, as stated previously, a large quantity of potentially contaminated debris was also present within this wetland area (engine blocks, used oil filters, tires, household appliances).

Six pesticides were detected in Wetland 1 sediment samples including: 4,4'-DDE, alpha-chlordane, dieldrin, endrin, endrin ketone, and methoxychlor. As summarized on Table 4-12C, several of these pesticide results exceeded BERA screening levels.

PCBs were detected in four sediment samples located near to the eastern edge of the Calabrese Parcel fence line (Table 4-12D). Total PCB concentrations as high as 14 mg/Kg were detected in bottom samples collected from Wetland 1. These results are consistent with some of the more highly-contaminated soil samples collected from the Calabrese Parcel, and may be derived from materials washing off the Calabrese Parcel in overland flow runoff and being deposited in the low-lying wetland area.

All 23 of the TAL metals and cyanide were detected in Wetland 1 sediment samples. Metals which exceeded BERA screening levels included cadmium, chromium, copper, iron, lead, manganese, mercury, nickel, silver, and zinc. Of these substances, copper, lead, mercury, and nickel exceeded the screening levels in almost every sample. For several substances, screening values were not provided in the BERA.

Wetland 2 Sediment Samples

Tables 4-13A through 4-13E provide analytical results summaries for sediment samples collected of bottom materials in Wetland 2.

Similar VOCs to those detected in Wetland 1 were also detected in Wetland 2. These detections were relatively low, but acetone and carbon disulfide concentrations did exceed BERA screening levels.

Table 4-13B provides a summary of the SVOC results for sediment samples collected from Wetland 2. These results are similar to those detected in Wetland 1, with the vast majority of detections and BERA screening level exceedances associated with the PAH compounds.

Three pesticides were detected in Wetland 2 sediment samples: 4,4'-DDE, endosulfan II, and gamma-chlordane. Of these detections, only 4,4'-DDE exceeded BERA screening levels.

PCBs were detected in Wetland 2, but concentrations are lower compared to Wetland 1. The maximum PCB detection in Wetland 2 sediment is 0.94 mg/Kg, and this exceeds BERA screening levels.

As shown on Table 4-13E, Wetland 2 sediment samples contained numerous metals exceeding BERA screening levels. These metals included cadmium, chromium, copper, lead, mercury, nickel, silver, and zinc. These metals are similar to the list of metals associated with Wetland 1. The majority of these metals were also detected in Calabrese Parcel soil samples. It is possible that these materials may have been carried into the Wetland 2 sediment via overland flow from the Calabrese Parcel and deposited in the wetland. Wetland 2 is also located immediately adjacent to a parking area associated with the Meriden Apartment complex and sits below

residential properties located on the top of a minimally-vegetated 30-foot hill. It is likely that a combination of potential sources have contributed to the current condition of Wetland 2.

Catch Basin Sediment Sample

During the course of the various phases of the RI, several attempts were made to obtain bottom sediment samples from catch basins or storm drain cleanout manholes. The majority of the catch basins were completely scoured due to the high flow rate of Carrington Brook comingled with storm water. One non-scoured catch basin sediment sample (SED11) was collected in Phase IIA of the RI and the analytical results for this sample are presented in Table 4-14A through Table 4-14D. SED11 is located on a vacant parcel along the southwestern portion of Monroe Avenue and is the first downstream location after leaving the Site, but also receives urban storm water flow from the surrounding area.

Overall the sediment contamination in this catch basin was relatively minor. PAHs were detected, with several compounds at concentrations exceeding BERA screening criteria. It should be noted that comparing BERA screening levels to catch basin bottoms is not applicable, but it does allow an evaluation of all sediment data relative to a consistent benchmark. The presence of PAHs in this sediment material is likely associated with drainage from Monroe Avenue rather than evidence of downstream transport of Site-originated sediment materials. PCBs were not detected in this catch basin sediment, but low concentrations of pesticides and metals were recorded.

4.6 Soil Gas Analysis

As part of the Phase IIA field program, CRA conducted some limited soil gas analyses in the southern end of the site in the vicinity of 9 Store Avenue and 235 Meriden Road. Six samples were collected for VOCs within a 20 foot radius of SB-18, the location of an elevated PCE result during Phase I soil sampling. Samples were collected using Summa canisters attached to steel probes inserted to depths between 4.5 to 5 ft bgs. Analytical results are included on Table 4-17 and indicate relatively low VOC concentrations for the majority of the samples. Sample SG-5 showed measurable levels of acetone and benzene while SG-6 showed measurable levels of carbon tetrachloride and toluene. It should be noted that past and current businesses on the adjacent properties included a dry cleaner and automobile speed shop and repair garage. Benzene and toluene are motor fuel components and carbon tetrachloride is used in dry

cleaning applications. Acetone is a commonly used solvent for cleaning metal surfaces and paint removal.

Downstream Sediment Samples

Three sediment samples were collected during the 1999 START investigation from the point where the Carrington Brook and comingled storm water discharge to the small impoundment pond at Hamilton Park and also the pond outlet. These locations are approximately 0.8 miles southwest of the Site, and the culvert pipe conveying the water likely continues to accumulate storm water from areas along the route. Table 4-15A through Table 4-15E provide summaries of these data.

As shown on Table 4-15A, minimal VOC contamination was noted in these three sediment samples. SVOC contamination is again dominated by the presence of PAHs, with the majority exceeding BERA screening levels. Low concentrations of pesticides were detected in these samples as were low total PCB concentrations. PCBs were detected in all three downstream sediment samples and ranged in concentration from 6.9 ug/Kg to 360 ug/Kg. Low concentrations of metals were reported in these sediment samples, with only copper, lead, and zinc concentrations exceeding BERA screening levels in at least one of the three samples.

Based upon these results and the storm sewer survey, it is possible that sediment entering the Carrington Brook/storm water system at the catch basin located on the southwestern portion of the Calabrese Parcel may be transported and deposited in the Hamilton Park pond. The low concentrations reported in these samples (particularly the PCBs and the metals) may be indicative of a minor transport that does not appear to be inhibiting the pond sediment. However, it should be noted that there are also other storm water and runoff contributions to the Hamilton Park pond system from locations within this highly urbanized area.

5.0 CONTAMINANT FATE AND TRANSPORT

The fate and transport of contaminants in environmental media are determined by a variety of factors including physical and chemical properties of the contaminants and the environmental media (i.e., soil, groundwater, surface water, air) where they are released. This section briefly describes the general fate and transport processes, identifies chemicals found in on Site media, and presents an assessment of the potential fate and transport of those chemicals on and off

the Site. The assessment of contaminant fate and transport in this report is qualitative only; extensive field measurements and more data would be required to provide definitive quantitative analyses.

As presented previously, past landfilling activities resulted in some contaminant releases to the Site soils. Prior to Site redevelopment, the waste materials were exposed to the elements. Some of these chemicals have remained adsorbed to soils while others have been mobilized to groundwater.

Section 5.1 summarizes the general fate and transport processes and contaminant properties that influence fate and transport. More detailed descriptions of fate and transport processes are available in a number of technical publications and documents. The probable contaminant fate and transport in Site soils, groundwater, and in surface water and sediments are discussed in Sections 5.2, 5.3, and 5.4, respectively. Section 5.6 summarizes the overall conceptual model of contaminant fate and transport at the Site.

5.1 Fate and Transport Processes

5.1.1 General Fate and Transport Processes of Soil Contaminants

When organic and inorganic chemicals are released to on Site soils, a variety of processes occur that may cause them to become immobilized, degraded, or mobilized to another environmental medium. Some of these processes include:

- Volatilization – Chemicals having high Henry's Law coefficients or vapor pressures will readily enter (volatilize) to the ambient air rather than remaining adsorbed to the soil particles. Once in the atmosphere, the chemicals may undergo further transport through additional processes such as advection, diffusion, or dispersion. Chemicals also can be transformed through chemical processes such as hydrolysis or photolysis.

- Leaching – Chemicals may be transported downward through the soil strata by dissolving in water from precipitation or by other liquids infiltrating through the soils. The leaching and subsequent mobilization are controlled by soil properties (e.g., adsorptive capacity, organic carbon content, clay content, or specific surface area) and by chemical properties (e.g., solubility, ability to partition to other phases).

- Runoff/Erosion – In situations where the chemicals remain adsorbed (bound) to soil particles because of the soil or chemical characteristics, chemicals may still be physically mobilized from contaminated areas to other uncontaminated environmental media. Contaminants can be conveyed over land by runoff that occurs during precipitation events (solubilized in rainwater or adsorbed to suspended particles), or through the erosion of contaminated soils present on unstable slopes or topographic features. Additionally, wind erosion may act upon exposed contaminated soil and transport particulates distances from the original source area.

5.1.2 General Fate and Transport Processes of Groundwater Contaminants

For chemicals that have migrated downward into groundwater from the vadose zone through precipitation infiltration and leaching, additional natural processes affect the fate and transport in the subsurface environment. Table 5-1 presents a matrix of processes that may influence contaminant migration, corresponding geologic and hydrogeologic characteristics that affect transport, and physical and chemical properties causing interactions that can increase or retard migration.

The major contaminant transport processes in groundwater typically are advection, dispersion, and molecular diffusion. Advection, the bulk movement of groundwater, is the principal contaminant transport mechanism in an aquifer. Dispersion and diffusion are secondary processes for dissolved contaminant transport. Chemicals can also be transformed by degradation and retardation. Each of the transport and transformation processes is described below briefly:

- Advection – Advection is the physical movement of dissolved phase contaminants or of particles within a natural fluid flow. This flow is in response to a gradient, such as pressure or hydrostatic, and contaminant transport results from the entrainment of chemicals in a flow field. Advection of dissolved contaminants in an isotropic, homogenous, porous medium results in the contaminants being transported with, and migrating at the same velocity, as groundwater.

- Dispersion – Dispersion is related to the spatial variations in the flow path and variations in velocity that characterize groundwater movement at all scales. Dispersion results in spreading of a contaminant plume over a larger area (both parallel and perpendicular to the hydraulic gradient) than would be expected by advective transport alone.

  Dispersion results from groundwater flow around individual soil particles or lenses of material, following convoluted pathways. These torturous flow paths cause mixing resulting in chemical transport from high concentration regions to lower ones. The groundwater pathway becomes more convoluted as aquifer heterogeneity increases.

- Molecular Diffusion – Diffusion is the propensity for chemical molecules to move along a concentration gradient from regions of higher concentrations to regions of lower concentrations as the result of random thermal motion of molecules. Because this transport process occurs on the molecular scale, its effect is small in comparison to the forces driving the more rapid advection processes; diffusion plays an important role in aquifers that have clayey sands and silts with low groundwater velocities.

- Preferential Flow – Preferential pathways for groundwater flow occur in aquifer systems due to heterogeneities in the subsurface soils and the bedrock matrix. Geologic materials that are more permeable (soils or bedrock fractures) allow greater flow of groundwater and chemicals through those geologic units.

- NAPL Migration – Non-aqueous phase liquid (NAPL) transport (unlikely at the Scovill Site) differs from the transport of dissolved phase contaminants because it is strongly influenced by physical properties (density) and by geologic features in the aquifer. NAPLs can migrate along or into geologic features in directions that differ from advective groundwater flow. NAPLs may encounter and remain restricted by low permeability geologic units, or remain in pockets in the upper portion of the water column. Dense non-aqueous phase liquids (DNAPLs) may sink and migrate along the top of less permeable stratified units or along the top of the bedrock surface layer, until another preferential pathway is encountered. The DNAPLs can enter bedrock fractures and continue along horizontal and vertical pathways, influenced primarily by gravity and the presence of adequately sized and conductive fractures.

- Biological Degradation – The degradation of organic groundwater contaminants can occur by biotic and abiotic means. In biological degradation (biodegradation), microorganisms utilize available chemicals to obtain needed energy and nutrients through reduction-oxidation reactions (electron transfer). Depending on the microorganisms and contaminants present, biodegradation can occur under either aerobic or anaerobic conditions.

  Under aerobic conditions, carbon (as organic compounds, whether naturally occurring or anthropogenic) is oxidized by microorganisms to provide a net energy gain for growth and reproduction. Typically, low-molecular weight and soluble organic compounds are readily degraded by bacteria and fungi (Hemond, 1994). Aromatic hydrocarbons are used by microorganisms as a primary substrate (electron donor). Dissolved oxygen is used as the primary electron acceptor (chemical reduction) by the aerobic microorganisms. Once the oxygen is depleted, anaerobic microorganisms (bacteria) use other available electron acceptors and causing those chemicals to be transformed to a reduced state. Nitrate is converted to nitrogen gas or ammonia, ferric iron (Fe [III]) to ferrous iron ([II]), manganese ([IV]) to manganese ([II]), sulfate to sulfide ion, chlorinated solvents to compounds with one less chlorine atom, and carbon dioxide to methane. Through sequential reductive dechlorination of chlorinated ethenes, PCE may be degraded to ethane through the following sequence:

  PCE->TCE->1,1-DCE/cis-1,2-DCE/trans-1,2-DCE->vinyl chloride->ethene->ethane or vinyl chloride may degrade to complete mineralization [carbon dioxide (CO_2), water (H_20), and chloride (Cl^-)]

  Through the degradation processes, chemicals that were not originally present at the Site may be produced. In some cases, these daughter products may be more toxic than the original compounds released at the Site.

- Abiotic Degradation - Mechanisms of abiotic degradation include hydrolysis, oxidation, and reduction. Hydrolysis is the process where a chemical molecule and a water molecule are split and recombine to form new chemicals. Oxidation is the loss of electrons by an organic compound or by a metal ion. Reduction is the gain of electrons by an organic compound or by a metal ion. Thus, subsurface contaminants may be

degraded or transformed by these abiotic processes that occur naturally. The dominance or effectiveness of these transformation processes are governed by factors such as temperature, pH, solubility, etc.

- Retardation – Adsorption-desorption reactions cause contaminants to move at different rates and more slowly than normal groundwater flow. During migration through an aquifer, an organic molecule may adsorb to stationary soil particles, to iron oxyhydroxide or to organic coating on the particles, thus slowing the chemical's transport with the groundwater flow. Only after desorption will a contaminant rejoin the groundwater flow. The retardation factor (R) is governed by the partition coefficient (K_p) of organic compounds or by the distribution coefficient (K_d) of metals between the sorbed state and the dissolved state. These coefficients are available in reference books or may be measured in the laboratory using Site samples.

5.2 Contaminant Fate and Transport in Site Soils

Past releases of organic compounds coupled with the landfilling of industrial ash and debris have resulted in the presence of VOCs, SVOCs, PCBs, dioxins, and metals in Site soils. Some of these chemicals have mobilized and migrated into other environmental media.

5.2.1 VOCs Fate and Transport in Soils

VOCs were detected in areas throughout the Site from surface soil samples and in groundwater. The source of these VOCs is not known; however, it is likely the result of a series of small releases to the ground surface either during Site development or after. Additionally, the presence of potential chlorinated VOC sources such as dry cleaning operations and automotive repair facilities further complicates source attribution. Based upon the methods described in the EPA publication *DNAPL Site Characterization* (EPA, 1994), none of these VOC concentrations at Scovill are indicative of a non-aqueous phase liquid.

The fate of the VOCs is dependent on the properties of the chemicals and the receiving environmental medium. As liquids, VOCs seeping into the unsaturated soils are adsorbed to soil particles, enter into the soil pore spaces, or migrate vertically downwards under the influence of gravity.

Volatilization - VOCs adsorbed to soils at the ground surface would likely have volatilized to the ambient air because of their high vapor pressures and contact with the atmosphere. For VOCs remaining in shallow soils (but below ground surface), volatilization rates are much lower. VOCs are present in soils extending from near the ground surface through the top of the water table into the saturated zone; however, these concentrations are relatively low and not expected to contribute to ambient air contamination via volatilization.

Leaching - VOCs in the unsaturated soils can act as continuing sources to groundwater. Precipitation infiltrating through unsaturated soils gradually dissolves VOCs adsorbed to soil particles. Of the 200 +/- soil samples collected for VOC analysis, only a few soil samples have VOCs concentrations exceeding DEEP GB PMC including: benzene (twice), bromodichloromethane (once), carbon tetrachloride (twice), PCE (once), and TCE (twice). These substances were typically detected at low concentrations throughout the Site area and the leaching potential is considered to be relatively low. The SPLP soil and groundwater sample results do not support the idea of a VOC plume, but instead suggest a series of small and localized releases to groundwater.

Biodegradation - Review of available data indicates that some limited biodegradation of chlorinated VOCs may be occurring at the site. As described in Section 5.1.2, the microorganisms metabolize carbon sources (such as organic carbon or petroleum hydrocarbons) and require electron acceptors to complete the oxidation-reduction reactions mediated by the microorganisms. The presence of vinyl chloride in Site soil samples suggests that the parent VOCs such as PCE and TCE were released to the soils and underwent sequential reductive dechlorination to TCE and 1,2-DCE, respectively.

Wind & Overland Flow Erosion – There is very little bare ground at the Site; most of the Site area is either paved or covered by buildings and vegetation. This effectively eliminates wind erosion as a significant contaminant transport mechanism. Low concentrations of VOCs were detected in soil samples collected from throughout the Calabrese Parcel. Currently, the Calabrese Parcel is well vegetated and the potential for significant erosion into the adjacent wetlands is unlikely. However, the area has undergone historical rework which may have lead to minor erosion of soil from the Site area into the adjacent Wetlands 1 and 2.

There is one rip-rap lined catch basin structure located in the southwestern portion of the Calabrese Parcel that ties into the Carrington Brook/storm drain system. The Calabrese Parcel is vegetated and relatively flat so this catch basin receives storm water runoff from only a limited area within the southwestern portion of the parcel. This area is vegetated and was covered with approximately 6 inches of clean loam material following the DEEP remedial action so any erosion from storm water runoff is probably not a significant contaminant transport mechanism for VOCs to the Carrington Brook/storm drain system.

5.2.2 SVOCs Fate and Transport in Soils

Volatilization & Leaching - SVOCs and primarily PAHs and phthalates were detected throughout the entire Site area in surface and subsurface soil samples collected from depths as deep as 20 ft bgs. SVOCs (phthalates and PAHs) typically have limited volatility, are much less soluble than VOCs, and tend to sorb strongly to soils. Many of these substances exceed DEEP PMC values for GB aquifers, but were seldom detected in groundwater. This supports the concept that despite elevated soil concentrations, these SVOCs likely leaching by precipitation infiltration is minimal.

Wind & Overland Flow Erosion – SVOCs respond to wind and overland flow erosion in a manner similar to VOCs as discussed above in Section 5.2.1.

Biodegradation – SVOCs can be susceptible to anaerobic biodegradation; however the process is extremely slow and difficult to monitor.

In summary, while SVOCs are present in unsaturated soils, only minimal mobilization to Site groundwater was noted in some wells. Erosion of soils may contribute SVOCs to Wetland 1 and Wetland 2 sediments, but the presence of SVOC contamination in these sediment materials is likely due to past erosion occurrences or other urban contributors rather than an significant ongoing erosion of Calabrese Parcel soil. Contaminant migration into Site catch basins is also unlikely given the majority of these catch basins are installed in streets or parking lots. One catch basin is installed in the unpaved (but well vegetated) Calabrese Parcel. The catch basin is lined with riprap to prevent sidewall erosion, and it appears that only a small portion of the Calabrese Parcel actually drains toward it. The majority of the precipitation falling on the

Calabrese Parcel likely percolates through the vadose zone to groundwater, and in extreme storm events would flow overland to the two wetland areas located to the north.

5.2.3 Pesticides/PCBs Fate and Transport in Soils

Volatilization & Leaching - Similar to the SVOCs, pesticides and PCBs are relatively non-volatile and generally insoluble or only moderately soluble in water. Low concentrations of numerous pesticides were detected in vadose zone soil samples; but only alpha- and gamma-chlordane, dieldrin, and heptachlor epoxide exceeded DEEP PMC values for GB aquifers. Additional soil samples submitted for pesticide analysis via SPLP indicated infrequent detections; however none of the detections exceeded ten times the DEEP GA groundwater protection criteria. Low concentrations of pesticides have been detected infrequently in overburden groundwater samples collected from the Site. Groundwater samples also have infrequent detections of pesticides. Given the low concentrations of pesticides in the SPLP leaching samples and the infrequent detections of pesticides in groundwater samples, Site soils do not appear to be contributing significant concentrations of pesticides to groundwater.

Elevated concentrations of PCBs were detected in surface and subsurface soil samples primarily from the northern limits of the Site (119 Store Avenue (Risk Area E1) and the Calabrese Parcel). The elevated PCB contamination is likely limited to the filled portions of the Calabrese Parcel. Additionally, PCB contamination was reported to depths of 18 ft bgs (approximately the full waste thickness).

PCBs in site soils are expected to remain relatively immobile in the subsurface environment. PCBs are nonvolatile, have low solubility (only 0.049 to 0.24 mg/L), adsorb readily to organic matter and fine-grained soils, and were not detected in SPLP analyses.

Biodegradation – Some pesticides such as chlordane and dieldrin are resistant to biodegradation; while, other pesticides, such as 4,4'-DDT, are biodegradable in both aerobic and anaerobic conditions. Biodegradation of PCBs does occur, but degradation rates are very slow and PCBs tend to persist in soils.

Wind & Overland Flow Erosion – Pesticides and PCBs will respond to wind and overland flow erosion in a manner similar to VOCs as discussed above in Section 5.2.1.

In summary, while pesticides and PCBs are present in unsaturated soil, only minimal mobilization to Site groundwater was noted in some wells. Erosion of soils may be a transport mechanism for pesticides and PCBs to Wetland 1 and Wetland 2 sediments, but the presence of pesticides and PCBs contamination in these sediment materials likely originates from past erosion occurrences or other non-Scovill contribution mechanisms. Contaminant migration into Site catch basins is unlikely as the majority of these catch basins are installed in streets or parking lots. One catch basin is installed in the unpaved (but well vegetated) Calabrese Parcel only drains a small area of the parcel and vegetation acts as a natural filter. The majority of the precipitation falling on the Calabrese Parcel likely percolates through the vadose zone to groundwater with very little overland flow.

5.2.4 Dioxins and Furans Fate and Transport in Soils

Volatilization & Leaching - Similar to PCBs, dioxins and furans are nonvolatile, relatively insoluble in water (approximately 0.0193 mg/L), and adsorb to organic materials in soils. Their contribution to groundwater contamination is minimal, if at all.

Degradation – For dioxins and furans that may be present in surficial soils exposure to sunlight (photolysis), can be a degradation process for these chemicals.

Wind & Overland Flow Erosion – As stated previously, much of the Site is well vegetated and the potential for the generation of fugitive dust emissions is minimal. Therefore, dioxin/furan transport via this mechanism is also minimal. Any contributions to catch basin and wetlands is expected to be minimal.

5.2.5 Metals Fate and Transport in Soils

Soil to Groundwater Migration - The metals detected in onsite soils were also detected in the underlying groundwater. Soils contain metals released from past site activities and as naturally occurring components of soil minerals. When subjected to precipitation, and based on the solubilities of the compounds, metals can be leached from the soils and conveyed into the underlying groundwater. During the RI, numerous soil samples were collected and subjected to the SPLP analysis. A comparison between metals concentration in soils to corresponding SPLP analyses indicates that most of the metals can be leached when subjected to acidic

precipitation, (which occurs in the northeastern United States). All 23 TAL metals were detected in SPLP soil samples but only four vanadium detections and three lead detections exceeded DEEP PMC for a GB aquifer. One vanadium result was from the saturated zone (10 and 15 ft bgs), and may not be representative of soil subject to leaching.

These data suggest that while metals may be leached from the soils into groundwater through the seasonal fluctuations in groundwater elevations or through precipitation events, concentrations are not expected to adversely impact a GB groundwater aquifer.

Wind and Overland Flow Erosion - The presence of vegetation throughout the unpaved areas of the Site, makes fugitive dusts from wind erosion unlikely. Metals will respond to wind and overland flow erosion in a manner similar to the organics described previously.

5.3 Contaminant Fate and Transport in Site Groundwater

Advective flow is the primary transport mechanism when organic contaminants or metals enter into the groundwater. Diffusion and dispersion can also contribute to contaminant migration to a minimal degree. Once in the overburden aquifer, they can continue migrating in the general direction of groundwater flow or be moved from the aqueous phase through retardation processes. Available data indicate that groundwater from the site flows south and southwest towards the Mad River (approximately 1 mile southwest of the Site area). A supplemental evaluation (detailed in Appendix M) determined that the Site does not pose a threat to surface water quality at the Mad River.

5.3.1 VOCs Fate and Transport in Groundwater

Once in the overburden aquifer, the dissolved VOCs are likely transported via advective flow to the southwest. Groundwater samples collected from monitoring wells and through vertical profiling do not show widespread migration of VOCs. Concentrations are relatively low, and dilution likely occurs through mixing with less contaminated or uncontaminated groundwater rendering most contaminants undetectable.

The presence of chlorinated degradation products such as cis-1,2-DCE and vinyl chloride suggest the possibility of reductive dechlorination and anaerobic biodegradation of PCE and TCE.

Depth to groundwater at the Site are generally less than 15 ft bgs and groundwater VOC data were compared to DEEP residential groundwater indoor air criteria. The evaluation suggests that that 1,1-DCE and vinyl chloride in shallow overburden groundwater from monitoring well MW-12S and several of the vertical profiling samples, may potentially contribute to indoor air contamination at 119 Store Avenue (Risk Area E1) and the Calabrese Parcel (Risk Area J). Deep monitoring well MW-9D, located on 41 Dunbar Street (Risk Area D1) had vinyl chloride exceeding DEEP. However, there was no vinyl chloride residential groundwater vapor criteria exceedance in the companion shallow groundwater monitoring well MW-9S.

DEEP considers VOCs in groundwater within 15 feet of the ground surface to have the potential for volatilization to occupied spaces in buildings and structures. Actual volatilization to indoor spaces is governed by a variety of meteorological factors such as wind, relative humidity, precipitation, and barometric pressure, and geologic factors such as soil type, porosity, stratigraphy, and moisture, and structural factors such as building foundation types and conditions, piping conduits, and air handling systems. The lack of shallow groundwater contamination at this location suggests that the contamination is limited to the deeper zone and there is no pathway for potential indoor air contamination. Additional information regarding the evaluation of this exposure scenario is included in Section 4.2.3 of the human health risk assessment (Nobis, 2011), submitted under separate cover.

Based upon available hydrogeologic data and vertical gradients, there does not appear to be a significant mixing of groundwater between the shallow and deep overburden or the deep overburden to the bedrock units.

In summary, VOCs in groundwater are probably migrating very slowly by advective flow towards the southwest. Some sequential reductive dechlorination may be occurring, based on the presence of degradation products detected in groundwater samples. Some of these daughter compounds exceeded DEEP groundwater residential indoor air criteria suggesting a potential for groundwater contamination migration into indoor air. The groundwater beneath the Site and in the vicinity is not used for drinking water.

5.3.2 SVOCs Fate and Transport in Groundwater

SVOCs are generally insoluble or only slightly soluble in groundwater. SVOCs will likely adsorb to organic carbon present in the soils. The groundwater analytical data indicates the presence of SVOCs, principally PAHs and phthalates, in samples obtained from the shallow, deep, and rock aquifers. As indicated in Section 4, detection of acenapthene, caprolactam, BEHP, and fluorene were detected in several groundwater samples. The remaining SVOCs were infrequently and inconsistently detected in groundwater samples. These data suggest that a contaminant plume does not exist, but rather a series of small isolated sources may be contributing contaminants to the groundwater.

These groundwater contaminants may be transported via advective flow. The fill matrix is highly heterogeneous and because the material is not a native deposit, the available carbon allows SVOCs to sorb to soil particles. Small shifts or consolidation of the matrix may alter flow pathways, change sorption sites and contribute to these variable groundwater concentrations through time. Several SVOCs have been detected infrequently and inconsistently at the furthest down gradient monitoring wells at the Site, MW-6 and MW-6D. Low concentrations of SVOCs may have migrated off site through advective flow. Although no groundwater analyses have been performed downgradient of MW-6 and MW-6D, it is likely that these low concentrations would be diluted when comingled with groundwater from other offsite areas.

5.3.3 Pesticides/PCBs Fate and Transport in Groundwater

Pesticides are generally insoluble and are likely to adhere to fine-grained soil particles or to organic carbon in soils, and were only infrequently detected and at low concentrations in Site groundwater. These results indicate that pesticides are not migrating in groundwater.

PCBs have similar chemical characteristics as pesticides, are relatively insoluble, likely adhere to fine-grained soil particles or to organic carbon in soils, and thus, unlikely to be mobile in groundwater. PCBs were detected with very low frequency and were only reported in three wells during one round of sampling (December 2009). No PCBs were detected prior to or after that sampling round in any well. These outliers suggest the potential for analytical error on these samples. For that reason, coupled with the lack of detections anywhere else on the Site, PCBs are not considered to be present in the groundwater.

5.3.4 Inorganics Fate and Transport in Groundwater

In the aqueous phase, metals are conveyed with the ambient groundwater flow via advection and dispersion. Based upon geochemical conditions in the aquifer (pH, redox) some of the metals may undergo transformation processes and return to an insoluble state.

Advection – Both total and dissolved metals samples were collected during each of the eight consecutive rounds of sample collection. As stated in Section 4, the majority of the metals contaminant mass exists in the dissolved phase. These dissolved metals (along with some colloidal or near-colloidal particulates) may be transported advectively within ambient groundwater flow. With the exception of elevated manganese concentrations, groundwater samples collected from the most downgradient monitoring wells MW-5, MW-6 and MW-6D did not contain elevated metals contamination in either the total or dissolved fractions. Based upon these results, it is unlikely there is an appreciable metals load leaving the Site.

Adsorption and Precipitation – Groundwater geochemical conditions along the flow path and metals speciation play an important role in determining the adsorption/desorption and precipitation/dissolution of metals species to or from soil particulates. Groundwater metals results are generally low, well below solubility and not likely to be affected by precipitation. Therefore, adsorption/desorption is the primary influence on metals fate and transport. Given the near neutral pH and predominantly oxidative conditions in groundwater, these metals are likely to adsorb and attenuate in Site groundwater. This idea is supported by the generally low concentrations of these substances in Site groundwater, particularly in downgradient areas.

5.4 Contaminant Fate and Transport Summary

At the Scovill Site, historic filling of the Site with industrial wastes including ash, cinders, debris, and miscellaneous other materials as well as post-filling commercial operations at the Site have resulted in the release of VOCs (including chlorinated hydrocarbons, ketones, and aromatic hydrocarbons), SVOCs (principally phthalates, phenols, and PAHs), several organochlorine pesticides, PCBs, dioxins and furans, and metals to surface and subsurface soil. Depending on the combination of Site-related contaminants, geologic, hydrogeologic, or geochemical conditions, and surface features, contaminants released to site soils may have migrated into other environmental media (i.e., the underlying groundwater, the two wetland areas and associated sediments).

VOCs that adsorb to surficial soils are likely to volatilize to the ambient air because of the chemicals' high vapor pressures. Additionally, these VOCs are not expected to represent a significant erosion hazard as much of the Site is paved, covered by buildings, or well vegetated. VOCs in the subsurface may be degraded by naturally occurring bacteria that metabolizes aromatic hydrocarbons. Chlorinated solvents are used as electron acceptors and are degraded gradually through sequential dechlorination under appropriate conditions. Each of these processes may also be occurring in the overburden groundwater, as concentrations of sequential dechlorination daughter products were detected in several groundwater samples.

VOCs in subsurface soils may leach into groundwater through precipitation infiltration or migration. Very few of the detected VOCs exceeded DEEP GB PMC values, indicating minimal leaching potential. There is no distinct VOC contaminant plume, but rather small diffuse releases to groundwater. Overburden groundwater samples have low concentrations of chlorinated and other aromatic VOCs. These chlorinated VOCs, principally 1,1-DCE and vinyl chloride, exceeded DEEP groundwater volatilization criteria, indicating a potential concern if these VOCs were able to migrate into indoor air.

SVOCs, pesticides, PCBs, and dioxins are relatively non-volatile and generally insoluble in water. Many of the SVOCs (principally PAH compounds) were detected in surface and subsurface soil samples at concentrations exceeding DEEP GB PMC values, suggesting that these substances may leach to groundwater. No PAHs were detected in any soil samples analyzed using SPLP at concentrations exceeding of ten times the GA Groundwater Protection Criteria. BEHP was detected in two of these SPLP samples above that criterion. Even with the number of detections and large spatial distribution of these PAHs across the Site in soils, there appears to be very little leaching of SVOCs based on the few detections in groundwater. The chemical and physical characteristics of these organic compounds render them relatively immobile in the subsurface environment.

Non-volatile organic compounds in surface soil will likely adsorb to soil particles. Much of the Site area is either paved, covered with buildings, or well vegetated, therefore significant erosion and runoff is not expected in unpaved portions of the Site. Some limited erosion and runoff from unpaved surfaces on the Calabrese Parcel may migrate north and northeast towards the two wet areas. "Sediment" samples in these wet areas contain SVOCs, PCBs, and metals similar to

those detected in Calabrese Parcel soil samples. Additionally, a catch basin located in the southwest portion of the Calabrese Parcel may also receive runoff from a small area in the southwestern Calabrese Parcel. Because the parcel is well vegetated and covered with approximately 6 inches of clean loam, any erosion from the parcel migrating as suspended solids in runoff is minimal.

Wind erosion of surface soils is not expected to generate significant fugitive dusts or emissions based on the amount of cover on Site.

Based on the evaluation of analytical results, some of the metals may be leaching to groundwater. SPLP leaching test results indicate that some of the metals can leach to groundwater under acidic precipitation conditions (which are prevalent in the northeastern US). Only four lead and three vanadium samples exceeded DEEP GB PMC values.

6.0 BASELINE RISK ASSESSMENT

6.1 Human Health Evaluation

The Human Health Risk Assessment (HHRA) was published as a standalone document (Nobis, 2011). This section presents a summary of the baseline HHRA conducted for the Site. The objective of the HHRA was to estimate potential current and future human health risks from the presence of contamination in the soil, groundwater, sediment, and surface water in support of the RI and to provide the basis for determining appropriate remedial measures (if applicable) for these media as part of a feasibility study.

The Site history and Site description were presented in Section 1 of this RI Report. The Site is divided into two parcels (the 18-acre developed Parcel A and the 7-acre undeveloped Parcel B). Receptors evaluated within Parcel A include current and future residents, child recreational visitors, industrial/commercial workers, day care children, groundskeepers, and construction/utility workers. Receptors evaluated within Parcel B include current and future adolescent trespassers, as well as future residents, groundskeepers, industrial/commercial workers, and construction/utility workers. Potential exposures to contaminants in groundwater through volatilization into indoor air were evaluated separately for Parcel A and Parcel B, through a qualitative vapor intrusion evaluation. As described in Section 4.0, for consideration of soil exposures, the Site was further divided into 10 risk areas based on current land use and

potential exposures. Receptors evaluated in each risk area varied according to current and potential land-use. Potential exposures to contaminants in sediment and surface water were limited to the single risk area within Parcel B.

The HHRA quantitatively evaluated non-cancer health hazards, cancer risks, and lead exposures. Table 6-1 presents a summary of the major risk assessment findings for the Site. The following discussion focuses only on Reasonable Maximum Exposure (RME) Hazard Indices (HIs) greater than 1.0 with individual contaminant Hazard Quotients (HQs) or organ-specific HIs exceeding 1.0, RME cancer risks exceeding EPA targeted cancer risk range (10^{-4} to 10^{-6}), lead evaluation results with the Integrated Exposure Uptake Biokinetic (IEUBK) model estimating the probability of a child's blood lead concentration exceeding 10 µg/dL to be 5 percent or greater or the Adult Lead Methodology (ALM) estimating the probability of a fetal blood lead concentration exceeding 10µg/dL to be 5 percent or greater. Primary contributors to cancer risks (exceeding 1×10^{-6}) and hazard indices (exceeding HQ of 1.0) are also listed. A qualitative evaluation of groundwater exposures through potential vapor intrusion is also summarized below.

Risk Area D1

The cancer risk estimates for the current/future and future residents slightly exceed the EPA targeted cancer risk range (10^{-4} to 10^{-6}). The major contributors to residential cancer risk at Risk Area D1 are benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, arsenic, chromium, and vanadium.

Risk Area D3

No cancer risks exceeding the EPA targeted cancer risk range, hazard indices exceeding one, or blood lead levels of concern were identified for this risk area.

Risk Area E1

The cancer risk estimates for the future residents, assuming the elderly housing is converted to become housing for families and include children, exceed the EPA targeted cancer risk range (10-4 to 10-6). The major contributors to residential cancer risk at Risk Area E1 are dioxins (TEQ), bis(2-chloroethyl)ether, hexachlorobenzene, n-nitrosodi-n-propylamine,

benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, arsenic, and chromium.

Risk Area E2

No cancer risks exceeding the EPA targeted cancer risk range, hazard indices exceeding one, or blood lead levels of concern were identified for this risk area.

Risk Area E3

The cancer risk estimates for the current/future and future residents exceed the EPA targeted cancer risk range (10^{-4} to 10^{-6}). The major contributors to residential cancer risk at Risk Area E3 are benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, arsenic, and chromium.

Risk Area F

The cancer risk estimates for current/future and future residents exceed the EPA targeted cancer risk range (10^{-4} to 10^{-6}). The major contributors to cancer risk at Risk Area F are benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, arsenic, and chromium.

Risk Area G

No cancer risks exceeding the EPA targeted cancer risk range, hazard indices exceeding one, or blood lead levels of concern were identified for this risk area.

Risk Area H

No cancer risks exceeding the EPA targeted cancer risk range, hazard indices exceeding one, or blood lead levels of concern were identified for this risk area.

Risk Area I

The cancer risk estimates for future industrial/commercial workers exceed the EPA targeted cancer risk range (10^{-4} to 10^{-6}). The major contributors to cancer risk at Risk Area I are

benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, arsenic, and chromium.

Risk Area J

Estimated HIs indicated potential adverse non-cancer effects for current/future trespassers, future construction/utility workers, future adult and child residents, industrial/commercial workers, and groundskeepers from exposures to Aroclor 1254 (eyes and immune system primary target organs), chromium (no observed primary target organ through ingestion and dermal exposures; respiratory tract primary target organ through inhalation exposure), and nickel (body weight primary target organ) in soil. Chromium was the dominant risk driver.

The cancer risk estimates for current/future trespassers, future residents, industrial/ commercial workers, groundskeepers, and construction/utility workers exceed the EPA targeted cancer risk range (10^{-4} to 10^{-6}). The greatest contributor to risk is chromium, assumed to be 100 percent hexavalent chromium for risk assessment purposes, in surface and aggregate soil. Other major contributors to cancer risk at Risk Area J in surface and aggregate soils are dioxin TEQs (aggregate only), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, Aroclor 1254, Aroclor 1260, arsenic; and vanadium. Major contributors in sediment are benzo(a)pyrene, dibenz(a,h)anthracene, and chromium; and for surface water, benzo(a)pyrene.

Groundwater

Groundwater exposures were limited to potential vapor intrusion into indoor air spaces. This pathway was evaluated for Parcel A and Parcel B through comparison of inhalation risk-based screening criteria to shallow groundwater sampling results. Based on the Tier 1 and Tier 2 evaluations, the vapor intrusion pathway was considered potentially complete. Chloroform, TCE, vinyl chloride, and mercury concentrations in shallow groundwater exceed the screening levels in Parcel A. Because of the sporadic nature of VOC detections in groundwater at the Site, potential indoor sources, and the building configurations, it is unlikely that further evaluation through subslab soil gas sampling or indoor air sampling would provide definitive answers. Therefore, preventative remedial action such as installing a foundation vapor barrier is recommended for Parcel A. Shallow groundwater concentrations of vinyl chloride and

mercury in Parcel B exceed screening levels. Therefore, the vapor intrusion pathway is considered a potential future concern for Parcel B.

6.1.1 Uncertainty Analysis

As noted above, chromium, assumed to be 100 percent hexavalent chromium for risk assessment purposes, was identified as a major contributor to risk at several of the risk areas. Chromium speciation data were collected in March and April, 2011, and are presented in Section 4.2.1.6. The speciation data indicate total chromium detected at the Site contains 1.54% hexavalent chromium. The assumption that the measured total chromium represents hexavalent chromium greatly overestimates risks from total chromium. Since only the hexavalent form of chromium is considered carcinogenic, a re-examination of total RME cancer risks with the total chromium cancer risks adjusted to reflect 1.54% of the calculated chromium risks in each risk area and each scenario and total Site risks for each risk area and each scenario reduced to include only hexavalent chromium risks. This re-evaluation of chromium results eliminated chromium as a risk driver in all risk areas except Risk Area J.

6.2 Baseline Ecological Evaluation

The Baseline Ecological Risk Assessment (BERA) was published as a standalone document (TechLaw, 2010). This section presents a summary of that document. The objective of the BERA was to determine if exposure to COCs present in sediment and surface waters in Site wetlands is detrimental to ecological receptors in support of the RI and to provide the basis for determining appropriate remedial measures (if applicable) for these media as part of a FS.

The Site history and Site description are provided in Section 1. The major ecological habitats at the Site consist of two small wetlands along the 4-acres of fenced area in the 7-acre undeveloped Parcel B. These wetlands have a combined surface area of less than one acre and are surrounded by a red maple palustrine forested wetlands (about 2.5 acres). These habitats are degraded by the presence of invasive plant species (*Phragmites* and barberry) and the disposal of household trash and other refuse.

A screening-level ecological risk assessment (SLERA) was performed in 2003 using surface water and sediment analytical data from Wetland 1 (EPA, 2003). This SLERA indicated the potential for ecological risk to aquatic receptors due to the presence of organic and inorganic

COCs and EPA determined that a BERA would be performed to better quantify the extent of the potential risk.

The Conceptual Site Model (CSM) developed for the BERA indicated a second, smaller wetland (Wetland 2) should be included in the investigation; and showed the receptors of concern to be benthic invertebrates, water column invertebrates, and larval amphibians. Fish were not present in either wetland; and avian and mammalian receptors were not considered due to the small size of the wetlands and their location in a densely-populated urban area.

Potential risk to the benthic invertebrates was assessed by comparing the COC concentrations measured in individual sediment samples to conservative no effect- and effect-based sediment benchmarks and by evaluating survival and growth in freshwater benthic invertebrate (*Hyalella azteca* and *Chironomus tentans*) toxicity tests.

Potential risk to the water column invertebrates and larval amphibians was assessed by comparing the COC concentrations measured in individual surface water samples to chronic surface water benchmarks, evaluating survival and reproduction in freshwater invertebrates (*Ceriodaphnia dubia*), and evaluating survival and growth in fish (*Pimephales promelas;* a surrogate for amphibians).

6.2.1 Benthic Invertebrate Community

A high level of risk was predicted to be present in sediment samples collected from the two wetlands based on comparing COC concentrations to generic bulk sediment benchmarks. All of the risk associated with the organic COCs (i.e., PAHs, pesticides, and PCBs) was eliminated when their concentrations were adjusted for TOC, except for Aroclor-1260 Wetland 1 (in sample SED15A). Because of the generic nature of these benchmarks, this line of evidence (LOE) has a low weight-of-evidence (WOE).

No significant toxic response was observed for Wetland 1 in the toxicity tests. However, for Wetland 2, 100% mortality occurred for both test species in two of the three sediment samples. The third sample did not indicate any toxicity. This LOE has a medium-high WOE.

6.2.2 Water Column Invertebrate and Larval Amphibian Communities

A high level of risk was predicted to be present in surface water from the two wetlands based on comparing COC concentrations to chronic surface water benchmarks. Because of the generic nature of these benchmarks, this LOE has a low WOE.

No significant toxic response was observed in two of the three surface water samples from Wetland 1 for either *C. dubia* or *P. promelas*. A significant decrease in *C. dubia* survival and reproduction and *P. promelas* growth was noted in the third sample from Wetland 1. Another sample from the same location was collected two weeks later and tested. No significant toxicity was detected in either species. No significant toxicity was observed for Wetland 2 in the toxicity tests. These LOEs have medium WOE.

6.2.3 Summary

The preponderance of the evidence indicated a low potential for impact on the long-term health and stability of the benthic invertebrate community in Wetland 1 (except perhaps in a few focused areas with high levels of COCs) and of the local water column invertebrate and larval amphibian communities in Wetland 2.

A high potential for risk to benthic invertebrates was found in the northern half of Wetland 2 abutting Newberry Street, potentially due to concentrations of copper and/or the oily sheen observed during sediment sampling and toxicity testing. There is also the potential for localized and short-lived, but significant risk to water column invertebrates and larval amphibians in the vicinity of the metal “cage” at the southern tip of Wetland 1.

7.0 CONCLUSIONS

Based on the material presented in this RI Report, the following conclusions are presented:

Fill Material – The Company used the 25-acre Site for disposal of ash, cinders and demolition debris from 1919 until mid-1974. The material was landfilled across the width of the Site in a south to north progression to fill in low lying areas. It was reworked and spread to create areas for building development. The fill consists primarily of dark brown, gray and black ash waste mixed with varying amounts of silt and sand and is generally 12 to 18 feet thick, thinning out

near the edges of deposition. The waste appears to be predominantly ash and cinders with some clinkers. There was no evidence of any munitions and explosives contaminants during physical screening of the materials or subsequent chemical analyses.

Groundwater – The Site is in a GB aquifer, unsuitable for potable water uses. An upper and lower overburden aquifer can be described based on the hydrogeologic characteristics of the groundwater and subsurface materials. The delineation corresponds roughly to the limit between undisturbed native soil and the fill materials. Groundwater flow directions are to the south and south west following the old Carrington Brook drainage. Seasonal variations in groundwater flow direction and elevations are minimal.

Soil Contaminants – The fill is heterogeneous and chemical concentrations vary widely across the Site based on the temporal variability of manufacturing wastes being landfilled and reworking of the soil. Numerous VOCs were detected in soil, with none exceeding the RSR DEC and very few exceeding RSR PMC. There are some chlorinated compounds such as PCE and TCE that likely represent post landfilling placement given local industry in the area. PAHs were found across the Site at various depths as expected because a major component of the landfilled waste is coal-based ash. Other semivolatile compounds were also detected across the Site with the most prevalent being BEHP (a plasticizer found in commercial products) and carbazole a product often associated with coal gasification production. There were DEC and PMC exceedances for PAHs in most areas, generally within 1 to 5 times the particular chemical criterion. Pesticides were found in soils and likely are from post landfill placement activities. PCBs were found in soils mostly on the Calabrese Parcel and immediately adjacent as would be expected from the presence of capacitors discovered on Site in 1988 and past DEEP sampling. A wide variety of metals were found in Site soils and distributed across the Site. Many of these metals are found in coal ash. Each risk area had metals exceeding DEC but only lead and vanadium exceeded PMC. SPLP testing was performed as an alternate evaluation of whether Site soils exceed PMC. Exceedances were noted for TCE, BEHP, lead and vanadium. Further analyses using the 95% Upper Confidence Limit found TCE and lead below their respective PMC. Dissolved concentrations of all contaminants in groundwater were low suggesting that even though PMC were exceeded, any leaching to groundwater is minimal and does not present a problem in this GB aquifer.

Groundwater Contaminants – The irregular detection and scattered occurrences of various analytes across the Site do not suggest any contaminant plume. There is no evidence of non aqueous phase liquid. Chlorinated compounds such as PCE and TCE were found, but the 30 plus year time period between fill placement and their detection on Site suggests more recent, non-Scovill derived deposition. Some biodegradation of these chlorinated compounds is suggested by the presence of chlorinated daughter products. Two of these daughter products, 1,1-DCE and vinyl chloride, exceeded the RSR Volatilization Criteria for groundwater in the northern part of the Site on the Calabrese parcel and near 119 Store Ave and may pose a potential vapor intrusion problem to residents in the building at that address. Detections of SVOCs and pesticides were sporadic across the Site. Metals were found in every well but the groundwater is not used as a drinking water supply. A supplemental evaluation showed that Site contaminants do not pose a threat to the nearest surface water body.

Fate and Transport – With the exception of the Calabrese Parcel in the north, the remainder of the Site is generally paved or covered by buildings and structures. There are a few areas with trees and grass. Runoff is to storm drains with a minimum of infiltration on the Site. The paving and buildings limit any direct exposure to most contaminants and windborne and waterborne erosion transport are minimal. The Calabrese Parcel is vegetated, acts as a filter for surface runoff, and the most contaminated portion was covered by DEEP with a clean soil cap. Windborne and waterborne erosion transport for this parcel are expected to be minimal too.

Human Health Risk Assessment – The HHRA determined the following:

- There are cancer risks exceeding EPA target risk range (10^{-4} to 10^{-6}) from some SVOCs and metals at Risk Areas D1 (current/future and future residents), E1 (future residents if converted to family housing), E3 (current/future and future residents), F (current/future and future residents), I (future industrial workers), J (current/future trespassers, future residents, industrial/commercial workers, groundskeepers and construction/utility workers).

- Area J also has Hazard Indices indicating potential adverse non-cancer effects for current/future trespassers, future construction/utility workers, future adult/children residents, industrial/commercial workers and groundskeepers. Chromium is the predominant risk driver but some risk was from Aroclor 1254.

- Groundwater risk is limited to potential vapor intrusion from vinyl chloride into indoor air spaces in the northern part of parcel A and preventative remedial action is recommended. Vapor intrusion pathway should also be considered as a potential future concern for Parcel B because of shallow groundwater concentrations of vinyl chloride and mercury.

Ecological Risk Assessment – The BERA found evidence suggesting a low potential for impact on long term health and stability of benthic invertebrates in Wetland 1 and local water column invertebrate and larval amphibian communities in Wetland 2. There is a high potential risk to benthic invertebrates in the northern half of wetland 2 adjacent to Newbury Street based on copper and oily sheen from parking area runoff. There is also a potential for localized, short lived risk to water column invertebrates and larval amphibians in the southern area of Wetland 1 near the metal cage above the storm sewer line.

Data Limitations – Much of this report relies on data from previous investigations performed by other parties with different study objectives and purposes. Because of limited access, complicated by subsurface utility locations, further assessment may be required at Area I to refine contaminant distribution laterally and at depth. The extent of further refinement will depend on the particular remedial alternative selected. Further assessment may also be required to refine PCBs distribution across the Calabrese Parcel and the anomalous surface metals samples on the northern boundary.

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TABLES

Table 1-1
Site Chronology
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Date	Pre-RI Activities and Removal Actions
June 1919	Scovill Manufacturing Company acquired property by from Daniel McCarthy of Waterbury Connecticut.
Approx. 1919	Scovill initiates disposal of waste materials on property and appears to have progressed the disposal north from Meriden Road at Store Ave.
Spring 1941	Scovill sold the property located at 235 and 265 Meriden Road.
1946	The City of Waterbury completed a storm drain and sanitary sewer installation project. The project included the installation of a subsurface 54" concrete pipe for the conveyance of storm water and also Carrington Brook, and also 15-inch sewer pipe. The reroute of Carrington Brook to the underground culvert allowed Scovill to continue filling activities.
June 1953	Scovill sold the property located at 55 and 67 Academy Ave., though no photographic evidence was found to indicate these parcels received waste.
February 1955	Scovill sold another portion of 235 Meriden Road.
June 1955	Scovill sold the property located at 39 Academy Ave. and 50 Store Ave. (currently the East Gate Shopping Plaza property). No evidence of waste disposal activities were noted on the 39 Academy Ave. property, as a house had already been constructed in the earliest photographs of the Site area.
October 1955	Scovill sold property located at 20 Newman Ave and 55 Store Ave.
September 1956	Scovill sold additional property located at 55 Store Ave.
July 1960	Scovill sold property located at 77 Store Ave.
October 1960	Scovill sold property located along Store Ave. (no address given, but believed to be 120 Store Ave. (currently Toddler Town Day Care Center).
April 1961	Scovill sold property located at 136 Store Ave.
February 1962	Scovill had transferred remaining property ownership to the Scovill Foundation, subsequently property located at 27 Newman Ave. was sold to Luigi and Joseph Calabrese.
March 1963	Scovill sold additional portion of the 77 Store Ave. parcel.
April 1963	Scovill sold additional portions of the 27 Newman Ave. parcel to Luigi and Joseph Calabrese.
December 1963	Scovill sold a portion of 5 Dunbar Street (and possibly 17 Dunbar Street).
1951 – 1963	Based upon historic photographs, initial site development was undertaken. By 1963, the shopping plaza at 50 Store Ave., as well as commercial buildings located at 235, 263, 265 and 281 Meriden Road, and 55, 77, and 120 Store Ave. and 20 Newman Ave. had been constructed and were in operation. Each of these building remains.
January 1964	Scovill sold a portion of 136 Store Ave

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Date	Pre-RI Activities and Removal Actions
May 1964	Scovill sold a parcel located along Store Ave. The address is not known.
November 1965	A dry cleaning business was operating at 55 Store Ave, which presumably maintained operation until 1970, at which point the Franco American Club of Waterbury, Inc. took ownership of the property.
February 1966	Scovill sold a portion of 136 Store Ave.
February 1966:	Scovill sold a parcel located at 119 Store Ave.
March 1966	Scovill sold a parcel located at 41 Dunbar Street.
April 1968	Dunbar Armored Car Services operated out of the 20 Newman Ave. property.
1970	1970 aerial photography indicated 5 and 17 Dunbar Street developed for the first time, though the building usage is not known. These buildings were demolished by 1991. In approximately 1964, the apartment complex located at 136 Store Ave. was constructed. The 136 Store Ave. structure remains in use. 119 Store Ave. developed in approximately 1969, and this building remains in use.
July 1972	Scovill sold a portion of property identified as 143 Newbury Street, and a parcel located along Store Ave. (no address given, this may be a portion of what is now referred to as the Calabrese Parcel). Deed contained language indicating that although the property was sold, Scovill reserved the right to dump ashes and other material until June 30, 1974.
Sept. 1973	Joseph Calabrese acquired property located at 143 Newbury Street and Store Ave. (no address given). This property was previously sold by Scovill. It is possible that this sale included land currently identified as the Calabrese Parcel.
October 1974	Joseph Calabrese and a partner acquired parcels of property identified as 143 Newbury Street, which did not appear to be previously-owned by Scovill. The partner appears to have been bought out in winter/spring 1986.
1975	1975 aerial photography indicated much of the Calabrese Parcel filled and graded and/or undergoing such activity. Meridan Apartments located at 143 Newbury Street, apparently constructed in approximately 1973. These buildings remain in use.
1979	1979 aerial photography indicated portions of the Calabrese Parcel becoming vegetated. A large addition to the East Gate Shopping Plaza completed.
1985	1985 aerial photography indicate that the Calabrese Parcel overgrown. No other development completed.
March 1986	Joseph Calabrese sold property identified as 143 Newbury Street and Store Ave. (though no address is given). The sale also included the Meriden Apartments property.
1988	Joseph Calabrese initiated excavation activities on the Calabrese Parcel to install concrete footings for a planned development for the property.
November 1988	Citizen complaints to the City of Waterbury regarding suspected wetland violations in association with the Calabrese development prompted the Waterbury Department of Public Health to visit the property. The City agent noted potential contamination within the wetlands area and surface water and collected soil samples. CTDEP initiated an investigation of the Site.

Table 1-1
Site Chronology
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Date	Pre-RI Activities and Removal Actions
March 1989	CTDEP inspected the property and noted that waste materials excavated and staged in piles located throughout the property. Excavations ranged between 8 and 20 feet in depth, and water within these excavations exhibited an oily sheen. CTDEP observed electrical capacitors, rusted drums containing sludge material, metal wastes, and other materials and collected additional soil samples. Sample results indicated concentrations of PCBs (11 to 140 mg/Kg) and several metals. The City issued a cease and desist order on all work being conducted at the property based on the soil contamination and wetland violations.
April 1989	CTDEP noted that Carrington Brook had been redirected into a subsurface culvert, and as a result collected a surface water sample at the Carrington Brook discharge at Hamilton Pond. No significant contamination was noted.
October 1989	CTDEP issued a Hazardous Material Order (No. HM-637) to Joseph Calabrese requiring an investigation into the impacts of Site contamination to human health and the environment, develop a remedial strategy, and once approved, perform remediation and follow-up monitoring. Joseph Calabrese attempted to conduct some investigation/remediation activates, however, the extent of these activities is not currently known.
1991	1991 aerial photography indicated that excavation and stockpiling activities on the Calabrese Parcel initiated. Additionally the apartment/condominium complexes located at 5, 17, and 41 Dunbar Street, 9 Store Ave. and 27 Newman Ave. completed between 1987 and 1990. The buildings formerly located at 5 and 17 Dunbar Street were either demolished or possibly incorporated into the newer construction.
1995	1995 aerial photography indicated little change to the Calabrese Parcel or the developed parcels.
February 1997	CTDEP settled Hazardous Materials Order No. HM-637 with Joseph Calabrese due to Mr. Calabrese's inability to pay CTDEP-levied penalties or costs associated with anticipated remedial actions.
January 1998	CTDEP and EPA initiated Phase I site assessment activities at the Calabrese Parcel, and added the Site to the EPA list of potential Superfund candidate sites. CTDEP identified that numerous capacitors and waste material remained exposed at the ground surface, and trespassing was evident. Follow-up soil sampling confirmed the presence of several metals, VOCs petroleum-related substances, and PCBs.
March 1998	EPA conducted a Removal Preliminary Assessment/Site Investigation at the Calabrese Parcel. EPA personnel noted waste materials consistent with the previous CTDEP observations and collected additional soil samples for PCB analyses. A maximum concentration of 15 mg/Kg of Aroclor-1254 was reported from these samples.
March – August 1998	CTDEP completed remedial activities at the Calabrese Parcel removed wastes present at the surface, placed a 1-foot thick soil cover over the entire parcel, and fenced the higher-contamination area. Approximately 2,300 tons of PCB-contaminated soil and 18 capacitors were removed.
January 1999	A surface geophysical survey was performed on the Meriden Apartments property (143 Newbury Street). Subsurface geophysical anomalies were located and subsequently investigated. No waste materials (such as those identified on the Calabrese Parcel were noted in these investigations. Soil and groundwater samples collected in association with this investigation did not identify significant contamination.
March - April 1999	CTDEP and EPA contractor personnel collected soil samples for TCLP metals analyses. Maximum concentrations indicated that only cadmium may have the potential to leach to groundwater.
Sept. 1999	EPA completed a Site Inspection and collected 124 surface soil samples. These data utilized to support the listing of the Site on the National Priorities List.
July 2000	The Scovill Industrial Landfill was added to the National Priorities List.

Table 1-1
Site Chronology
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Date	Pre-RI Activities and Removal Actions
2000	2000 aerial photography indicated the Calabrese Parcel was regraded, and all excavations filled and stockpiles removed. Additionally, fencing is visible at the approximate limits of the soil cap placed by CTDEP during removal activities.
Fall 2002	EPA initiated Phase I of the Remedial Investigation at the Scovill Site. The Phase I investigation included the performance of a surface geophysical survey and seismic refraction study the landfill Site, collection of 36 surface soil samples, advancement of 35 soil borings, and collection of two surface water/sediment samples.
2004	EPA issued an Administrative Order to the potentially-responsible party (PRP) Saltire, Inc. to complete the remaining Remedial Investigation activities. The PRP initially complied with the order and submitted a Phase II Remedial Investigation/Feasibility Study Work Plan, which included the collection of surface and subsurface soil samples, groundwater samples and hydrogeological data, soil gas sampling, a storm sewer evaluation, and a site survey. Much of the work on Phase IIA was completed between May and July 2004, however the PRP filed for Chapter 11 Bankruptcy protection in August 2004, effectively freezing any further data collection and/or analysis by the PRP contractors.
March 2005	EPA contractor compiled all available Phase IIA data collected prior to the PRP bankruptcy.
2008	EPA contractor initiated the remaining Remedial Investigation (Phase III) activities.

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	fraction	SOM01.2	ILM05.4-AES
Weston START Soil Samples									
APJ30	SS-01	4/27/1999	SO	N	0	0.5	N	X	X
APJ31	SS-01	4/27/1999	SO	N	0.5	2	N	X	X
APJ32	SS-02	4/27/1999	SO	N	0	0.5	N	X	X
APJ33	SS-02	4/27/1999	SO	N	0.5	2	N	X	X
APJ34	SS-03	4/27/1999	SO	N	0	0.5	N	X	X
APJ35	SS-03	4/27/1999	SO	N	0.5	2	N	X	X
APJ36	SS-04	4/27/1999	SO	N	0	0.5	N	X	X
APJ37	SS-04	4/27/1999	SO	N	0.5	2	N	X	X
APJ38	SS-05	4/27/1999	SO	N	0	0.5	N	X	X
APJ39	SS-05	4/27/1999	SO	N	0.5	2	N	X	X
APJ40	SS-06	4/27/1999	SO	N	0	0.5	N	X	X
APJ41	SS-06	4/27/1999	SO	N	0.5	2	N	X	X
APJ42	SS-07	4/27/1999	SO	N	0	0.5	N	X	X
APJ43	SS-07	4/27/1999	SO	N	0.5	2	N	X	X
APJ44	SS-08	4/27/1999	SO	N	0	0.5	N	X	X
APJ45	SS-08	4/27/1999	SO	N	0.5	2	N	X	X
APJ46	SS-09	4/27/1999	SO	N	0	0.5	N	X	X
APJ47	SS-09	4/27/1999	SO	N	0.5	2	N	X	X
APJ48	SS-09	4/27/1999	SO	FD	0.5	2	N	X	X
APJ49	SS-10	4/27/1999	SO	N	0	0.5	N	X	X
APJ50	SS-10	4/27/1999	SO	N	0.5	2	N	X	X
APJ51	SS-11	4/27/1999	SO	N	0	0.5	N	X	X
APJ52	SS-11	4/27/1999	SO	N	0.5	2	N	X	X
APJ53	SS-12	4/27/1999	SO	N	0	0.5	N	X	X
APJ54	SS-12	4/27/1999	SO	N	0.5	2	N	X	X
APJ55	SS-13	4/26/1999	SO	N	0	0.5	N	X	X
APJ56	SS-13	4/26/1999	SO	N	0.5	2	N	X	X
APJ57	SS-14	4/27/1999	SO	N	0	0.5	N	X	X
APJ58	SS-14	4/27/1999	SO	N	0.5	2	N	X	X
APJ63	SS-17	4/26/1999	SO	N	0	0.5	N	X	X
APJ65	SS-17	4/26/1999	SO	FD	0	0.5	N	X	X
APJ64	SS-17	4/26/1999	SO	N	0.5	2	N	X	X
APJ66	SS-18	4/26/1999	SO	N	0	0.5	N	X	X
APJ67	SS-18	4/26/1999	SO	N	0.5	2	N	X	X
APJ68	SS-19	4/26/1999	SO	N	0	0.5	N	X	X
APJ69	SS-19	4/26/1999	SO	N	0.5	2	N	X	X

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	fraction	SOM01.2	ILM05.4-AES
Weston START Soil Samples (cont.)									
APJ70	SS-20	4/26/1999	SO	N	0	0.5	N	X	X
APJ71	SS-20	4/26/1999	SO	N	0.5	2	N	X	X
APJ72	SS-21	4/26/1999	SO	N	0	0.5	N	X	X
APJ73	SS-21	4/26/1999	SO	N	0.5	2	N	X	X
APJ74	SS-22	4/26/1999	SO	N	0	0.5	N	X	X
APJ75	SS-22	4/26/1999	SO	N	0.5	2	N	X	X
APJ76	SS-23	4/26/1999	SO	N	0	0.5	N	X	X
APJ77	SS-23	4/26/1999	SO	N	0.5	2	N	X	X
APJ78	SS-24	4/26/1999	SO	N	0	0.5	N	X	X
APJ79	SS-24	4/26/1999	SO	N	0.5	2	N	X	X
APJ80	SS-25	4/26/1999	SO	N	0	0.5	N	X	X
APJ82	SS-25	4/26/1999	SO	FD	0	0.5	N	X	X
APJ81	SS-25	4/26/1999	SO	N	0.5	2	N	X	X
APJ83	SS-26	4/26/1999	SO	N	0	0.5	N	X	X
APJ84	SS-26	4/26/1999	SO	N	0.5	2	N	X	X
APJ85	SS-27	4/26/1999	SO	N	0	0.5	N	X	X
APJ86	SS-27	4/26/1999	SO	N	0.5	2	N	X	X
APJ87	SS-28	4/26/1999	SO	N	0	0.5	N	X	X
APJ88	SS-28	4/26/1999	SO	N	0.5	2	N	X	X
APJ89	SS-29	4/26/1999	SO	N	0	0.5	N	X	X
APJ90	SS-29	4/26/1999	SO	N	0.5	2	N	X	X
APJ91	SS-30	4/26/1999	SO	N	0	0.5	N	X	X
APJ92	SS-30	4/26/1999	SO	N	0.5	2	N	X	X
APJ93	SS-31	4/26/1999	SO	N	0	0.5	N	X	X
APJ94	SS-31	4/26/1999	SO	N	0.5	2	N	X	X
APJ95	SS-32	4/26/1999	SO	N	0	0.5	N	X	X
APJ96	SS-32	4/26/1999	SO	N	0.5	2	N	X	X
APJ97	SS-33	4/26/1999	SO	N	0	0.5	N	X	X
APJ98	SS-33	4/26/1999	SO	N	0.5	2	N	X	X
APJ99	SS-34	4/26/1999	SO	N	0	0.5	N	X	X
APK00	SS-34	4/26/1999	SO	N	0.5	2	N	X	X
APK01	SS-34	4/26/1999	SO	FD	0.5	2	N	X	X
APK02	SS-35	4/26/1999	SO	N	0	0.5	N	X	X
APK03	SS-35	4/26/1999	SO	N	0.5	2	N	X	X
APK04	SS-36	4/26/1999	SO	N	0	0.5	N	X	X
APK05	SS-36	4/26/1999	SO	N	0.5	2	N	X	X

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	fraction	SOM01.2	ILM05.4-AES
Weston START Soil Samples (cont.)									
APK06	SS-37	4/26/1999	SO	N	0	0.5	N	X	X
APK07	SS-37	4/26/1999	SO	N	0.5	2	N	X	X
APK08	SS-38	4/26/1999	SO	N	0	0.5	N	X	X
APK09	SS-38	4/26/1999	SO	N	0.5	2	N	X	X
APK10	SS-39	4/26/1999	SO	N	0	0.5	N	X	X
APK11	SS-39	4/26/1999	SO	N	0.5	2	N	X	X
APK12	SS-40	4/26/1999	SO	N	0	0.5	N	X	X
APK13	SS-40	4/26/1999	SO	N	0.5	2	N	X	X
APK14	SS-41	4/28/1999	SO	N	0	0.5	N	X	X
APK15	SS-41	4/28/1999	SO	FD	0	0.5	N	X	X
APK16	SS-41	4/28/1999	SO	N	0.5	2	N	X	X
APK17	SS-42	4/28/1999	SO	N	0	0.5	N	X	X
APK18	SS-42	4/28/1999	SO	N	0.5	2	N	X	X
APK19	SS-43	4/27/1999	SO	N	0	0.5	N	X	X
APK20	SS-43	4/27/1999	SO	N	0.5	2	N	X	X
APK21	SS-44	4/27/1999	SO	N	0	0.5	N	X	X
APK22	SS-44	4/27/1999	SO	N	0.5	2	N	X	X
APK23	SS-45	4/27/1999	SO	N	0	0.5	N	X	X
APK24	SS-45	4/27/1999	SO	N	0.5	2	N	X	X
APK26	SS-46	4/28/1999	SO	N	0	0.5	N	X	X
APK27	SS-46	4/28/1999	SO	N	0.5	2	N	X	X
APK28	SS-47	4/28/1999	SO	N	0	0.5	N	X	X
APK29	SS-47	4/28/1999	SO	N	0.5	2	N	X	X
APK30	SS-48	4/28/1999	SO	N	0	0.5	N	X	X
APK31	SS-48	4/28/1999	SO	N	0.5	2	N	X	X
APK32	SS-49	4/28/1999	SO	N	0	0.5	N	X	X
APK34	SS-49	4/28/1999	SO	FD	0	0.5	N	X	X
APK33	SS-49	4/28/1999	SO	N	0.5	2	N	X	X
APK35	SS-50	4/28/1999	SO	N	0	0.5	N	X	X
APK36	SS-50	4/28/1999	SO	N	0.5	2	N	X	X
APK37	SS-51	4/28/1999	SO	N	0	0.5	N	X	X
APK38	SS-51	4/28/1999	SO	N	0.5	2	N	X	X
APK39	SS-52	4/28/1999	SO	N	0	0.5	N	X	X
APK40	SS-52	4/28/1999	SO	N	0.5	2	N	X	X
APK41	SS-53	4/28/1999	SO	N	0	0.5	N	X	X
APK42	SS-53	4/28/1999	SO	N	0.5	2	N	X	X

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	fraction	SOM01.2	ILM05.4-AES
Weston START Soil Samples (cont.)									
APK43	SS-54	4/28/1999	SO	N	0	0.5	N	X	X
APK44	SS-54	4/28/1999	SO	N	0.5	2	N	X	X
APK45	SS-55	4/28/1999	SO	N	0	0.5	N	X	X
APK46	SS-55	4/28/1999	SO	N	0.5	2	N	X	X
APK49	SS-57	4/28/1999	SO	N	0	0.5	N	X	X
APK61	SS-57	4/28/1999	SO	FD	0	0.5	N	X	X
APK50	SS-57	4/28/1999	SO	N	0.5	2	N	X	X
MAMH28	SS-47	4/28/1999	SO	FD	0	0.5	T		X
MAMH46	SS-50	4/28/1999	SO	FD	0.5	2	T		X
MAMH66	SS-51	4/28/1999	SO	FD	0	0.5	T		X
MAMH78	SS-55	4/28/1999	SO	FD	0	0.5	T		X
MAMH91	SS-55	4/28/1999	SO	FD	0.5	2	T		X
MAMJ03	SS-57	4/28/1999	SO	FD	0	0.5	T		X
MAMJ25	SS-57	4/28/1999	SO	FD	0.5	2	T		X
Weston START Sediment Samples									
DAF01R	SD01	4/28/1999	SD	N			N	X	X
DAF08R	SD02	4/28/1999	SD	N			T		X
DAF02R	SD03	4/28/1999	SD	N			N	X	X
DAF03R	SD04	4/28/1999	SD	N			N	X	X
DAF04R	SD05	4/28/1999	SD	N			N	X	X
DAF05R	SD06	4/28/1999	SD	N			N	X	X
DAF06R	SD07	4/28/1999	SD	N			N	X	X
DAF07R	SD08	4/28/1999	SD	N			N	X	X

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples													
SB-1-05-06~021014-07~~100302	SB01	10/3/2002	SO	N	5	6	N	X					
SB-1-05-06~47109~~100302	SB01	10/3/2002	SO	N	5	6	T		X				
SB-1-05-06~AD731~~100302	SB01	10/3/2002	SO	N	5	6	N	X					
SB01-10-15~2102198~~101402	SB01	10/14/2002	SO	N	10	15	N	X					
SB01-10-15~47298~~101402	SB01	10/14/2002	SO	N	10	15	T		X				
SB01-10-15~H73GK194~~101402	SB01	10/14/2002	SO	N	10	15	N	X					
SB01-12-13~AA26025~~101002	SB01	10/10/2002	SO	N	12	13	N	X					
KSB02-00-05~2102200~~101402	SB02	10/14/2002	SO	FD	0	5	N	X					
KSB02-00-05~47300~FDOFMA0SX6~101402	SB02	10/14/2002	SO	FD	0	5	T		X				
KSB02-00-05~47300~FDOFMA0SX7~101402	SB02	10/14/2002	SO	FD	0	5	T		X				
KSB02-00-05~H73GK189~FDOFA0SA0~101402	SB02	10/14/2002	SO	FD	0	5	N	X					
SB02-00-05~2102199~FDOFA0SA0~101402	SB02	10/14/2002	SO	N	0	5	N	X					
SB02-00-05~H73GK190~FDOFA0SA1~101402	SB02	10/14/2002	SO	N	0	5	N	X					
SB02-00-15~47299~~101402	SB02	10/14/2002	SO	N	0	15	T		X				
SB02-00-15~47299~FDOFMA0SX7~101402	SB02	10/14/2002	SO	N	0	15	T		X				
SB02-05-10~202164-005~~101402	SB02	10/14/2002	SO	N	5	10	N			X			X
SB02-05-10~202164-005~~101402	SB02	10/14/2002	SO	N	5	10	T				X	X	
SB02-05-10~2102201~~101402	SB02	10/14/2002	SO	N	5	10	N	X					
SB02-05-10~47301~~101402	SB02	10/14/2002	SO	N	5	10	T		X				
SB02-05-10~H73GK193~~101402	SB02	10/14/2002	SO	N	5	10	N	X					
SB02-5-6~AA26031~~102202	SB02	10/22/2002	SO	N	5	6	N	X					
SB02-18-19~AA26030~~101102	SB02	10/11/2002	SO	N	18	19	N	X					
SB03-00-05~2102210~~101602	SB03	10/16/2002	SO	N	0	5	N	X					
SB03-00-05~47310~~101602	SB03	10/16/2002	SO	N	0	5	T		X				
SB03-00-05~H73GK186~~101602	SB03	10/16/2002	SO	N	0	5	N	X					
SB03-6-7~AA26036~~102302	SB03	10/23/2002	SO	N	6	7	N	X					
SB04-00-05~2102209~~101602	SB04	10/16/2002	SO	N	0	5	N	X					
SB04-00-05~47309~~101602	SB04	10/16/2002	SO	N	0	5	T		X				
SB04-00-05~H73GK212~~101602	SB04	10/16/2002	SO	N	0	5	N	X					
SB04-00-05~H73GK225~~101602	SB04	10/16/2002	SO	N	0	5	N	X					
SB04-05-10~2102229~~101602	SB04	10/16/2002	SO	N	5	10	N	X					
SB04-05-10~47324-2~~101602	SB04	10/16/2002	SO	N	5	10	T		X				

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SB04-05-10~H73GK234~~101602	SB04	10/16/2002	SO	N	5	10	N	X					
SB04-6-7~AA26038~~103102	SB04	10/31/2002	SO	N	6	7	N	X					
SB04-10-11~AA26037~~102402	SB04	10/24/2002	SO	N	10	11	N	X					
SB05-00-05~2102236~~101802	SB05	10/18/2002	SO	N	0	5	N	X					
SB05-00-05~47331~~101802	SB05	10/18/2002	SO	N	0	5	T		X				
SB05-00-05~H73GK243~~101802	SB05	10/18/2002	SO	N	0	5	N	X					
SB05-05-10~2102237~~101802	SB05	10/18/2002	SO	N	5	10	N	X					
SB05-05-10~H73GK235~~101802	SB05	10/18/2002	SO	N	5	10	N	X					
SB05-9-10~AA26114~~101102	SB05	10/11/2002	SO	N	9	10	N	X					
SB05-14-15~AA26115~~101402	SB05	10/14/2002	SO	N	14	15	N	X					
SB06-05-10~202164-006~~101802	SB06	10/18/2002	SO	N	5	10	N			X			X
SB06-05-10~202164-006~~101802	SB06	10/18/2002	SO	N	5	10	T				X	X	
SB06-05-10~2102238~~101802	SB06	10/18/2002	SO	N	5	10	N	X					
SB06-05-10~47332~~101802	SB06	10/18/2002	SO	N	5	10	T		X				
SB06-05-10~H73GK233~~101802	SB06	10/18/2002	SO	N	5	10	N	X					
SB06-7-8~AA26116~~102102	SB06	10/21/2002	SO	N	7	8	N	X					
SB06-10-05~47333~~101802	SB06	10/18/2002	SO	N	10	15	T		X				
SB06-10-15~2102239~~101802	SB06	10/18/2002	SO	N	10	15	N	X					
SB06-10-15~H73GK209~~101802	SB06	10/18/2002	SO	N	10	15	N	X					
SB06-15-20~2102240~~101802	SB06	10/18/2002	SO	N	15	20	N	X					
SB06-15-20~47334~~101802	SB06	10/18/2002	SO	N	15	20	T		X				
SB06-15-20~H73GK208~~101802	SB06	10/18/2002	SO	N	15	20	N	X					
SB06-16-17~AA26117~~101002	SB06	10/10/2002	SO	N	16	17	N	X					
SB07-00-05~47179~~100902	SB07	10/9/2002	SO	N	0	5	T		X				
SB0700-05~47180~~100902	SB07	10/9/2002	SO	N	0	5	T		X				
SB07-00-05~50977.12~~100902	SB07	10/9/2002	SO	N	0	5	N	X					
SB07-00-05~50977.12DL~~100902	SB07	10/9/2002	SO	N	0	5	N	X					
SB07-00-05~S2101620.D~~100902	SB07	10/9/2002	SO	N	0	5	N	X					
SB07-02-03~AA25780~~110402	SB07	11/4/2002	SO	N	2	3	N	X					
SB07-05-10~50977.01~~100902	SB07	10/9/2002	SO	N	5	10	N	X					
SB07-05-10~V2101610.D~~100902	SB07	10/9/2002	SO	N	5	10	N	X					
SB07-12-13~AA25781~~102402	SB07	10/24/2002	SO	N	12	13	N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SB08-00-05~47185~~100902	SB08	10/9/2002	SO	N	0	5	T		X				
SB08-00-05~50977.08~~100902	SB08	10/9/2002	SO	N	0	5	N	X					
SB08-00-05~V2101707.D~~100902	SB08	10/9/2002	SO	N	0	5	N	X					
SB08-00-05~50977.08DL37538~~101405	SB08	10/14/2002	SO	N	0	5	N	X					
SB08-02-03~AA25784~~103102	SB08	10/31/2002	SO	N	2	3	N	X					
SB08-05-10~202164-002~~100902	SB08	10/9/2002	SO	N	5	10	N			X			X
SB08-05-10~202164-002~~100902	SB08	10/9/2002	SO	N	5	10	T				X	X	
SB08-05-10~47186~~100902	SB08	10/9/2002	SO	N	5	10	T		X				
SB08-05-10~50977.13~~100902	SB08	10/9/2002	SO	N	5	10	N	X					
SB08-05-10~50977.13DL~~100902	SB08	10/9/2002	SO	N	5	10	N	X					
SB08-05-10~S2101621.D~~100902	SB08	10/9/2002	SO	N	5	10	N	X					
SB08-15-16~AA25785~~110102	SB08	11/1/2002	SO	N	15	16	N	X					
SB09-00-05~A0RG4-20~~102202	SB09	10/22/2002	SO	N	0	5	N	X					
SB09-00-05~A0RG4-20J2A70~~102202	SB09	10/22/2002	SO	N	0	5	N	X					
SB09-00-05~P4842-15~~102202	SB09	10/22/2002	SO	N	0	5	T		X				
SB-10-04-05~021014-08~~100402	SB10	10/4/2002	SO	N	4	5	N	X					
SB-10-04-05~47110~~100402	SB10	10/4/2002	SO	N	4	5	T		X				
SB10-04-05~AA25703~~100402	SB10	10/4/2002	SO	N	4	5	N	X					
SB-10-04-05~AD732~~100402	SB10	10/4/2002	SO	N	4	5	N	X					
~02102224DL~~101702	SB11	10/17/2002	SO	N	0	5	N	X					
SB11-00-05~2102224~~101702	SB11	10/17/2002	SO	N	0	5	N	X					
SB11-00-05~H73GK214~~101702	SB11	10/17/2002	SO	N	0	5	N	X					
SB11-00-15~47319~~101702	SB11	10/17/2002	SO	N	0	15	T		X				
SB11-05-10~2102225~~101702	SB11	10/17/2002	SO	N	5	10	N	X					
SB1105-10~47320~~101702	SB11	10/17/2002	SO	N	5	10	T		X				
SB11-05-10~H73GK213~~101702	SB11	10/17/2002	SO	N	5	10	N	X					
SB11-05-10~47330~~101802	SB11	10/18/2002	SO	N	5	10	T		X				
SB11-6-7~AA26109~~101402	SB11	10/14/2002	SO	N	6	7	N	X					
SB11-15-16~AA26110~~101402	SB11	10/14/2002	SO	N	15	16	N	X					
SB12-15-20~2102226~~101702	SB12	10/17/2002	SO	N	15	20	N	X					
SB12-15-20~47321~~101702	SB12	10/17/2002	SO	N	15	20	T		X				
SB12-15-20~H73GK187~~101702	SB12	10/17/2002	SO	N	15	20	N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SB12-18-19~AA26111~~101402	SB12	10/14/2002	SO	N	18	19	N	X					
SB-13-04-06~021014-04~~100302	SB13	10/3/2002	SO	N	4	6	N	X					
SB-13-04-06~47107~~100302	SB13	10/3/2002	SO	N	4	6	T		X				
SB-13-04-06~AD729~~100302	SB13	10/3/2002	SO	N	4	6	N	X					
SB13-10-15~47199~~101102	SB13	10/11/2002	SO	N	10	15	T		X				
SB13-10-15~50985.13~~101102	SB13	10/11/2002	SO	N	10	15	N	X					
SB13-10-15~V2101618.D~~101102	SB13	10/11/2002	SO	N	10	15	N	X					
SB13-10-15~V2101711.D~~101102	SB13	10/11/2002	SO	N	10	15	N	X					
SB13-12-13~AA25799~~101602	SB13	10/16/2002	SO	N	12	13	N	X					
SB13-15-20~47198~~101102	SB13	10/11/2002	SO	N	15	20	T		X				
SB13-15-20~50985.12~~101102	SB13	10/11/2002	SO	N	15	20	N	X					
SB13-15-20~V2101615.D~~101102	SB13	10/11/2002	SO	N	15	20	N	X					
SB14-00-05~50977.04~~100902	SB14	10/9/2002	SO	N	0	5	N	X					
SB14-00-05~50977.04DL~~100902	SB14	10/9/2002	SO	N	0	5	N	X					
SB14-00-05~V2101706.D~~100902	SB14	10/9/2002	SO	N	0	5	N	X					
SB14-02-03~AA25782~~101602	SB14	10/16/2002	SO	N	2	3	N	X					
SB14-10-15~202164-001~~100902	SB14	10/9/2002	SO	N	10	15	N			X			X
SB14-10-15~202164-001~~100902	SB14	10/9/2002	SO	N	10	15	T				X	X	
SB14-10-15~47178-1~~100902	SB14	10/9/2002	SO	N	10	15	T		X				
SB14-10-15~50977.09~~100902	SB14	10/9/2002	SO	N	10	15	N	X					
SB14-10-15~V2101619.D~~100902	SB14	10/9/2002	SO	N	10	15	N	X					
SB14-18-19~AA25783~~101602	SB14	10/16/2002	SO	N	18	19	N	X					
~50985.11DL~~101102	SB15	10/11/2002	SO	N	0	5	N	X					
SB15-00-05~47197~~101102	SB15	10/11/2002	SO	N	0	5	T		X				
SB15-00-05~50985.11~~101102	SB15	10/11/2002	SO	N	0	5	N	X					
SB15-00-05~V2101617.D~~101102	SB15	10/11/2002	SO	N	0	5	N	X					
SB15-00-05~V2101709.D~~101102	SB15	10/11/2002	SO	N	0	5	N	X					
SB15-00-05~V2101710.D~~101102	SB15	10/11/2002	SO	N	0	5	N	X					
SB15-10-15~50985.1~~101002	SB15	10/10/2002	SO	N	10	15	N	X					
SB15-10-15~202164-004~~101102	SB15	10/11/2002	SO	N	10	15	N			X			X
SB15-10-15~202164-004~~101102	SB15	10/11/2002	SO	N	10	15	T				X	X	
SB15-10-15~47196~~101102	SB15	10/11/2002	SO	N	10	15	T		X				

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SB15-10-15~V2101705.D~~101102	SB15	10/11/2002	SO	N	10	15	N	X					
SB15-10-11~AA25796~~101802	SB15	10/18/2002	SO	N	10	11	N	X					
SB15-16-17~AA25795~~101802	SB15	10/18/2002	SO	N	16	17	N	X					
SB16-00-01~AA26224~~101802	SB16	10/18/2002	SO	N	0	1	N	X					
A0SE5-4~~~102302	SB16	10/23/2002	SO	N	0	1	N	X					
SB16-00-01~A0SE5-4A70~~102302	SB16	10/23/2002	SO	N	0	1	N	X					
SB16-00-01~P4842-21~~102302	SB16	10/23/2002	SO	N	0	1	T		X				
SB17-00-01~AA26221~~101802	SB17	10/18/2002	SO	N	0	1	N	X					
A0SE5-5~~~102302	SB17	10/23/2002	SO	N	0	1	N	X					
SB17-00-01~A0SE5-5A70~~102302	SB17	10/23/2002	SO	N	0	1	N	X					
SB17-00-01~P4842-22~~102302	SB17	10/23/2002	SO	N	0	1	T		X				
SB18-05-10~2102227~~101702	SB18	10/17/2002	SO	N	5	10	N	X					
SB18-05-10~47322~~101702	SB18	10/17/2002	SO	N	5	10	T		X				
SB18-05-10~H73GK242~~101702	SB18	10/17/2002	SO	N	5	10	N	X					
SB18-6-7~AA26112~~100902	SB18	10/9/2002	SO	N	6	7	N	X					
SB18-10-20~2102228~~101702	SB18	10/17/2002	SO	N	10	20	N	X					
SB18-10-20~47323~~101702	SB18	10/17/2002	SO	N	10	20	T		X				
SB18-10-20~H73GK236~~101702	SB18	10/17/2002	SO	N	10	20	N	X					
SB18-12-13~AA26113~~100902	SB18	10/9/2002	SO	N	12	13	N	X					
SB20-05-10~202164-008~~102102	SB20	10/21/2002	SO	N	5	10	N			X			X
SB20-05-10~202164-008~~102102	SB20	10/21/2002	SO	N	5	10	T				X	X	
SB20-05-10~A0RG4-10~~102102	SB20	10/21/2002	SO	N	5	10	N	X					
SB20-05-10~A0RG4-10A70~~102102	SB20	10/21/2002	SO	N	5	10	N	X					
SB20-05-10~P4842-01~~102102	SB20	10/21/2002	SO	N	5	10	T		X				
SB20-08-09~AA26207~~100902	SB20	10/9/2002	SO	N	8	9	N	X					
SB20-10-15~A0RG4-14~~102102	SB20	10/21/2002	SO	N	10	15	N	X					
SB20-10-15~A0RG4-14A70~~102102	SB20	10/21/2002	SO	N	10	15	N	X					
SB20-10-15~P4842-09~~102102	SB20	10/21/2002	SO	N	10	15	T		X				
SB20-14-15~AA26205~~100902	SB20	10/9/2002	SO	N	14	15	N	X					
SB-21-04-06~021014-09~~100402	SB21	10/4/2002	SO	N	4	6	N	X					
SB-21-04-06~47111~~100402	SB21	10/4/2002	SO	N	4	6	T		X				
SB21-04-06~AA25702~~100402	SB21	10/4/2002	SO	N	4	6	N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SB-21-04-06~AD733~~100402	SB21	10/4/2002	SO	N	4	6	N	X					
SB21-10-15~2102202~~101402	SB21	10/14/2002	SO	N	10	15	N	X					
SB21-10-15~47302~~101402	SB21	10/14/2002	SO	N	10	15	T		X				
SB21-10-15~H73GK185~~101402	SB21	10/14/2002	SO	N	10	15	N	X					
SB21-17-18~AA26028~~101702	SB21	10/17/2002	SO	N	17	18	N	X					
~50985.05DL~~101002	SB22	10/10/2002	SO	N	0	5	N	X					
SB22-00-05~47193-3~~101002	SB22	10/10/2002	SO	N	0	5	T		X				
SB22-00-05~50985.05~~101002	SB22	10/10/2002	SO	N	0	5	N	X					
SB22-00-05~V2101623.D~~101002	SB22	10/10/2002	SO	N	0	5	N	X					
SB22-00-05~V2101712.D~~101002	SB22	10/10/2002	SO	N	0	5	N	X					
SB22-04-05~AA25794~~101702	SB22	10/17/2002	SO	N	4	5	N	X					
KSB22-10-15~47195~FDOFMA0SW5~101002	SB22	10/10/2002	SO	FD	10	15	T		X				
KSB22-10-15~50985.09~FDOFA0S88~101002	SB22	10/10/2002	SO	FD	10	15	N	X					
KSB22-10-15~V2101613.D~FDOFA0S88~101002	SB22	10/10/2002	SO	FD	10	15	N	X					
SB22-10-15~47194~FDOFMA0SW6~101002	SB22	10/10/2002	SO	N	10	15	T		X				
SB22-10-15~50985.08~FDOFA0S89~101002	SB22	10/10/2002	SO	N	10	15	N	X					
SB22-10-15~V2101612.D~FDOFA0S89~101002	SB22	10/10/2002	SO	N	10	15	N	X					
SB22-18-19~AA25793~~101702	SB22	10/17/2002	SO	N	18	19	N	X					
SB23-00-05~47189~~101002	SB23	10/10/2002	SO	N	0	5	T		X				
SB23-00-05~50985.01~~101002	SB23	10/10/2002	SO	N	0	5	N	X					
SB23-00-05~V2101714.D~~101002	SB23	10/10/2002	SO	N	0	5	N	X					
SB23-02-03~AA25786~~101102	SB23	10/11/2002	SO	N	2	3	N	X					
SB23-05-10~47190~~101002	SB23	10/10/2002	SO	N	5	10	T		X				
SB23-05-10~50985.02~~101002	SB23	10/10/2002	SO	N	5	10	N	X					
SB23-05-10~V2101611.D~~101002	SB23	10/10/2002	SO	N	5	10	N	X					
K5B23-10-15~50977.07~FDOFA0KM0~101003	SB23	10/10/2002	SO	FD	10	15	N	X					
K5B23-10-15~V2101609.D~FDOFA0KM0~101002	SB23	10/10/2002	SO	FD	10	15	N	X					
KSB23-10-15~47184~FDOFMA0ST6~101002	SB23	10/10/2002	SO	FD	10	15	T		X				
SB23-10-15~202164-003~~101002	SB23	10/10/2002	SO	N	10	15	N			X			X
SB23-10-15~202164-003~~101002	SB23	10/10/2002	SO	N	10	15	T				X	X	
SB23-10-15~47183~FDOFMA0ST7~101002	SB23	10/10/2002	SO	N	10	15	T		X				
SB23-10-15~50977.06~FDOFA0KM1~101002	SB23	10/10/2002	SO	N	10	15	N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SB23-10-15~V2101608.D~FDOFA0KM1~101002	SB23	10/10/2002	SO	N	10	15	N	X					
SB23-13-14~AA25787~~100902	SB23	10/9/2002	SO	N	13	14	N	X					
SB24-00-05~AA25788~~100902	SB24	10/9/2002	SO	N	0	5	N	X					
~50985.03DL~~101002	SB24	10/10/2002	SO	N	0	5	N	X					
SB24-00-05~47191~~101002	SB24	10/10/2002	SO	N	0	5	T		X				
SB24-00-05~50985.03~~101002	SB24	10/10/2002	SO	N	0	5	N	X					
SB24-00-05~V2101628.D~~101002	SB24	10/10/2002	SO	N	0	5	N	X					
SB24-00-05~V2101715.D~~101002	SB24	10/10/2002	SO	N	0	5	N	X					
SB24-05-10~47192~~101002	SB24	10/10/2002	SO	N	5	10	T		X				
SB24-05-10~50985.04~~101002	SB24	10/10/2002	SO	N	5	10	N	X					
SB24-05-10~V2101616.D~~101002	SB24	10/10/2002	SO	N	5	10	N	X					
SB24-05-10~V2101708.D~~101002	SB24	10/10/2002	SO	N	5	10	N	X					
SB24-18-19~AA25790~~101102	SB24	10/11/2002	SO	N	18	19	N	X					
SB-25-04-06~021014-06~~100302	SB25	10/3/2002	SO	N	4	6	N	X					
SB-25-04-06~47108~~100302	SB25	10/3/2002	SO	N	4	6	T		X				
SB25-04-06~AD847~~100302	SB25	10/3/2002	SO	N	4	6	N	X					
KSB25-10-15~A0RG4-8~FDOFA0SC9~102102	SB25	10/21/2002	SO	FD	10	15	N	X					
KSB25-10-15~A0RG4-8A70~FDOFA0SC9~102102	SB25	10/21/2002	SO	FD	10	15	N	X					
KSB25-10-15~P4842-03~FDOFMA0T04~102102	SB25	10/21/2002	SO	FD	10	15	T		X				
SB25-10-15~A0RG4-7~FDOFA0SD0~102102	SB25	10/21/2002	SO	N	10	15	N	X					
SB25-10-15~A0RG4-7A70~FDOFA0SD0~102102	SB25	10/21/2002	SO	N	10	15	N	X					
SB25-10-15~P4842-02~FDOFMA0T05~102102	SB25	10/21/2002	SO	N	10	15	T		X				
SB25-18-19~AA26209~~101102	SB25	10/11/2002	SO	N	18	19	N	X					
SB26-05-10~202164-009~~102102	SB26	10/21/2002	SO	N	5	10	N						X
SB26-05-10~A0RG4-11~~102102	SB26	10/21/2002	SO	N	5	10	N	X					
SB26-05-10~A0RG4-11A70~~102102	SB26	10/21/2002	SO	N	5	10	N	X					
SB26-05-10~P4842-05~~102102	SB26	10/21/2002	SO	N	5	10	T		X				
SB26-08-09~AA26213~~102302	SB26	10/23/2002	SO	N	8	9	N	X					
SB26-10-15~A0RG4-15~~102102	SB26	10/21/2002	SO	N	10	15	N	X					
SB26-10-15~A0RG4-15A70~~102102	SB26	10/21/2002	SO	N	10	15	N	X					
SB26-10-15~P4842-10~~102102	SB26	10/21/2002	SO	N	10	15	T		X				
SB26-12-13~AA26211~~102302	SB26	10/23/2002	SO	N	12	13	N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
A0SE5-8~~~102202	SB27	10/22/2002	SO	N	5	10	N	X					
SB27-05-10~A0SE5-8DA70~~102202	SB27	10/22/2002	SO	N	5	10	N	X					
SB27-06-07~AA26215~~101702	SB27	10/17/2002	SO	N	6	7	N	X					
A0SE5-9~~~102202	SB27	10/22/2002	SO	N	10	15	N	X					
SB27-10-15~A0SE5-9DA70~~102202	SB27	10/22/2002	SO	N	10	15	N	X					
SB27-10-15~P4845-06~~102202	SB27	10/22/2002	SO	N	10	15	T		X				
SB27-10-15~P4845-07~~102202	SB27	10/22/2002	SO	N	10	15	T		X				
SB27-16-17~AA26210~~101702	SB27	10/17/2002	SO	N	16	17	N	X					
A0SE5-3~~~102302	SB28	10/23/2002	SO	N	0	3	N	X					
SB28-00-03~A0SE5-3A70~~102302	SB28	10/23/2002	SO	N	0	3	N	X					
SB28-00-03~P4842-20~~102302	SB28	10/23/2002	SO	N	0	3	T		X				
SB28-02-03~AA26225~~102102	SB28	10/21/2002	SO	N	2	3	N	X					
A0SE5-2~~~102302	SB29	10/23/2002	SO	N	0	4	N	X					
SB29-00-04~A0SE5-2A70~~102302	SB29	10/23/2002	SO	N	0	4	N	X					
SB29-00-04~P4842-19~~102302	SB29	10/23/2002	SO	N	0	4	T		X				
SB29-01-02~AA26222~~102102	SB29	10/21/2002	SO	N	1	2	N	X					
A0SE5-1~~~102302	SB30	10/23/2002	SO	N	0	4	N	X					
KSB30-00-04~202164-012~FDOFD03342~102302	SB30	10/23/2002	SO	FD	0	4	N						X
KSB30-00-04~202164-012~FDOFD03342A102302	SB30	10/23/2002	SO	FD	0	4	N			X			
KSB30-00-04~202164-012~FDOFD03342A102302	SB30	10/23/2002	SO	FD	0	4	T				X	X	
SB30-00-04~202164-011~FDOFD03343~102302	SB30	10/23/2002	SO	N	0	4	N			X			X
SB30-00-04~202164-011~FDOFD03343~102302	SB30	10/23/2002	SO	N	0	4	T				X	X	
SB30-00-04~A0SE5-1A70~~102302	SB30	10/23/2002	SO	N	0	4	N	X					
SB30-00-04~P4842-16 ~~102302	SB30	10/23/2002	SO	N	0	4	T		X				
SB30-02-03~AA26226~~100402	SB30	10/4/2002	SO	N	2	3	N	X					
SB31-00-05~A0RG4-16~~102102	SB31	10/21/2002	SO	N	0	5	N	X					
SB31-00-05~A0RG4-16A70~~102102	SB31	10/21/2002	SO	N	0	5	N	X					
SB31-00-05~P4842-11~~102102	SB31	10/21/2002	SO	N	0	5	T		X				
SB31-10-15~202164-007~~102102	SB31	10/21/2002	SO	N	10	15	N			X			X
SB31-10-15~202164-007~~102102	SB31	10/21/2002	SO	N	10	15	T				X	X	
SB31-10-15~A0RG4-9~~102102	SB31	10/21/2002	SO	N	10	15	N	X					
SB31-10-15~A0RG4-9A70~~102102	SB31	10/21/2002	SO	N	10	15	N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SB31-10-15~P4842-04~~102102	SB31	10/21/2002	SO	N	10	15	T		X				
SB31-12-13~AA26206~~101402	SB31	10/14/2002	SO	N	12	13	N	X					
SB31-15-20~A0RG4-17~~102102	SB31	10/21/2002	SO	N	15	20	N	X					
SB31-15-20~A0RG4-17A70~~102102	SB31	10/21/2002	SO	N	15	20	N	X					
SB31-15-20~P4842-12~~102102	SB31	10/21/2002	SO	N	15	20	T		X				
SB31-18-19~AA26208~~101002	SB31	10/10/2002	SO	N	18	19	N	X					
SB32-05-10~2102205~~101502	SB32	10/15/2002	SO	N	5	10	N	X					
SB32-05-10~47305~~101502	SB32	10/15/2002	SO	N	5	10	T		X				
SB32-05-10~H73GK210~~101502	SB32	10/15/2002	SO	N	5	10	N	X					
SB32-8-9~AA26034~~101002	SB32	10/10/2002	SO	N	8	9	N	X					
SB32-10-15~2102206~~101502	SB32	10/15/2002	SO	N	10	15	N	X					
SB32-10-15~47306-2~~101502	SB32	10/15/2002	SO	N	10	15	T		X				
SB32-10-15~H73GK188~~101502	SB32	10/15/2002	SO	N	10	15	N	X					
SB32-14-15~AA26035~~101002	SB32	10/10/2002	SO	N	14	15	N	X					
KSB32-15-20~2102231~FDOFA0SB8~101502	SB32	10/15/2002	SO	FD	15	20	N	X					
KSB32-15-20~47326~FDOFMA0SZ4~101502	SB32	10/15/2002	SO	FD	15	20	T		X				
KSB32-15-20~H73GK206~FDOFA0SB8~101502	SB32	10/15/2002	SO	FD	15	20	N	X					
SB32-15-20~2102230~FDOFA0SB9~101502	SB32	10/15/2002	SO	N	15	20	N	X					
SB32-15-20~47325~FDOFMA0SZ5~101502	SB32	10/15/2002	SO	N	15	20	T		X				
SB32-15-20~H73GK205~FDOFA0SB9~101502	SB32	10/15/2002	SO	N	15	20	N	X					
SB33-00-05~2102207~~101502	SB33	10/15/2002	SO	N	0	5	N	X					
SB33-00-05~47307~~101502	SB33	10/15/2002	SO	N	0	5	T		X				
SB33-00-05~H73GK211~~101502	SB33	10/15/2002	SO	N	0	5	N	X					
SB33-8-9~AA26033~~101002	SB33	10/10/2002	SO	N	8	9	N	X					
SB33-10-15~2102208~~101502	SB33	10/15/2002	SO	N	10	15	N	X					
SB33-10-15~47308~~101502	SB33	10/15/2002	SO	N	10	15	T		X				
SB33-10-15~H73GK191~~101502	SB33	10/15/2002	SO	N	10	15	N	X					
SB33-16-17~AA26032~~101002	SB33	10/10/2002	SO	N	16	17	N	X					
SB34-00-05~A0RG4-18~~102202	SB34	10/22/2002	SO	N	0	5	N	X					
SB34-00-05~A0RG4-18A70~~102202	SB34	10/22/2002	SO	N	0	5	N	X					
SB34-00-05~P4842-13~~102202	SB34	10/22/2002	SO	N	0	5	T		X				
SB34-05-08~A0RG4-19~~102202	SB34	10/22/2002	SO	N	5	8	N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SB34-05-08~A0RG4-19A70~~102202	SB34	10/22/2002	SO	N	5	8	N	X					
SB34-05-08~P4842-14~~102202	SB34	10/22/2002	SO	N	5	8	T		X				
A0SE5-7~~~102202	SB35	10/22/2002	SO	N	0	5	N	X					
SB35-00-05~A0SE5-7A70~~102202	SB35	10/22/2002	SO	N	0	5	N	X					
SB35-00-05~P4845-05~~102202	SB35	10/22/2002	SO	N	0	5	T		X				
A0SE5-6~~~102202	SB35	10/22/2002	SO	N	5	10	N	X					
SB35-05-10~A0SE5-6A70~~102202	SB35	10/22/2002	SO	N	5	10	N	X					
SB35-05-10~P4845-04~~102302	SB35	10/23/2002	SO	N	5	10	T		X				
SB35-07-08~AA26212~~101002	SB35	10/10/2002	SO	N	7	8	N	X					
SB35-14-15~AA26216~~102102	SB35	10/21/2002	SO	N	14	15	N	X					
SB36-00-05~2102203~~101502	SB36	10/15/2002	SO	N	0	5	N	X					
SB36-00-05~47303~~101502	SB36	10/15/2002	SO	N	0	5	T		X				
SB36-00-05~H73GK196~~101502	SB36	10/15/2002	SO	N	0	5	N	X					
SB36-05-10~2102204~~101502	SB36	10/15/2002	SO	N	5	10	N	X					
SB36-05-10~47304~~101502	SB36	10/15/2002	SO	N	5	10	T		X				
SB36-05-10~H73GK192~~101502	SB36	10/15/2002	SO	N	5	10	N	X					
SB36-10-11~AA26027~~102102	SB36	10/21/2002	SO	N	10	11	N	X					
SB36-16-17~AA26026~~102102	SB36	10/21/2002	SO	N	16	17	N	X					
SS-01~47162~~100802	SS01	10/8/2002	SO	N	0	0.25	T		X				
SS-01~50959.01~~100802	SS01	10/8/2002	SO	N	0	0.25	N	X					
SS-01~AA25774~~100802	SS01	10/8/2002	SO	N	0	0.25	N	X					
SS-01~S2101507.D~~100802	SS01	10/8/2002	SO	N	0	0.25	N	X					
SS-02~47163~~100802	SS02	10/8/2002	SO	N	0	0.25	T		X				
SS-02~50959.02~~100802	SS02	10/8/2002	SO	N	0	0.25	N	X					
SS-02~50959.02DL~~100802	SS02	10/8/2002	SO	N	0	0.25	N	X					
SS-02~AA25773~~100802	SS02	10/8/2002	SO	N	0	0.25	N	X					
SS-02~S2101413.D~~100802	SS02	10/8/2002	SO	N	0	0.25	N	X					
SS-03~47164~~100802	SS03	10/8/2002	SO	N	0	0.25	T		X				
SS-03~50959.03~~100802	SS03	10/8/2002	SO	N	0	0.25	N	X					
SS-03~AA25778~~100802	SS03	10/8/2002	SO	N	0	0.25	N	X					
SS-03~S2101409.D~~100802	SS03	10/8/2002	SO	N	0	0.25	N	X					
KSS-04~021014-11~FDOFA0RF7~100402	SS04	10/4/2002	SO	FD	0	0.25	N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
KSS-04~47103~FDOFMA0SN8~100402	SS04	10/4/2002	SO	FD	0	0.25	T		X				
KSS-04~AD735~FDOFA0RF7~100402	SS04	10/4/2002	SO	FD	0	0.25	N	X					
SS-04~021014-10~FDOFA0RK2~100402	SS04	10/4/2002	SO	N	0	0.25	N	X					
SS-04~47102~FDOFMA0SS2~100402	SS04	10/4/2002	SO	N	0	0.25	T		X				
SS-04~AA25699~~100402	SS04	10/4/2002	SO	N	0	0.25	N	X					
SS-04~AD734~FDOFA0RK2~100402	SS04	10/4/2002	SO	N	0	0.25	N	X					
SS-05~47165~~100802	SS05	10/8/2002	SO	N	0	0.25	T		X				
SS-05~50959.04~~100802	SS05	10/8/2002	SO	N	0	0.25	N	X					
SS-05~AA25775~~100802	SS05	10/8/2002	SO	N	0	0.25	N	X					
SS-05~S2101408.D~~100802	SS05	10/8/2002	SO	N	0	0.25	N	X					
SS-06~A0RG2-14~~103102	SS06	10/31/2002	SO	N	0	0.25	N	X					
SS-06~A0RG2-14B70~~103102	SS06	10/31/2002	SO	N	0	0.25	N	X					
SS-06~AA26585~~103102	SS06	10/31/2002	SO	N	0	0.25	N	X					
SS-06~51155.2~~	SS06	11/1/2002	SO	N	0	0.25	T		X				
SS-07~021014-12~~100402	SS07	10/4/2002	SO	N	0	0.25	N	X					
SS-07~47101~~100402	SS07	10/4/2002	SO	N	0	0.25	T		X				
SS-07~AA23701~~100402	SS07	10/4/2002	SO	N	0	0.25	N	X					
SS-07~AD736~~100402	SS07	10/4/2002	SO	N	0	0.25	N	X					
SS-08~47166~~100802	SS08	10/8/2002	SO	N	0	0.25	T		X				
SS-08~50959.05~~100802	SS08	10/8/2002	SO	N	0	0.25	N	X					
SS-08~AA25779~~100802	SS08	10/8/2002	SO	N	0	0.25	N	X					
SS-08~S2101508.D~~100802	SS08	10/8/2002	SO	N	0	0.25	N	X					
SS-09~51155~~103102	SS09	10/31/2002	SO	N	0	0.25	T		X				
SS-09~A0RG2-1~~103102	SS09	10/31/2002	SO	N	0	0.25	N	X					
SS-09~A0RG2-1A70~~103102	SS09	10/31/2002	SO	N	0	0.25	N	X					
SS-09~AA26569~~103102	SS09	10/31/2002	SO	N	0	0.25	N	X					
SS-010~51155~~103102	SS10	10/31/2002	SO	N	0	0.25	T		X				
SS-010~A0RG2-15B70~~103102	SS10	10/31/2002	SO	N	0	0.25	N	X					
SS-010~A0RG2-2~~103102	SS10	10/31/2002	SO	N	0	0.25	N	X					
SS-010~AA26566~~103102	SS10	10/31/2002	SO	N	0	0.25	N	X					
KSS-011~202164-014~FDOFD03344~102402	SS11	10/24/2002	SO	FD	0	0.25	N						X
SS-011~202164-013~FDOFD03345~102402	SS11	10/24/2002	SO	N	0	0.25	N						X

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SS-011~A0RG4-1~~102402	SS11	10/24/2002	SO	N	0	0.25	N	X					
SS-011~A0RG4-1A70~~102402	SS11	10/24/2002	SO	N	0	0.25	N	X					
SS-011~AA26220~~102402	SS11	10/24/2002	SO	N	0	0.25	N	X					
SS-011~P4845-01~~102402	SS11	10/24/2002	SO	N	0	0.25	T		X				
SS-012~A0RG2-3~~103102	SS12	10/31/2002	SO	N	0	0.25	N	X					
SS-012~A0RG2-3A70~~103102	SS12	10/31/2002	SO	N	0	0.25	N	X					
SS-012~AA26570~~103102	SS12	10/31/2002	SO	N	0	0.25	N	X					
SS-013~A0RG4-2~~102402	SS13	10/24/2002	SO	N	0	0.25	N	X					
SS-013~A0RG4-2A70~~102402	SS13	10/24/2002	SO	N	0	0.25	N	X					
SS-013~AA26228~~102402	SS13	10/24/2002	SO	N	0	0.25	N	X					
SS-013~P4845-09~~102402	SS13	10/24/2002	SO	N	0	0.25	T		X				
SS-014~47167~~100802	SS14	10/8/2002	SO	N	0	0.25	T		X				
SS-014~50959.06~~100802	SS14	10/8/2002	SO	N	0	0.25	N	X					
SS-014~50959.06DL~~100802	SS14	10/8/2002	SO	N	0	0.25	N	X					
SS-014~AA25776~~100802	SS14	10/8/2002	SO	N	0	0.25	N	X					
SS-014~S2101414.D~~100802	SS14	10/8/2002	SO	N	0	0.25	N	X					
SS14-00-05~47181~~100902	SS14	10/9/2002	SO	N	0	0.25	T		X				
SS-015~51155~~103102	SS15	10/31/2002	SO	N	0	0.25	T		X				
SS-015~A0RG2-4~~103102	SS15	10/31/2002	SO	N	0	0.25	N	X					
SS-015~A0RG2-4DA70~~103102	SS15	10/31/2002	SO	N	0	0.25	N	X					
SS-015~AA26580~~103102	SS15	10/31/2002	SO	N	0	0.25	N	X					
SS-015DL~A0RG2-4~~103102	SS15	10/31/2002	SO	N	0	0.25	N	X					
SS-016~51155~~110102	SS16	11/1/2002	SO	N	0	0.25	T		X				
SS-016~51168~~	SS16	11/1/2002	SO	N	0	0.25	T		X				
SS-016~A0KK9-2~~110102	SS16	11/1/2002	SO	N	0	0.25	N	X					
SS-016~A0KK9-2A66~~110102	SS16	11/1/2002	SO	N	0	0.25	N	X					
SS-016~AA26625~~110102	SS16	11/1/2002	SO	N	0	0.25	N	X					
SS-017~51155.1~~103102	SS17	10/31/2002	SO	N	0	0.25	T		X				
SS-017~A0RG2-5~~103102	SS17	10/31/2002	SO	N	0	0.25	N	X					
SS-017~A0RG2-5A70~~103102	SS17	10/31/2002	SO	N	0	0.25	N	X					
SS-017~AA26571~~103102	SS17	10/31/2002	SO	N	0	0.25	N	X					
SS-018~51155.1~~103102	SS18	10/31/2002	SO	N	0	0.25	T		X				

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SS-018~A0RG2-6~~103102	SS18	10/31/2002	SO	N	0	0.25	N	X					
SS-018~A0RG2-6A70~~103102	SS18	10/31/2002	SO	N	0	0.25	N	X					
SS-018~AA26583~~103102	SS18	10/31/2002	SO	N	0	0.25	N	X					
SS-019~51155.1~~103102	SS19	10/31/2002	SO	N	0	0.25	T		X				
SS-019~A0RG2-7~~103102	SS19	10/31/2002	SO	N	0	0.25	N	X					
SS-019~A0RG2-7DA70~~103102	SS19	10/31/2002	SO	N	0	0.25	N	X					
SS-019~AA26584~~103102	SS19	10/31/2002	SO	N	0	0.25	N	X					
KSS-020~A0RG4-3~FDOFA0RH3~102402	SS20	10/24/2002	SO	FD	0	0.25	N	X					
KSS-020~A0RG4-3A70~FDOFA0RH3~102402	SS20	10/24/2002	SO	FD	0	0.25	N	X					
KSS020~P4845-13~FDOFMA0SQ4~102402	SS20	10/24/2002	SO	FD	0	0.25	T		X				
SS-020~A0RG4-4~FDOFA0RG9~102402	SS20	10/24/2002	SO	N	0	0.25	N	X					
SS-020~A0RG4-4A70~FDOFA0RG9~102402	SS20	10/24/2002	SO	N	0	0.25	N	X					
SS-020~AA26230~~102402	SS20	10/24/2002	SO	N	0	0.25	N	X					
SS-020~P4845-12~FDOFMA0SQ0~102402	SS20	10/24/2002	SO	N	0	0.25	T		X				
KSS-021~51155.2~FDOFMA0SQ4~103102	SS21	10/31/2002	SO	FD	0	0.25	T		X				
KSS-021~A0RG2-15~FDOFA0RH3~103102	SS21	10/31/2002	SO	FD	0	0.25	N	X					
KSS-021~A0RG2-2A70~FDOFA0RH3~103102	SS21	10/31/2002	SO	FD	0	0.25	N	X					
SS-021~51155.1~FDOFMA0T37~103102	SS21	10/31/2002	SO	N	0	0.25	T		X				
SS-021~A0RG2-8~FDOFA0SG3~103102	SS21	10/31/2002	SO	N	0	0.25	N	X					
SS-021~A0RG2-8B70~FDOFA0RG3~103102	SS21	10/31/2002	SO	N	0	0.25	N	X					
SS-021~AA26567~~103102	SS21	10/31/2002	SO	N	0	0.25	N	X					
SS-022~51169.01~~110102	SS22	11/1/2002	SO	N	0	0.25	T		X				
SS-022~51169~~110102	SS22	11/1/2002	SO	N	0	0.25	T		X				
SS-022~A0KK9-3~~110102	SS22	11/1/2002	SO	N	0	0.25	N	X					
SS-022~A0KK9-3A66~~110102	SS22	11/1/2002	SO	N	0	0.25	N	X					
SS-022~A0KK9-3DA66~~110102	SS22	11/1/2002	SO	N	0	0.25	N	X					
SS-022~AA26629~~110102	SS22	11/1/2002	SO	N	0	0.25	N	X					
SS-023~51155.1~~103102	SS23	10/31/2002	SO	N	0	0.25	T		X				
SS-023~A0RG2-9~~103102	SS23	10/31/2002	SO	N	0	0.25	N	X					
SS-023~A0RG2-9B70~~103102	SS23	10/31/2002	SO	N	0	0.25	N	X					
SS-023~AA26581~~103102	SS23	10/31/2002	SO	N	0	0.25	N	X					
SS-024~51155.1~~103102	SS24	10/31/2002	SO	N	0	0.25	T		X				

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SS-024~A0RG2-10~~103102	SS24	10/31/2002	SO	N	0	0.25	N	X					
SS-024~A0RG2-10B70~~103102	SS24	10/31/2002	SO	N	0	0.25	N	X					
SS-024~AA26582~~103102	SS24	10/31/2002	SO	N	0	0.25	N	X					
SS-025~47168~~100802	SS25	10/8/2002	SO	N	0	0.25	T		X				
SS-025~50959.07~~100802	SS25	10/8/2002	SO	N	0	0.25	N	X					
SS-025~50959.07DL~~100802	SS25	10/8/2002	SO	N	0	0.25	N	X					
SS-025~AA25777~~100802	SS25	10/8/2002	SO	N	0	0.25	N	X					
SS-025~S2101509.D~~100802	SS25	10/8/2002	SO	N	0	0.25	N	X					
SS-026~A0RG4-5~~102402	SS26	10/24/2002	SO	N	0	0.25	N	X					
SS-026~A0RG4-5A70~~102402	SS26	10/24/2002	SO	N	0	0.25	N	X					
SS-026~AA26229~~102402	SS26	10/24/2002	SO	N	0	0.25	N	X					
SS-026~P4845-08~~102402	SS26	10/24/2002	SO	N	0	0.25	T		X				
SS-027~202164-015~~102402	SS27	10/24/2002	SO	N	0	0.25	N						X
SS-027~A0RG4-6~~102402	SS27	10/24/2002	SO	N	0	0.25	N	X					
SS-027~A0RG4-6A70~~102402	SS27	10/24/2002	SO	N	0	0.25	N	X					
SS-027~AA26223~~102402	SS27	10/24/2002	SO	N	0	0.25	N	X					
SS-027~P4845-02~~102402	SS27	10/24/2002	SO	N	0	0.25	T		X				
SS-028~51169~~110102	SS28	11/1/2002	SO	N	0	0.25	T		X				
SS-028~A0KK9-4~~110102	SS28	11/1/2002	SO	N	0	0.25	N	X					
SS-028~A0KK9-4A66~~110102	SS28	11/1/2002	SO	N	0	0.25	N	X					
SS-028~AA26633~~110102	SS28	11/1/2002	SO	N	0	0.25	N	X					
SS-029~51168~~110102	SS29	11/1/2002	SO	N	0	0.25	T		X				
SS-029~A0KK9-5~~110102	SS29	11/1/2002	SO	N	0	0.25	N	X					
SS-029~A0KK9-5A66~~110102	SS29	11/1/2002	SO	N	0	0.25	N	X					
SS-029~AA26632~~110102	SS29	11/1/2002	SO	N	0	0.25	N	X					
KSS-030~51169.1~FDOFMA0T44~110102	SS30	11/1/2002	SO	FD	0	0.25	T		X				
KSS-030~A0KK9-14~FDOFA0RJ3~110102	SS30	11/1/2002	SO	FD	0	0.25	N	X					
KSS-030~A0KK9-14A66~FDOFA0RJ3~110102	SS30	11/1/2002	SO	FD	0	0.25	N	X					
SS-030~51168~~110102	SS30	11/1/2002	SO	N	0	0.25	T		X				
SS-030~A0KK9-6~FDOFAQN14~110102	SS30	11/1/2002	SO	N	0	0.25	N	X					
SS-030~A0KK9-6A66~FDOFAQN14~110102	SS30	11/1/2002	SO	N	0	0.25	N	X					
SS-030~AA26631~~110102	SS30	11/1/2002	SO	N	0	0.25	N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Soil Samples (cont.)													
SS-031~51168~~110102	SS31	11/1/2002	SO	N	0	0.25	T		X				
SS-031~A0KK9-7~~110102	SS31	11/1/2002	SO	N	0	0.25	N	X					
SS-031~A0KK9-7A66~~110102	SS31	11/1/2002	SO	N	0	0.25	N	X					
SS-031~AA26627~~110102	SS31	11/1/2002	SO	N	0	0.25	N	X					
SS-032~51169.1~FDOFMA0T43~110102	SS32	11/1/2002	SO	N	0	0.25	T		X				
SS-032~A0KK9-1~~110102	SS32	11/1/2002	SO	N	0	0.25	N	X					
SS-032~A0KK9-1A66~~110102	SS32	11/1/2002	SO	N	0	0.25	N	X					
SS-032~AA26635~~110102	SS32	11/1/2002	SO	N	0	0.25	N	X					
SS-033~51169.1~~110102	SS33	11/1/2002	SO	N	0	0.25	T		X				
SS-033~A0KK9-8~~110102	SS33	11/1/2002	SO	N	0	0.25	N	X					
SS-033~A0KK9-8A66~~110102	SS33	11/1/2002	SO	N	0	0.25	N	X					
SS-033~AA26634~~110102	SS33	11/1/2002	SO	N	0	0.25	N	X					
SS-034~51155.1~~103102	SS34	10/31/2002	SO	N	0	0.25	T		X				
SS-034~A0RG2-11~~103102	SS34	10/31/2002	SO	N	0	0.25	N	X					
SS-034~A0RG2-11B70~~103102	SS34	10/31/2002	SO	N	0	0.25	N	X					
SS-034~AA26572~~103102	SS34	10/31/2002	SO	N	0	0.25	N	X					
SS-035~51169.1~~110102	SS35	11/1/2002	SO	N	0	0.25	T		X				
SS-035~A0KK9-13~~110102	SS35	11/1/2002	SO	N	0	0.25	N	X					
SS-035~A0KK9-13A66~~110102	SS35	11/1/2002	SO	N	0	0.25	N	X					
SS-035~AA26626~~110102	SS35	11/1/2002	SO	N	0	0.25	N	X					
SS-036~51168.1~~110102	SS36	11/1/2002	SO	N	0	0.25	T		X				
SS-036~A0KK9-12~~110102	SS36	11/1/2002	SO	N	0	0.25	N	X					
SS-036~A0KK9-12A66~~110102	SS36	11/1/2002	SO	N	0	0.25	N	X					
SS-036~A0KK9-12DA66~~110102	SS36	11/1/2002	SO	N	0	0.25	N	X					
SS-036~AA26628~~110102	SS36	11/1/2002	SO	N	0	0.25	N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Surface Water Samples													
~SW-1~~103002	SW1	10/30/2002	SW	N			N	X					
~SW-1~~103002	SW1	10/30/2002	SW	N			T		X				
~SW-1F~~103002	SW1F	10/30/2002	SW	N			D		X				
~SW-2 (FIELD DUP)~~103002	SW2	10/30/2002	SW	FD			N	X					
~SW-2 (FIELD DUP)~~103002	SW2	10/30/2002	SW	FD			T		X				
~SW-2~~103002	SW2	10/30/2002	SW	N			N	X					
~SW-2~~103002	SW2	10/30/2002	SW	N			T		X				
~SW-2F (FIELD DUP)~~103002	SW2F	10/30/2002	SW	FD			D		X				
~SW-2F~~103002	SW2F	10/30/2002	SW	N			D		X				
Phase I Remedial Investigation Sediment Samples													
~SED-01~~103002	SED01	10/30/2002	SD	N			N	X		X			X
~SED-01~~103002	SED01	10/30/2002	SD	N			T		X				
SED-01~AA26579~~103002	SED01	10/30/2002	SD	N			N	X					
~SED-02~~103002	SED02	10/30/2002	SD	N			N	X		X			X
~SED-02~~103002	SED02	10/30/2002	SD	N			T		X				
SED-02~AA26577~~103002	SED02	10/30/2002	SD	N			N	X					
~SED-03~~103002	SED03	10/30/2002	SD	N			N	X		X			X
~SED-03~~103002	SED03	10/30/2002	SD	N			T		X				
SED-03~AA26578~~103002	SED03	10/30/2002	SD	N			N	X					
~SED-08~~103002	SED08	10/30/2002	SD	N			N	X		X			X
~SED-08~~103002	SED08	10/30/2002	SD	N			T		X				
SED-08~AA26575~~103002	SED08	10/30/2002	SD	N			N	X					
~SED-09~~103002	SED09	10/30/2002	SD	N			N	X		X			X
~SED-09~~103002	SED09	10/30/2002	SD	N			T		X				
SED-09~AA26574~~103002	SED09	10/30/2002	SD	N			N	X					
~SED-010~~103002	SED10	10/30/2002	SD	N			N	X		X			X
~SED-010~~103002	SED10	10/30/2002	SD	N			T		X				
SED-10~AA26576~~103002	SED10	10/30/2002	SD	N			N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	Fraction	SOM01.2	ILM05.4 AES	SW8082	6010C-SPLP	7470A-SPLP	LLOYD-KAHN TOC
Phase I Remedial Investigation Sediment Samples													
~SED-04~~110402	SED04	11/4/2002	SD	N			N	X		X			X
~SED-04~~110402	SED04	11/4/2002	SD	N			T		X				
~SED-05~~110402	SED05	11/4/2002	SD	N			N	X		X			X
~SED-05~~110402	SED05	11/4/2002	SD	N			T		X				
~SED-06~~110402	SED06	11/4/2002	SD	N			N	X		X			X
~SED-06~~110402	SED06	11/4/2002	SD	N			T		X				
~SED-07 (FIELD DUP)~~110402	SED07	11/4/2002	SD	FD			N	X		X			X
~SED-07 (FIELD DUP)~~110402	SED07	11/4/2002	SD	FD			T		X				
~SED-07~~110402	SED07	11/4/2002	SD	N			N	X		X			X
~SED-07~~110402	SED07	11/4/2002	SD	N			T		X				
KSED-07~AA26638~~110402	SED07	11/4/2002	SD	FD			N	X					
SED-04~AA26637~~110402	SED04	11/4/2002	SD	N			N	X					
SED-05~AA26636~~110402	SED05	11/4/2002	SD	N			N	X					
SED-06~AA26639~~110402	SED06	11/4/2002	SD	N			N	X					
SED-07~AA26638~~110402	SED07	11/4/2002	SD	N			N	X					

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	fraction	SOM01.2	ILM05.4 AES	SW8290
Phase IIA Remedial Investigation Soil Samples										
S-071604-DK-207	MW1	7/16/2004	SO	N	6	10	N	X	X	
S-071604-DK-206	MW1	7/15/2004	SO	N	8	8	N	X		
S-052704-JR-175	MW3D	5/27/2004	SO	N	0	2	N	X	X	
S-052704-JR-176	MW3D	5/27/2004	SO	N	4	8	N	X	X	
S-052704-JR-177	MW3D	5/27/2004	SO	N	12	16	N	X	X	
S-052704-JR-178	MW3D	5/27/2004	SO	N	16	20	N	X	X	
S-052604-JR-172	MW3D	5/26/2004	SO	N	3	3	N	X		
S-052604-JR-173	MW3D	5/26/2004	SO	N	8	8	N	X		
S-052604-JR-174	MW3D	5/26/2004	SO	N	14	14	N	X		
S-052004-JR-146	MW4D	5/20/2004	SO	N	0	2	N	X	X	
S-052004-JR-147	MW4D	5/20/2004	SO	N	3.5	8.5	N	X	X	
S-052004-JR-148	MW4D	5/20/2004	SO	N	10.5	15	N	X	X	
S-052004-JR-149	MW4D	5/20/2004	SO	N	22.5	26	N	X	X	
S-052404-JR-166	MW5	5/24/2004	SO	N	0.5	1.5	N	X	X	
S-052404-JR-165	MW5	5/24/2004	SO	N	1.167	1.167	N	X		
S-052504-JR-170	MW6D	5/25/2004	SO	N	7	10	N	X	X	
S-052504-JR-171	MW6D	5/25/2004	SO	N	11	14	N	X	X	
S-052504-JR-167	MW6D	5/25/2004	SO	N	8	8	N	X		
S-052504-JR-168	MW6D	5/25/2004	SO	N	12.5	12.5	N	X		
S-052504-JR-169	MW6D	5/25/2004	SO	FD	12.5	12.5	N	X		
S-051204-JR-003	SB36	5/12/2004	SO	N	2	2	N	X		
S-051204-JR-004	SB36	5/12/2004	SO	N	7	7	N	X		
S-051204-JR-011	SB37	5/12/2004	SO	N	0.5	4	N	X	X	
S-051204-JR-013	SB37	5/12/2004	SO	N	5	10	N	X	X	
S-051204-JR-015	SB37	5/12/2004	SO	N	10	15	N	X	X	
S-051204-JR-005	SB37	5/12/2004	SO	N	3	3	N	X		
S-051204-JR-007	SB37	5/12/2004	SO	N	7	7	N	X		
S-051204-JR-009	SB37	5/12/2004	SO	N	12	12	N	X		
S-051204-JR-025	SB38	5/12/2004	SO	N	0.5	4	N	X	X	
S-051204-JR-027	SB38	5/12/2004	SO	N	6	10	N	X	X	
S-051204-JR-029	SB38	5/12/2004	SO	N	10	15	N	X	X	
S-051204-JR-031	SB38	5/12/2004	SO	N	15	16	N	X	X	
S-051204-JR-017	SB38	5/12/2004	SO	N	3	3	N	X		
S-051204-JR-019	SB38	5/12/2004	SO	N	8	8	N	X		
S-051204-JR-021	SB38	5/12/2004	SO	N	13	13	N	X		
S-051204-JR-023	SB38	5/12/2004	SO	N	17	17	N	X		

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	fraction	SOM01.2	ILM05.4 AES	SW8290
Phase IIA Remedial Investigation Soil Samples (cont.)										
S-18291-051204-JR-031	SB38	5/12/2004	SO	N	15	18	N			X
S-071504-DK-200	SB39	7/15/2004	SO	N	0	2	N	X	X	
S-071504-DK-201	SB39	7/15/2004	SO	N	5	10	N	X	X	
S-071504-DK-202	SB39	7/15/2004	SO	N	10	15	N	X	X	
S-071504-DK-203	SB39	7/15/2004	SO	N	1	1	N	X		
S-071504-DK-204	SB39	7/15/2004	SO	N	7	7	N	X		
S-071504-DK-205	SB39	7/15/2004	SO	N	12.5	12.5	N	X		
S-18281-051304-JR-033	SB40	5/13/2004	SO	N	0	2	N	X	X	
S-18281-051304-JR-035	SB40	5/13/2004	SO	N	10	15	N	X	X	
S-18281-051304-JR-041	SB40	5/13/2004	SO	N	1.5	1.5	N	X		
S-18281-051304-JR-043	SB40	5/13/2004	SO	N	12.5	12.5	N	X		
S-051304-JR-033DL1	SB40	5/13/2004	SO	N	0	2	T		X	
S-18281-051304-JR-037	SB41	5/13/2004	SO	N	0	2	N	X	X	
S-18281-051304-JR-039	SB41	5/13/2004	SO	N	5	8	N	X	X	
S-18281-051304-JR-051	SB41	5/13/2004	SO	N	11	15	N	X	X	
S-18281-051304-JR-045	SB41	5/13/2004	SO	N	1	1	N	X		
S-18281-051304-JR-047	SB41	5/13/2004	SO	N	7	7	N	X		
S-18281-051304-JR-049	SB41	5/13/2004	SO	N	15	15	N	X		
S-051804-DK-113	SB42	5/18/2004	SO	N	0.5	4	N	X	X	
S-051804-DK-114	SB42	5/18/2004	SO	N	6	8	N	X	X	
S-051804-DK-111	SB42	5/18/2004	SO	N	2	2	N	X		
S-051804-DK-112	SB42	5/18/2004	SO	N	6	7	N	X		
S-051804-DK-109	SB43	5/18/2004	SO	N	0.5	2	N	X	X	
S-051804-DK-110	SB43	5/18/2004	SO	N	6	10	N	X	X	
S-051804-DK-107	SB43	5/18/2004	SO	N	1.25	1.25	N	X		
S-051804-DK-108	SB43	5/18/2004	SO	N	9	9	N	X		
S-052004-JR-136	SB44/MW4D	5/20/2004	SO	N	1.5	1.5	N	X		
S-052004-JR-139	SB44/MW4D	5/20/2004	SO	N	6	6	N	X		
S-052004-JR-140	SB44/MW4D	5/20/2004	SO	N	16	16	N	X		
S-052004-JR-141	SB44/MW4D	5/20/2004	SO	N	25	25	N	X		
S-051404-JR-012	SB45	5/14/2004	SO	N	4	5.5	N	X	X	
S-051404-JR-014	SB45	5/14/2004	SO	N	0	4	N	X	X	
S-051404-JR-016	SB45	5/14/2004	SO	N	11	15	N	X	X	
S-051404-JR-022	SB45	5/14/2004	SO	N	4.5	4.5	N	X		
S-051404-JR-024	SB45	5/14/2004	SO	N	2.5	2.5	N	X		
S-051404-JR-026	SB45	5/14/2004	SO	N	12	12	N	X		

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	fraction	SOM01.2	ILM05.4 AES	SW8290
Phase IIA Remedial Investigation Soil Samples (cont.)										
S-052104-JR-155	SB46	5/21/2004	SO	N	0	2	N	X	X	
S-052104-JR-156	SB46	5/21/2004	SO	N	5.5	7.5	N	X	X	
S-052104-JR-157	SB46	5/21/2004	SO	N	11.5	15	N	X	X	
S-052104-JR-158	SB46	5/21/2004	SO	FD	11.5	15	N	X	X	
S-052104-JR-152	SB46	5/21/2004	SO	N	1.5	1.5	N	X		
S-052104-JR-153	SB46	5/21/2004	SO	N	5.5	5.5	N	X		
S-052104-JR-154	SB46	5/21/2004	SO	N	14	14	N	X		
S-052104-JR-159	SB46	5/21/2004	SO	FD	14	14	N	X		
S-051904-JR-127	SB47	5/19/2004	SO	N	0	1.6	N	X	X	
S-051904-JR-128	SB47	5/19/2004	SO	N	3	6	N	X	X	
S-051904-JR-129	SB47	5/19/2004	SO	N	10	14	N	X	X	
S-051904-JR-132	SB47	5/19/2004	SO	N	16	18	N	X	X	
S-051904-JR-133	SB47	5/19/2004	SO	N	20	24	N	X	X	
S-051904-JR-124	SB47	5/19/2004	SO	N	1	1	N	X		
S-051904-JR-125	SB47	5/19/2004	SO	N	4.5	4.5	N	X		
S-051904-JR-126	SB47	5/19/2004	SO	N	11.5	11.5	N	X		
S-051904-JR-130	SB47	5/19/2004	SO	N	17.5	17.5	N	X		
S-051904-JR-131	SB47	5/19/2004	SO	N	23	23	N	X		
S-051804-JR-098	SB48	5/18/2004	SO	N	0	2	N	X	X	
S-051804-JR-099	SB48	5/18/2004	SO	N	3	4	N	X	X	
S-051804-JR-100	SB48	5/18/2004	SO	N	6	10	N	X	X	
S-051804-JR-095	SB48	5/18/2004	SO	N	1.5	1.5	N	X		
S-051804-JR-096	SB48	5/18/2004	SO	N	3.5	3.5	N	X		
S-051804-JR-097	SB48	5/18/2004	SO	N	8	8	N	X		
S-052404-JR-162	SB50	5/24/2004	SO	N	0	4	N	X	X	
S-052404-JR-163	SB50	5/24/2004	SO	N	5	7.5	N	X	X	
S-052404-JR-160	SB50	5/24/2004	SO	N	2.5	2.5	N	X		
S-052404-JR-161	SB50	5/24/2004	SO	N	7.5	7.5	N	X		
S-051704-JR-094	SB51	5/17/2004	SO	FD	10.5	15	N	X	X	
S-051704-JR-088	SB51	5/17/2004	SO	N	0	3	N	X	X	
S-051704-JR-090	SB51	5/17/2004	SO	N	5.5	10	N	X	X	
S-051704-JR-092	SB51	5/17/2004	SO	N	10.5	15	N	X	X	
S-051704-JR-086	SB51	5/17/2004	SO	FD	12.5	12.5	N	X		
S-051704-JR-080	SB51	5/17/2004	SO	N	1.5	1.5	N	X		
S-051704-JR-082	SB51	5/17/2004	SO	N	7	7	N	X		
S-051704-JR-084	SB51	5/17/2004	SO	N	12.5	12.5	N	X		

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	fraction	SOM01.2	ILM05.4 AES	SW8290
Phase IIA Remedial Investigation Soil Samples (cont.)										
S-051804-JR-122	SB53	5/18/2004	SO	FD	6.5	10	N	X	X	
S-051804-JR-106	SB53	5/18/2004	SO	N	0	2	N	X	X	
S-051804-JR-120	SB53	5/18/2004	SO	N	3.5	6	N	X	X	
S-051804-JR-121	SB53	5/18/2004	SO	N	6.5	10	N	X	X	
S-051804-JR-123	SB53	5/18/2004	SO	N	13	15	N	X	X	
S-051804-JR-104	SB53	5/18/2004	SO	FD	8	8	N	X		
S-051804-JR-101	SB53	5/18/2004	SO	N	1	1	N	X		
S-051804-JR-102	SB53	5/18/2004	SO	N	5	5	N	X		
S-051804-JR-103	SB53	5/18/2004	SO	N	8	8	N	X		
S-051804-JR-105	SB53	5/18/2004	SO	N	14	14	N	X		
S-051704-JR-060	SB54	5/17/2004	SO	N	0	4	N	X	X	
S-051704-JR-062	SB54	5/17/2004	SO	N	10	15	N	X	X	
S-051704-JR-056	SB54	5/17/2004	SO	N	2.5	2.5	N	X		
S-051704-JR-058	SB54	5/17/2004	SO	N	12.5	12.5	N	X		
S-051904-JR-137	SB55	5/19/2004	SO	N	0	2	N	X	X	
S-051904-JR-138	SB55	5/19/2004	SO	N	5	7	N	X	X	
S-051904-JR-134	SB55	5/19/2004	SO	N	1.2	1.2	N	X		
S-051904-JR-135	SB55	5/19/2004	SO	N	5	5	N	X		
S-051204-JR-001	SB56	5/12/2004	SO	N	0.5	4.5	N	X	X	
S-051204-JR-002	SB56	5/12/2004	SO	N	5	10	N	X	X	
S-051304-JR-077	SB84	5/13/2004	SO	FD	5	10	N	X	X	
S-051304-JR-071	SB84	5/13/2004	SO	N	0.5	4	N	X	X	
S-051304-JR-073	SB84	5/13/2004	SO	N	5	10	N	X	X	
S-051304-JR-075	SB84	5/13/2004	SO	FD	7	7	N	X		
S-18281-051304-JR-067	SB84	5/13/2004	SO	N	3.5	3.5	N	X		
S-18281-051304-JR-069	SB84	5/13/2004	SO	N	7	7	N	X		
S-051404-JR-018	SB85	5/14/2004	SO	N	0	4	N	X	X	
S-051404-JR-028	SB85	5/14/2004	SO	N	10	15	N	X	X	
S-051404-JR-030	SB85	5/14/2004	SO	N	1.5	1.5	N	X		
S-051404-JR-032	SB85	5/14/2004	SO	N	13.5	13.5	N	X		
S-051404-JR-042	SB86	5/14/2004	SO	N	0	4	N	X	X	
S-051404-JR-046	SB86	5/14/2004	SO	N	5	10	N	X	X	
S-051404-JR-044	SB86	5/14/2004	SO	FD	0	4	N	X	X	
S-051404-JR-036	SB86	5/14/2004	SO	N	2	2	N	X		
S-051404-JR-040	SB86	5/14/2004	SO	N	7.5	7.5	N	X		
S-051404-JR-038	SB86	5/14/2004	SO	FD	2	2	N	X		

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	fraction	SOM01.2	ILM05.4 AES	SW8290
Phase IIA Remedial Investigation Soil Samples (cont.)										
S-18281-051304-JR-059	SB87	5/13/2004	SO	N	0	2	N	X	X	
S-18281-051304-JR-061	SB87	5/13/2004	SO	N	5	10	N	X	X	
S-18281-051304-JR-063	SB87	5/13/2004	SO	N	10	15	N	X	X	
S-18281-051304-JR-053	SB87	5/13/2004	SO	N	1	1	N	X		
S-18281-051304-JR-055	SB87	5/13/2004	SO	N	7	7	N	X		
S-18281-051304-JR-057	SB87	5/13/2004	SO	N	12.5	12.5	N	X		
S-051704-JR-072	SB88	5/17/2004	SO	N	0	2	N	X	X	
S-051704-JR-074	SB88	5/17/2004	SO	N	5	10	N	X	X	
S-051704-JR-076	SB88	5/17/2004	SO	N	10	15	N	X	X	
S-051704-JR-078	SB88	5/17/2004	SO	FD	10	15	N	X	X	
S-051704-JR-064	SB88	5/17/2004	SO	N	1	1	N	X		
S-051704-JR-066	SB88	5/17/2004	SO	N	7.5	7.5	N	X		
S-051704-JR-068	SB88	5/17/2004	SO	N	13.5	13.5	N	X		
S-051704-JR-070	SB88	5/17/2004	SO	FD	13.5	13.5	N	X		
S-052004-DK-144	SS37	5/20/2004	SO	N	0	0.5	N	X	X	
S-052004-DK-145	SS38	5/20/2004	SO	N	0	0.5	N	X	X	
S-052004-DK-150	SS38	5/20/2004	SO	FD	0	0.5	N	X	X	
SS-051204-DK-006	SS39	5/12/2004	SO	N	0	0.5	N	X	X	
S-051904-DK-115	SS41	5/19/2004	SO	N	0	0.5	N	X	X	
S-051904-DK-116	SS41	5/19/2004	SO	FD	0	0.5	N	X	X	
SS-051404-DK-010	SS42	5/14/2004	SO	N	0	0.5	N	X	X	
S-051404-DK-010	SS42	5/14/2004	SO	N	0	0.5	N	X		
SS-051204-DK-008	SS43	5/12/2004	SO	N	0	0.5	N	X	X	
SS-18291-051204-DK-008	SS43	5/12/2004	SO	N	0	0.5	N			X
S-052404-DK-164	SS44	5/24/2004	SO	N	0	0.5	N	X	X	
SS-051704-DK-050	SS45	5/17/2004	SO	N	0	0.5	N	X	X	
S-051904-DK-117	SS46	5/19/2004	SO	N	0	0.5	N	X	X	
S-052004-DK-141	SS47	5/20/2004	SO	N	0	0.5	N	X	X	
S-052004-DK-143	SS75	5/20/2004	SO	N	0	0.5	N	X	X	
SS-051404-DK-034	SS76	5/14/2004	SO	N	0	0.5	N	X	X	
SS-051404-DK-048	SS77	5/14/2004	SO	N	0	0.5	N	X	X	
S-052004-DK-118	SS78	5/20/2004	SO	N	0	0.5	N	X	X	
S-052004-DK-119	SS78	5/20/2004	SO	FD	0	0.5	N	X	X	
S-052004-DK-142	SS79	5/20/2004	SO	N	0	0.5	N	X	X	
SS-051704-DK-052	SS80	5/17/2004	SO	N	0	0.5	N	X	X	

Table 2-1
Start, RI Phase I, and RI Phase IIA Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Top Depth	Bottom Depth	fraction	SOM01.2	ILM05.4 AES	SW8290
Phase IIA Remedial Investigation Groundwater Samples										
GW-072904-BC-20	MW1	7/29/2004	GW	N			N	X	X	
GW-060904-DK-001	MW3	6/9/2004	GW	N			N	X	X	
GW-18291-060904-DK-001	MW3	6/9/2004	GW	N			T		X	
GW-061004-DK-004	MW3D	6/10/2004	GW	N			N	X	X	
GW-18291-061004-DK-004	MW3D	6/10/2004	GW	N			T		X	
GW-061004-DK-003	MW4	6/10/2004	GW	FD			N	X	X	
GW-061004-DK-002	MW4	6/10/2004	GW	N			N	X	X	
GW-18291-061004-DK-002	MW4	6/10/2004	GW	N			T		X	
GW-18291-061004-DK-003	MW4	6/10/2004	GW	FD			T		X	
GW-060904-BC-005	MW4D	6/9/2004	GW	N			N	X	X	
GW-18291-060904-BC-005	MW4D	6/9/2004	GW	N			T		X	
GW-060904-BC-001	MW5	6/9/2004	GW	N			N	X	X	
GW-18291-060904-BC-001	MW5	6/9/2004	GW	N			T		X	
GW-060904-BC-006	MW6	6/9/2004	GW	N			N	X	X	
GW-18291-060904-BC-006	MW6	6/9/2004	GW	N			T		X	
GW-060904-BC-007	MW6D	6/9/2004	GW	N			N	X	X	
GW-18291-060904-BC-007	MW6D	6/9/2004	GW	N			T		X	
Phase IIA Remedial Investigation Surface Water Samples										
SW-061004-DK-001	SW1	6/10/2004	SW	N			N	X	X	
SW-061004-DK-001	SW1	6/10/2004	SW	N			T			
Phase IIA Remedial Investigation Sediment Samples										
SD-051304-DK-001	SED11	5/13/2004	SD	N			N	X	X	
SD-18291-051304-DK-001	SED11	5/13/2004	SD	N			T		X	
SD-052404-DK-004	SED14	5/24/2004	SD	N			N	X	X	
S-052404-DK-004	SED14	5/24/2004	SD	N			N	X		
S-18291-052404-DK-004	SED14	5/24/2004	SD	N			T		X	
SD-052804-DK-006	SED15	5/28/2004	SD	FD			N	X	X	
SD-052804-DK-005	SED15	5/28/2004	SD	N			N	X	X	
SD-18291-052804-DK-006	SED15	5/28/2004	SD	FD			T		X	
SD-18291-052804-DK-005	SED15	5/28/2004	SD	N			T		X	
SD-052104-DK-003	SED16	5/21/2004	SD	N			N	X	X	
S-18291-052104-DK-003	SED16	5/21/2004	SD	N			T		X	
SD-051304-DK-002	SED17	5/13/2004	SD	N			N	X	X	
SD-18291-051304-DK-002	SED17	5/13/2004	SD	N			T		X	

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80001-CAP02-0507	CAP02	11/11/2008	SO	N	5	7	N								X																		
80018-CAP03-0204	CAP03	11/11/2008	SO	N	2	4	N																X										
80018-CAP03-0507	CAP03	11/11/2008	SO	N	5	7	N								X																		
80018-CAP04-0204	CAP04	11/11/2008	SO	N	2	4	N																X										
80018-CAP04-0507	CAP04	11/11/2008	SO	N	5	7	N																X										
80018-CAP04-1012	CAP04	11/11/2008	SO	N	10	12	N								X																		
80018-CP05-1012	CAP05	11/12/2008	SO	N	10	12	N								X																		
80018-CAP05-1416	CAP05	11/12/2008	SO	N	14	16	N								X																		
80018-CAP06-0507	CAP06	11/12/2008	SO	N	5	7	N								X																		
80018-CAP07-1416	CAP07	11/12/2008	SO	N	14	16	N								X																		
80018-CAP08-0507	CAP08	11/12/2008	SO	N	5	7	N								X																		
80018-CAP08-1012	CAP08	11/12/2008	SO	N	10	12	N								X																		
80018-CAP08-1416	CAP08	11/12/2008	SO	N	14	16	N								X																		
80018-CAP09-1012	CAP09	11/12/2008	SO	N	10	12	N								X																		
80018-CAP10-1416	CAP10	11/12/2008	SO	N	14	16	N								X																		
80018-CAP11-0507	CAP11	11/13/2008	SO	N	5	7	N								X																		
80018-CAP11-1012	CAP11	11/13/2008	SO	N	10	12	N								X																		
80018-CAP11-1820	CAP11	11/13/2008	SO	N	18	20	N								X																		
80018-CAP13-0203	CAP13	11/12/2008	SO	N	2	3	N								X																		
80018-CAP16-0507	CAP16	11/13/2008	SO	N	5	7	N								X																		
80018-CAP16-1012	CAP16	11/13/2008	SO	N	10	12	N								X																		
80018-CAP17-0507	CAP17	11/14/2008	SO	N	5	7	N								X																		
80018-CAP18-0507	CAP18	11/14/2008	SO	N	5	7	N								X																		
80018-CAP18-1012	CAP18	11/14/2008	SO	N	10	12	N								X																		
80018-CAP19-0507	CAP19	11/13/2008	SO	N	5	7	N								X																		
80018-CAP20-0203	CAP20	11/13/2008	SO	N	2	3	N								X																		
80018-CAP23-0507	CAP23	11/13/2008	SO	N	5	7	N								X																		
80018-MW10-0507	MW10	11/3/2008	SO	N	5	7	N																	X									
80018-MW11D-0507	MW11D	11/4/2008	SO	N	5	7	N							X										X									
80018-MW11D-0507D	MW11D	11/4/2008	SO	FD	5	7	N							X																			
80018-MW3B-0507	MW3B	11/20/2008	SO	N	5	7	N																	X									
80018-MW7D-0507	MW7D	11/17/2008	SO	N	5	7	N																	X									
80018-MW8D-0507	MW8D	11/11/2008	SO	N	5	7	N																	X									
80018-MW8D-0507D	MW8D	11/11/2008	SO	FD	5	7	N																	X									
80018-MW9D-0507	MW9D	11/13/2008	SO	N	5	7	N							X										X									
80018-MW9D-0507D	MW9D	11/13/2008	SO	FD	5	7	N							X																			
80018-SB100-0405	SB100	11/11/2008	SO	N	4	5	N								X		X	X	X														
80018-SB100-0405	SB100	11/11/2008	SO	N	4	5	T					X																					
80018-SB101-0405	SB101	11/11/2008	SO	N	4	5	N								X		X	X	X														
80018-SB101-0405	SB101	11/11/2008	SO	N	4	5	T		X		X	X																					
80018-SB102-0506	SB102	11/11/2008	SO	N	5	6	N								X		X	X	X														
80018-SB102-0506	SB102	11/11/2008	SO	N	5	6	T		X		X	X																					
80018-SB103-0203	SB103	11/11/2008	SO	N	2	3	N								X		X	X	X														
80018-SB103-0203	SB103	11/11/2008	SO	N	2	3	T					X																					
80018-SB104-0405	SB104	11/12/2008	SO	N	4	5	N								X		X	X	X														
80018-SB104-0405	SB104	11/12/2008	SO	N	4	5	T		X		X	X																					
80018-SB105-0405	SB105	11/12/2008	SO	N	4	5	N								X		X	X	X														
80018-SB105-0405	SB105	11/12/2008	SO	N	4	5	T		X		X	X																					
80018-DUP111-0405	SB105	11/12/2008	SO	FD	4	5	T		X		X																						
80018-SB106-0507	SB106	10/29/2008	SO	N	5	7	N								X		X	X	X														
80018-SB106-0507	SB106	10/29/2008	SO	N	5	7	T					X																					
80018-SB107-0507	SB107	10/30/2008	SO	N	5	7	N										X	X	X														
80018-SB107-0507	SB107	10/30/2008	SO	N	5	7	T		X		X	X																					
80018-SB108-0507	SB108	10/24/2008	SO	N	5	7	N								X		X	X	X														
80018-SB108-0507	SB108	10/24/2008	SO	N	5	7	T		X		X	X																					
80018-SB109-0709	SB109	10/27/2008	SO	N	7	9	T					X																					
80018-SB110-0507	SB110	10/27/2008	SO	N	5	7	N								X		X	X	X														
80018-SB110-0507	SB110	10/27/2008	SO	N	5	7	T					X																					
80018-SB111-0911	SB111	10/31/2008	SO	N	9	11	N								X		X	X	X														
80018-SB111-0911	SB111	10/31/2008	SO	N	9	11	T		X		X	X																					
80018-SB112-0507	SB112	11/5/2008	SO	N	5	7	N																X										
80018-SB112-1012	SB112	11/3/2008	SO	N	10	12	N								X		X	X	X														
80018-SB112-1012	SB112	11/3/2008	SO	N	10	12	T		X		X	X																					
80018-SB113-0507	SB113	10/28/2008	SO	N	5	7	N								X		X	X	X														

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-SB113-0507	SB113	10/28/2008	SO	N	5	7	T		X		X	X																					
80018-SB114-1820	SB114	10/31/2008	SO	N	18	20	N										X	X	X														
80018-SB114-1820	SB114	10/31/2008	SO	N	18	20	T					X																					
80018-SB115-0507	SB115	10/28/2008	SO	N	5	7	N								X		X	X	X														
80018-SB115-0507	SB115	10/28/2008	SO	N	5	7	T		X		X	X																					
80018-SB116-1012	SB116	10/28/2008	SO	N	10	12	N								X		X	X	X														
80018-SB116-1012	SB116	10/28/2008	SO	N	10	12	T					X																					
80018-SB117-0507	SB117	10/24/2008	SO	N	5	7	N								X		X	X	X														
80018-SB117-0507	SB117	10/24/2008	SO	N	5	7	T					X																					
80018-SB118-0507	SB118	10/30/2008	SO	N	5	7	N										X	X	X														
80018-SB118-0507	SB118	10/30/2008	SO	N	5	7	T					X																					
80018-DUP108-0507	SB118	10/30/2008	SO	FD	5	7	N										X	X	X														
80018-DUP108-0507	SB118	10/30/2008	SO	FD	5	7	T					X																					
80018-SB119-0507	SB119	10/23/2008	SO	N	5	7	N								X		X	X	X														
80018-SB119-0507	SB119	10/23/2008	SO	N	5	7	T		X		X	X																					
80018-SB120-0507	SB120	10/23/2008	SO	N	5	7	N								X			X	X														
80018-SB120-0507	SB120	10/23/2008	SO	N	5	7	T		X		X	X																					
80018-SB121-0913	SB121	10/22/2008	SO	N	9	13	N								X		X	X	X														
80018-SB121-0913	SB121	10/22/2008	SO	N	9	13	T					X																					
80018-SB122-0507	SB122	10/22/2008	SO	N	5	7	N								X			X	X														
80018-SB122-0507	SB122	10/22/2008	SO	N	5	7	T					X																					
80018-SB123-0507	SB123	10/22/2008	SO	N	5	7	N								X		X	X	X														
80018-SB123-0507	SB123	10/22/2008	SO	N	5	7	T					X																					
80018-SB124-0507	SB124	10/23/2008	SO	N	5	7	N								X		X	X	X														
80018-SB124-0507	SB124	10/23/2008	SO	N	5	7	T		X		X	X																					
80018-SB125-0507	SB125	10/23/2008	SO	N	5	7	N								X			X	X														
80018-SB125-0507	SB125	10/23/2008	SO	N	5	7	T					X																					
80018-SB126-1416	SB126	10/24/2008	SO	N	14	16	N								X		X	X	X														
80018-SB126-1416	SB126	10/24/2008	SO	N	14	16	T					X																					
80018-SB127-0509	SB127	10/22/2008	SO	N	5	9	N								X		X	X	X														
80018-SB127-0509	SB127	10/22/2008	SO	N	5	9	T		X		X	X																					
80018-SB128-0507	SB128	10/22/2008	SO	N	5	7	N								X		X	X	X														
80018-SB128-0507	SB128	10/22/2008	SO	N	5	7	T		X		X	X																					
80018-SB129-0507	SB129	11/5/2008	SO	N	5	7	N								X		X	X	X														
80018-SB129-0507	SB129	11/5/2008	SO	N	5	7	T					X																					
80018-SB130-0507	SB130	11/4/2008	SO	N	5	7	N								X		X	X	X														
80018-SB130-0507	SB130	11/4/2008	SO	N	5	7	T					X																					
80018-SB131-0204	SB131	10/24/2008	SO	N	2	4	N								X			X	X														
80018-SB131-0204	SB131	10/24/2008	SO	N	2	4	T		X		X	X																					
80018-SB132-0204	SB132	10/24/2008	SO	N	2	4	N								X			X	X														
80018-SB132-0204	SB132	10/24/2008	SO	N	2	4	T					X																					
80018-SB134-0203	SB134	11/12/2008	SO	N	2	3	N										X	X	X														
80018-SB134-0203	SB134	11/12/2008	SO	N	2	3	T					X																					
80018-SB135-0507	SB135	11/4/2008	SO	N	5	7	N								X		X	X	X														
80018-SB135-0507	SB135	11/4/2008	SO	N	5	7	T					X																					
80018-SB136-0507	SB136	11/3/2008	SO	N	5	7	N								X		X	X	X														
80018-SB136-0507	SB136	11/3/2008	SO	N	5	7	T					X																					
80018-SB137-1012	SB137	11/3/2008	SO	N	10	12	N								X		X	X	X														
80018-SB137-1012	SB137	11/3/2008	SO	N	10	12	T		X		X	X																					
80018-SB138-0507	SB138	10/31/2008	SO	N	5	7	N										X	X	X														
80018-SB138-0507	SB138	10/31/2008	SO	N	5	7	T					X																					
80018-SB139-1416	SB139	10/29/2008	SO	N	14	16	N								X		X	X	X														
80018-SB139-1416	SB139	10/29/2008	SO	N	14	16	T					X																					
80018-SB140-0911	SB140	10/30/2008	SO	N	9	11	N										X	X	X														
80018-SB140-0911	SB140	10/30/2008	SO	N	9	11	T		X		X	X																					
80018-SB141-0507	SB141	10/30/2008	SO	N	5	7	N																	X									
80018-SB141-0911	SB141	10/30/2008	SO	N	9	11	N										X	X	X														
80018-SB141-0911	SB141	10/30/2008	SO	N	9	11	T					X																					
80018-SB142-1517	SB142	10/28/2008	SO	N	15	17	N								X		X	X	X														
80018-SB142-1517	SB142	10/28/2008	SO	N	15	17	T		X		X	X																					
80018-SB143-1012	SB143	10/27/2008	SO	N	10	12	N								X		X	X	X														
80018-SB143-1012	SB143	10/27/2008	SO	N	10	12	T					X																					
80018-SB144-1012	SB144	10/27/2008	SO	N	10	12	N								X		X	X	X														
80018-SB144-1012	SB144	10/27/2008	SO	N	10	12	T		X		X	X																					

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Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-SB145-0709	SB145	10/21/2008	SO	N	7	9	N								X		X	X	X														
80018-SB145-0709	SB145	10/21/2008	SO	N	7	9	T		X		X	X																					
80018-SB146-1416	SB146	10/24/2008	SO	N	14	16	N								X		X	X	X														
80018-SB146-1416	SB146	10/24/2008	SO	N	14	16	T		X		X	X																					
80018-SB147-0911	SB147	10/29/2008	SO	N	9	11	N								X		X	X	X														
80018-SB147-0911	SB147	10/29/2008	SO	N	9	11	T		X		X	X																					
80018-SB148-1517	SB148	10/29/2008	SO	N	15	17	N								X		X	X	X														
80018-SB148-1517	SB148	10/29/2008	SO	N	15	17	T		X		X	X																					
80018-SB149-1517	SB149	10/27/2008	SO	N	15	17	N								X		X	X	X														
80018-SB149-1517	SB149	10/27/2008	SO	N	15	17	T		X		X	X																					
80018-SB149-1516	SB149	11/5/2008	SO	N	15	16	N																X										
80018-DUP106-0507	SB150	10/23/2008	SO	FD	5	7	N								X		X	X	X														
80018-DUP106-0507	SB150	10/23/2008	SO	FD	5	7	T					X																					
80018-SB150-0507	SB150	10/23/2008	SO	N	5	7	N								X		X	X	X				X										
80018-SB150-0507	SB150	10/23/2008	SO	N	5	7	T		X		X	X																					
80018-SB151-0507	SB151	10/23/2008	SO	N	5	7	T		X		X																						
80018-SB151-1517	SB151	10/23/2008	SO	N	15	17	N								X		X	X	X														
80018-SB151-1517	SB151	10/23/2008	SO	N	15	17	T					X																					
80018-SB152-0507	SB152	10/24/2008	SO	N	5	7	N								X		X	X	X														
80018-SB152-0507	SB152	10/24/2008	SO	N	5	7	T					X																					
80018-SB153-0507	SB153	10/24/2008	SO	N	5	7	N								X		X	X	X														
80018-SB153-0507	SB153	10/24/2008	SO	N	5	7	T		X		X	X																					
80018-SB153-2-0507	SB153	11/4/2008	SO	N	5	7	N																X										
80018-SB154-0507	SB154	10/23/2008	SO	N	5	7	N								X			X	X														
80018-SB154-0507	SB154	10/23/2008	SO	N	5	7	T					X																					
80018-SB155-0507	SB155	10/25/2008	SO	N	5	7	N								X		X	X	X														
80018-SB155-0507	SB155	10/25/2008	SO	N	5	7	T		X		X	X																					
80018-SB155-2-0507	SB155	11/11/2008	SO	N	5	7	N																X										
80018-SB156-1416	SB156	10/25/2008	SO	N	14	16	N								X		X	X	X														
80018-SB156-1416	SB156	10/25/2008	SO	N	14	16	T		X		X	X																					
80018-DUP07-1416	SB156	10/25/2008	SO	FD	14	16	N								X		X	X	X														
80018-DUP07-1416	SB156	10/25/2008	SO	FD	14	16	T					X																					
80018-SB157-0507	SB157	10/25/2008	SO	N	5	7	N																	X									
80018-SB157-0911	SB157	11/1/2008	SO	N	9	11	N								X		X	X	X														
80018-SB157-0911	SB157	11/1/2008	SO	N	9	11	T		X		X	X																					
80018-SB159-0911	SB159	11/1/2008	SO	N	9	11	N								X		X	X	X														
80018-SB159-0911	SB159	11/1/2008	SO	N	9	11	T					X																					
80018-SB160-0911	SB160	11/1/2008	SO	N	9	11	N								X		X	X	X														
80018-SB160-0911	SB160	11/1/2008	SO	N	9	11	T					X																					
80018-SB161-1012	SB161	10/25/2008	SO	N	10	12	N								X		X	X	X														
80018-SB161-1012	SB161	10/25/2008	SO	N	10	12	T					X																					
80018-SB162-0507	SB162	10/25/2008	SO	N	5	7	N								X		X	X	X														
80018-SB162-0507	SB162	10/25/2008	SO	N	5	7	T		X		X	X																					
80018-SB163-0507	SB163	10/21/2008	SO	N	5	7	N								X		X	X	X														
80018-SB163-0507	SB163	10/21/2008	SO	N	5	7	T		X		X	X																					
80018-SB164-0507	SB164	10/21/2008	SO	N	5	7	N								X		X	X	X														
80018-SB164-0507	SB164	10/21/2008	SO	N	5	7	T					X																					
80018-SB165-0507	SB165	10/21/2008	SO	N	5	7	N								X		X	X	X														
80018-SB165-0507	SB165	10/21/2008	SO	N	5	7	T					X																					
80018-SB166-0507	SB166	10/21/2008	SO	N	5	7	N								X		X	X	X														
80018-SB166-0507	SB166	10/21/2008	SO	N	5	7	T					X																					
80018-DUP110-0203	SB167	11/12/2008	SO	FD	2	3	N								X		X	X	X														
80018-DUP110-0203	SB167	11/12/2008	SO	FD	2	3	T					X																					
80018-SB167-0203	SB167	11/12/2008	SO	N	2	3	N								X		X	X	X														
80018-SB167-0203	SB167	11/12/2008	SO	N	2	3	T					X																					
80018-SB168-0507	SB168	10/29/2008	SO	N	5	7	N							X	X		X	X	X					X									
80018-SB168-0507	SB168	10/29/2008	SO	N	5	7	T					X																					
80018-SB168-0507D	SB168	10/29/2008	SO	FD	5	7	N							X																			
80018-SB169-0507	SB169	10/27/2008	SO	N	5	7	N								X		X	X	X														
80018-SB169-0507	SB169	10/27/2008	SO	N	5	7	T					X																					
80018-SB170-0405	SB170	11/11/2008	SO	N	4	5	N								X		X	X	X														
80018-SB170-0405	SB170	11/11/2008	SO	N	4	5	T		X		X	X																					
80018-SB171-0507	SB171	10/27/2008	SO	N	5	7	N							X										X									
80018-SB171-0507D	SB171	10/27/2008	SO	FD	5	7	N							X										X									

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-SB171-1012	SB171	10/27/2008	SO	N	10	12	N								X		X	X	X														
80018-SB171-1012	SB171	10/27/2008	SO	N	10	12	T		X		X	X																					
80018-SB171-2-1012	SB171	11/11/2008	SO	N	10	12	N																X										
80018-SB178-0012-0610	SB178	6/22/2010	SO	N	0	1	T	X		X																							
80018-SB178-1224-0610	SB178	6/22/2010	SO	N	1	2	T	X		X																							
80018-SB179-0012-0610	SB179	6/22/2010	SO	N	0	1	T	X		X																							
80018-DUP01-0012-0610	SB179	6/22/2010	SO	FD	0	1	T	X		X																							
80018-SB179-1236-0610	SB179	6/22/2010	SO	N	1	3	T	X		X																							
80018-SB180-0018-0610	SB180	6/22/2010	SO	N	0	1.5	T	X		X																							
80018-SB181-0012-0610	SB181	6/22/2010	SO	N	0	1	T	X		X																							
80018-SB181-1224-0610	SB181	6/22/2010	SO	N	1	2	T	X		X																							
80018-SB182-0012-0610	SB182	6/22/2010	SO	N	0	1	T	X		X																							
80018-SB182-1230-0610	SB182	6/22/2010	SO	N	1	2.5	T	X		X																							
80018-SB183-0012-0610	SB183	6/22/2010	SO	N	0	1	T	X		X																							
80018-SB183-1224-0610	SB183	6/22/2010	SO	N	1	2	T	X		X																							
80018-SB184-0012-0610	SB184	6/22/2010	SO	N	0	1	T	X		X																							
80018-SB184-1218-0610	SB184	6/22/2010	SO	N	1	1.5	T	X		X																							
80018-SB185-0012-0610	SB185	6/22/2010	SO	N	0	1	T	X		X																							
80018-SB185-1224-0610	SB185	6/22/2010	SO	N	1	2	T	X		X																							
80018-SB186-0012-0610	SB186	6/22/2010	SO	N	0	1	T	X		X																							
80018-SB186-1224-0610	SB186	6/22/2010	SO	N	1	2	T	X		X																							
80018-SB198-0410-0311	SB198	3/28/2011	SO	N	4	9	N									X	X	X	X														
80018-SB198-0410-0311	SB198	3/28/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB198-0410-0311	SB198	3/28/2011	SO	N	4	9	T																		X								
80018-SB199-0410-0311	SB199	3/28/2011	SO	N	4	9	N									X	X	X	X														
80018-SB199-0410-0311	SB199	3/28/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB199-0410-0311	SB199	3/28/2011	SO	N	4	9	T																		X								
80018-SB200-0410-0311	SB200	3/28/2011	SO	N	4	9	N									X	X	X	X														
80018-SB200-0410-0311	SB200	3/28/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB200-0410-0311	SB200	3/28/2011	SO	N	4	9	T																		X								
80018-SB194-0410-0311	SB194	3/29/2011	SO	N	4	9	N									X	X	X	X														
80018-SB194-0410-0311	SB194	3/29/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB194-0410-0311	SB194	3/29/2011	SO	N	4	9	T																		X								
80018-SB202-0410-0311	SB202	3/29/2011	SO	N	4	9	N									X	X	X	X														
80018-SB202-0410-0311	SB202	3/29/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB202-0410-0311	SB202	3/29/2011	SO	N	4	9	T																		X								
80018-SB201-0410-0311	SB201	3/29/2011	SO	N	4	9	N									X	X	X	X														
80018-SB201-0410-0311	SB201	3/29/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB201-0410-0311	SB201	3/29/2011	SO	N	4	9	T																		X								
80018-SB203-0410-0311	SB203	3/29/2011	SO	N	4	9	N									X	X	X	X														
80018-SB203-0410-0311	SB203	3/29/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB203-0410-0311	SB203	3/29/2011	SO	N	4	9	T																		X								
80018-DUP01-0410-0311	SB203	3/29/2011	SO	FD	4	9	N									X	X	X	X														
80018-DUP01-0410-0311	SB203	3/29/2011	SO	FD	4	9	S																			X	X	X	X	X	X		
80018-DUP01-0410-0311	SB203	3/29/2011	SO	FD	4	9	T																		X								
80018-SB197-0410-0311	SB197	3/29/2011	SO	N	4	9	N									X	X	X	X														
80018-SB197-0410-0311	SB197	3/29/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB197-0410-0311	SB197	3/29/2011	SO	N	4	9	T	X																	X							X	X
80018-SB193-0410-0311	SB193	3/30/2011	SO	N	4	9	N									X	X	X	X														
80018-SB193-0410-0311	SB193	3/30/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB193-0410-0311	SB193	3/30/2011	SO	N	4	9	T																		X								
80018-SB195-0410-0311	SB195	3/30/2011	SO	N	4	9	N									X	X	X	X														
80018-SB195-0410-0311	SB195	3/30/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB195-0410-0311	SB195	3/30/2011	SO	N	4	9	T																		X								
80018-SB207-0410-0311	SB207	3/30/2011	SO	N	4	9	N									X	X	X	X														
80018-SB207-0410-0311	SB207	3/30/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB207-0410-0311	SB207	3/30/2011	SO	N	4	9	T																		X								
80018-SB196-0410-0311	SB196	3/31/2011	SO	N	4	9	N									X	X	X	X														
80018-SB196-0410-0311	SB196	3/31/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB196-0410-0311	SB196	3/31/2011	SO	N	4	9	T	X																	X							X	X
80018-SB192-0410-0311	SB192	3/31/2011	SO	N	4	9	N									X	X	X	X														
80018-SB192-0410-0311	SB192	3/31/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB192-0410-0311	SB192	3/31/2011	SO	N	4	9	T																		X								
80018-SB191-0410-0311	SB191	3/31/2011	SO	N	4	9	N									X	X	X	X														

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-SB191-0410-0311	SB191	3/31/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB191-0410-0311	SB191	3/31/2011	SO	N	4	9	T	X																	X							X	X
80018-SB190-0410-0311	SB190	3/31/2011	SO	N	4	9	N									X	X	X	X														
80018-SB190-0410-0311	SB190	3/31/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB190-0410-0311	SB190	3/31/2011	SO	N	4	9	T																		X								
80018-SB204-0410-0311	SB204	3/31/2011	SO	N	4	9	N									X	X	X	X														
80018-SB204-0410-0311	SB204	3/31/2011	SO	N	4	9	S																			X	X	X	X	X	X		
80018-SB204-0410-0311	SB204	3/31/2011	SO	N	4	9	T	X																	X							X	X
80018-SB206-0410-0311	SB206	4/4/2011	SO	N	4	10	N									X	X	X	X														
80018-SB206-0410-0311	SB206	4/4/2011	SO	N	4	10	S																			X	X	X	X	X	X		
80018-SB206-0410-0311	SB206	4/4/2011	SO	N	4	10	T	X																	X							X	X
80018-SB205-0410-0311	SB205	4/4/2011	SO	N	4	10	N									X	X	X	X														
80018-SB205-0410-0311	SB205	4/4/2011	SO	N	4	10	S																			X	X	X	X	X	X		
80018-SB205-0410-0311	SB205	4/4/2011	SO	N	4	10	T																		X								
80018-SB208-0410-0311	SB208	4/4/2011	SO	N	4	10	N									X	X	X	X														
80018-SB208-0410-0311	SB208	4/4/2011	SO	N	4	10	S																			X	X	X	X	X	X		
80018-SB208-0410-0311	SB208	4/4/2011	SO	N	4	10	T	X																	X							X	X
80018-SB189-0410-0311	SB189	4/4/2011	SO	N	4	10	N									X	X	X	X														
80018-SB189-0410-0311	SB189	4/4/2011	SO	N	4	10	S																			X	X	X	X	X	X		
80018-SB189-0410-0311	SB189	4/4/2011	SO	N	4	10	T																		X								
80018-DUP02-0410-0311	SB189	4/4/2011	SO	FD	4	10	N									X	X	X	X														
80018-DUP02-0410-0311	SB189	4/4/2011	SO	FD	4	10	S																			X	X	X	X	X	X		
80018-DUP02-0410-0311	SB189	4/4/2011	SO	FD	4	10	T																		X								
80018-SB187-0410-0311	SB187	4/4/2011	SO	N	4	10	N									X	X	X	X														
80018-SB187-0410-0311	SB187	4/4/2011	SO	N	4	10	S																			X	X	X	X	X	X		
80018-SB187-0410-0311	SB187	4/4/2011	SO	N	4	10	T	X																	X							X	X
80018-SB188-0410-0311	SB188	4/4/2011	SO	N	4	10	N									X	X	X	X														
80018-SB188-0410-0311	SB188	4/4/2011	SO	N	4	10	S																			X	X	X	X	X	X		
80018-SB188-0410-0311	SB188	4/4/2011	SO	N	4	10	T																		X								
80018-SS101-0006	SS101	10/16/2008	SO	N	0	0.5	N										X	X	X														
80018-SS101-0006	SS101	10/16/2008	SO	N	0	0.5	T					X																					
80018-DUP100-0006	SS101	10/16/2008	SO	FD	0	0.5	N										X	X	X														
80018-DUP100-0006	SS101	10/16/2008	SO	FD	0	0.5	T					X																					
80018-SS102-0006	SS102	10/16/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS102-0006	SS102	10/16/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS103-0006	SS103	10/16/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS103-0006	SS103	10/16/2008	SO	N	0	0.5	T					X																					
80018-SS104-0006	SS104	10/16/2008	SO	N	0	0.5	N										X	X	X														
80018-SS104-0006	SS104	10/16/2008	SO	N	0	0.5	T					X																					
80018-SS105-0006	SS105	10/16/2008	SO	N	0	0.5	N										X	X	X														
80018-SS105-0006	SS105	10/16/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS106-0006	SS106	10/16/2008	SO	N	0	0.5	N										X	X	X														
80018-SS106-0006	SS106	10/16/2008	SO	N	0	0.5	T					X																					
80018-SS108-0006	SS108	10/16/2008	SO	N	0	0.5	N										X	X	X														
80018-SS108-0006	SS108	10/16/2008	SO	N	0	0.5	T					X																					
80018-SS109-0006	SS109	10/16/2008	SO	N	0	0.5	N										X	X	X														
80018-SS109-0006	SS109	10/16/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS110-0006	SS110	10/16/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS110-0006	SS110	10/16/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS-111-0006	SS111	10/20/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS-111-0006	SS111	10/20/2008	SO	N	0	0.5	T					X																					
80018-SS112-0006	SS112	10/20/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS112-0006	SS112	10/20/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS113-0002	SS113	10/22/2008	SO	N	0	2	N								X		X	X	X														
80018-SS113-0002	SS113	10/22/2008	SO	N	0	2	T		X		X	X																					
80018-SS114-0002	SS114	10/23/2008	SO	N	0	2	N								X		X	X	X														
80018-SS114-0002	SS114	10/23/2008	SO	N	0	2	T					X																					
80018-SS116-0002	SS116	10/23/2008	SO	N	0	2	N								X			X	X														
80018-SS116-0002	SS116	10/23/2008	SO	N	0	2	T					X																					
80018-SS117-0002	SS117	10/24/2008	SO	N	0	0.5	N								X			X	X														
80018-SS117-0002	SS117	10/24/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS118-0002	SS118	10/22/2008	SO	N	0	2	N								X		X	X	X														
80018-SS118-0002	SS118	10/22/2008	SO	N	0	2	T		X		X	X																					
80018-SS119-0006	SS119	10/16/2008	SO	N	0	0.5	N								X		X	X	X														

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-SS119-0006	SS119	10/16/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS120-0006	SS120	10/16/2008	SO	N	0	0.5	N										X	X	X														
80018-SS120-0006	SS120	10/16/2008	SO	N	0	0.5	T					X																					
80018-SS121-0006	SS121	10/16/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS121-0006	SS121	10/16/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS123-0006	SS123	10/16/2008	SO	N	0	0.5	N										X	X	X														
80018-SS123-0006	SS123	10/16/2008	SO	N	0	0.5	T					X																					
80018-SS124-0006	SS124	10/16/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS124-0006	SS124	10/16/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS128-0006	SS128	10/23/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS128-0006	SS128	10/23/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS130-0006	SS130	10/23/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS130-0006	SS130	10/23/2008	SO	N	0	0.5	T					X																					
80018-SS131-0006	SS131	10/22/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS131-0006	SS131	10/22/2008	SO	N	0	0.5	T					X																					
80018-SS132-0006	SS132	10/22/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS132-0006	SS132	10/22/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS133-0006	SS133	10/22/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS133-0006	SS133	10/22/2008	SO	N	0	0.5	T					X																					
80018-SS134-0006	SS134	10/22/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS134-0006	SS134	10/22/2008	SO	N	0	0.5	T					X																					
80018-SS135-0006	SS135	10/22/2008	SO	N	0	0.5	N								X			X	X														
80018-SS135-0006	SS135	10/22/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS136-0006	SS136	10/15/2008	SO	N	0	0.5	N										X	X	X														
80018-SS136-0006	SS136	10/15/2008	SO	N	0	0.5	T					X																					
80018-SS137-0006	SS137	10/15/2008	SO	N	0	0.5	N										X	X	X														
80018-SS137-0006	SS137	10/15/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS138-0006	SS138	10/15/2008	SO	N	0	0.5	N										X	X	X														
80018-SS138-0006	SS138	10/15/2008	SO	N	0	0.5	T					X																					
80018-SS139-0006	SS139	10/8/2008	SO	N	0	0.5	N										X	X	X														
80018-SS139-0006	SS139	10/8/2008	SO	N	0	0.5	T		X		X	X																					
80018-SS140-0006	SS140	10/15/2008	SO	N	0	0.5	N										X	X	X														
80018-SS140-0006	SS140	10/15/2008	SO	N	0	0.5	T					X																					
80018-SS141-0006	SS141	10/16/2008	SO	N	0	0.5	N								X		X	X	X														
80018-SS141-0006	SS141	10/16/2008	SO	N	0	0.5	T					X																					
80018-SS142-0006	SS142	10/16/2008	SO	N	0	0.5	N										X	X	X														
80018-SS142-0006	SS142	10/16/2008	SO	N	0	0.5	T					X																					
80018-SS143-0002	SS143	11/1/2008	SO	N	0	2	N								X		X	X	X														
80018-SS143-0002	SS143	11/1/2008	SO	N	0	2	T		X		X	X																					
80018-SS144-0002	SS144	10/25/2008	SO	N	0	2	N								X		X	X	X														
80018-SS144-0002	SS144	10/25/2008	SO	N	0	2	T					X																					
80018-SS145-0002	SS145	11/1/2008	SO	N	0	2	N								X		X	X	X														
80018-SS145-0002	SS145	11/1/2008	SO	N	0	2	T		X		X	X																					
80018-DUP109-0002	SS146	11/1/2008	SO	FD	0	2	T		X		X																						
80018-SS146-0002	SS146	11/1/2008	SO	N	0	2	N								X		X	X	X														
80018-SS146-0002	SS146	11/1/2008	SO	N	0	2	T		X		X	X																					
80018-SS-SS147-1010	SS147	10/5/2010	SO	N	0.5	1	N									X	X																
80018-SS-SS147-1010	SS147	10/5/2010	SO	N	0.5	1	T					X																					
80018-SS-SS148-1010	SS148	10/5/2010	SO	N	0.5	1	N									X	X																
80018-SS-SS148-1010	SS148	10/5/2010	SO	N	0.5	1	T					X																					
80018-SS-SS149-1010	SS149	10/5/2010	SO	N	0.5	1	N									X	X																
80018-SS-SS149-1010	SS149	10/5/2010	SO	N	0.5	1	T					X																					
80018-SS-SS150-1010	SS150	10/5/2010	SO	N	0.5	1	N									X	X																
80018-SS-SS150-1010	SS150	10/5/2010	SO	N	0.5	1	T					X																					
80018-SS-DUP03-1010	SS150	10/5/2010	SO	FD	0.5	1	N									X	X																
80018-SS-DUP03-1010	SS150	10/5/2010	SO	FD	0.5	1	T					X																					
80018-SS-SS151-1010	SS151	10/5/2010	SO	N	0.5	1	N									X	X																
80018-SS-SS151-1010	SS151	10/5/2010	SO	N	0.5	1	T					X																					
80018-SS-SS152-1010	SS152	10/5/2010	SO	N	0.5	1	N									X	X																
80018-SS-SS152-1010	SS152	10/5/2010	SO	N	0.5	1	T					X																					
80018-SS-SS153-1010	SS153	10/5/2010	SO	N	0.5	1	N									X	X																
80018-SS-SS153-1010	SS153	10/5/2010	SO	N	0.5	1	T					X																					
80018-SS-SS154-1010	SS154	10/5/2010	SO	N	0.5	1	N									X	X																
80018-SS-SS154-1010	SS154	10/5/2010	SO	N	0.5	1	T					X																					

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-SS-SS155-1010	SS155	10/5/2010	SO	N	0.5	1	N									X	X																
80018-SS-SS155-1010	SS155	10/5/2010	SO	N	0.5	1	T					X																					
80018-GW-MW1-1208	MW1	12/18/2008	GW	N			D					X	X																				
80018-GW-MW1-1208	MW1	12/18/2008	GW	N			N								X																		
80018-GW-MW1-1208	MW1	12/18/2008	GW	N			T					X	X																				
80018-GW-MW1-0309	MW1	3/4/2009	GW	N			D					X	X																				
80018-GW-MW1-0309	MW1	3/4/2009	GW	N			N								X																		
80018-GW-MW1-0309	MW1	3/4/2009	GW	N			T					X	X																				
80018-GW-MW1-0609	MW1	6/15/2009	GW	N			D					X	X																				
80018-GW-MW1-0609	MW1	6/15/2009	GW	N			N								X																		
80018-GW-MW1-0609	MW1	6/15/2009	GW	N			T					X	X																				
80018-GW-MW1-0909	MW1	9/3/2009	GW	N			D					X	X																				
80018-GW-MW1-0909	MW1	9/3/2009	GW	N			N									X	X	X	X														
80018-GW-MW1-0909	MW1	9/3/2009	GW	N			T					X	X																				
80018-GW-MW1-1209	MW1	12/1/2009	GW	N			D					X	X																				
80018-GW-MW1-1209	MW1	12/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW1-1209	MW1	12/1/2009	GW	N			T					X	X																				
80018-GW-MW1-0310	MW1	3/10/2010	GW	N			D					X	X																				
80018-GW-MW1-0310	MW1	3/10/2010	GW	N			N									X	X	X	X														
80018-GW-MW1-0310	MW1	3/10/2010	GW	N			T					X	X																				
80018-GW-MW1-0610	MW1	6/25/2010	GW	N			D					X	X																				
80018-GW-MW1-0610	MW1	6/25/2010	GW	N			N									X	X	X	X														
80018-GW-MW1-0610	MW1	6/25/2010	GW	N			T					X	X																				
80018-GW-MW1-1010	MW1	10/7/2010	GW	N			D					X	X																				
80018-GW-MW1-1010	MW1	10/7/2010	GW	N			N									X	X	X	X														
80018-GW-MW1-1010	MW1	10/7/2010	GW	N			T					X	X																				
80018-GW-MW10-1208	MW10	12/16/2008	GW	N			D					X	X																				
80018-GW-MW10-1208	MW10	12/16/2008	GW	N			N								X																		
80018-GW-MW10-1208	MW10	12/16/2008	GW	N			T					X	X																				
80018-GW-MW10-0309	MW10	3/4/2009	GW	N			D					X	X																				
80018-GW-MW10-0309	MW10	3/4/2009	GW	N			N								X																		
80018-GW-MW10-0309	MW10	3/4/2009	GW	N			T					X	X																				
80018-GW-DUP110-0309	MW10	3/4/2009	GW	FD			D					X	X																				
80018-GW-DUP110-0309	MW10	3/4/2009	GW	FD			N								X																		
80018-GW-DUP110-0309	MW10	3/4/2009	GW	FD			T					X	X																				
80018-GW-MW10-0609	MW10	6/15/2009	GW	N			D					X	X																				
80018-GW-MW10-0609	MW10	6/15/2009	GW	N			N								X																		
80018-GW-MW10-0609	MW10	6/15/2009	GW	N			T					X	X																				
80018-GW-MW10-0909	MW10	9/2/2009	GW	N			D					X	X																				
80018-GW-MW10-0909	MW10	9/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW10-0909	MW10	9/2/2009	GW	N			T					X	X				X																
80018-GW-MW10-1209	MW10	12/3/2009	GW	N			D					X	X																				
80018-GW-MW10-1209	MW10	12/3/2009	GW	N			N									X	X	X	X														
80018-GW-MW10-1209	MW10	12/3/2009	GW	N			T					X	X																				
80018-GW-MW10-0310	MW10	3/12/2010	GW	N			D					X	X																				
80018-GW-MW10-0310	MW10	3/12/2010	GW	N			N									X	X	X	X														
80018-GW-MW10-0310	MW10	3/12/2010	GW	N			T					X	X																				
80018-GW-MW10-0610	MW10	6/23/2010	GW	N			D					X	X																				
80018-GW-MW10-0610	MW10	6/23/2010	GW	N			N									X	X	X	X														
80018-GW-MW10-0610	MW10	6/23/2010	GW	N			T					X	X																				
80018-GW-MW10-1010	MW10	10/7/2010	GW	N			D					X	X																				
80018-GW-MW10-1010	MW10	10/7/2010	GW	N			N									X	X	X	X														
80018-GW-MW10-1010	MW10	10/7/2010	GW	N			T					X	X																				
80018-GW-MW11D-1208	MW11D	12/15/2008	GW	N			D					X	X																				
80018-GW-MW11D-1208	MW11D	12/15/2008	GW	N			N								X																		
80018-GW-MW11D-1208	MW11D	12/15/2008	GW	N			T					X	X																				
80018-GW-MW11D-0309	MW11D	3/5/2009	GW	N			D					X	X																				
80018-GW-MW11D-0309	MW11D	3/5/2009	GW	N			N								X																		
80018-GW-MW11D-0309	MW11D	3/5/2009	GW	N			T					X	X																				
80018-GW-DUP110-0609	MW11D	6/16/2009	GW	FD			D					X	X																				
80018-GW-DUP110-0609	MW11D	6/16/2009	GW	FD			N								X																		
80018-GW-DUP110-0609	MW11D	6/16/2009	GW	FD			T					X	X																				
80018-GW-MW11D-0609	MW11D	6/16/2009	GW	N			D					X	X																				
80018-GW-MW11D-0609	MW11D	6/16/2009	GW	N			N								X																		

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-GW-MW11D-0609	MW11D	6/16/2009	GW	N			T					X	X																				
80018-GW-MW11D-0909	MW11D	9/2/2009	GW	N			D					X	X																				
80018-GW-MW11D-0909	MW11D	9/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW11D-0909	MW11D	9/2/2009	GW	N			T					X	X						X														
80018-GW-MW11D-1209	MW11D	12/2/2009	GW	N			D					X	X																				
80018-GW-MW11D-1209	MW11D	12/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW11D-1209	MW11D	12/2/2009	GW	N			T					X	X																				
80018-GW-MW11D-0310	MW11D	3/11/2010	GW	N			D					X	X																				
80018-GW-MW11D-0310	MW11D	3/11/2010	GW	N			N									X	X	X	X														
80018-GW-MW11D-0310	MW11D	3/11/2010	GW	N			T					X	X																				
80018-GW-MW11D-0610	MW11D	6/21/2010	GW	N			D					X	X																				
80018-GW-MW11D-0610	MW11D	6/21/2010	GW	N			N									X	X	X	X														
80018-GW-MW11D-0610	MW11D	6/21/2010	GW	N			T					X	X																				
80018-GW-MW11D-1010	MW11D	10/6/2010	GW	N			D					X	X																				
80018-GW-MW11D-1010	MW11D	10/6/2010	GW	N			N									X	X	X	X														
80018-GW-MW11D-1010	MW11D	10/6/2010	GW	N			T					X	X																				
80018-GW-MW11S-1208	MW11S	12/16/2008	GW	N			D					X	X																				
80018-GW-MW11S-1208	MW11S	12/16/2008	GW	N			N								X																		
80018-GW-MW11S-1208	MW11S	12/16/2008	GW	N			T					X	X																				
80018-GW-MW11S-0309	MW11S	3/6/2009	GW	N			D					X	X																				
80018-GW-MW11S-0309	MW11S	3/6/2009	GW	N			N								X																		
80018-GW-MW11S-0309	MW11S	3/6/2009	GW	N			T					X	X																				
80018-GW-MW11S-0309RS	MW11S	3/24/2009	GW	N			N								X																		
80018-GW-MW11S-0609	MW11S	6/16/2009	GW	N			D					X	X																				
80018-GW-MW11S-0609	MW11S	6/16/2009	GW	N			N								X																		
80018-GW-MW11S-0609	MW11S	6/16/2009	GW	N			T					X	X																				
80018-GW-MW11S-0909	MW11S	9/1/2009	GW	N			D					X	X																				
80018-GW-MW11S-0909	MW11S	9/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW11S-0909	MW11S	9/1/2009	GW	N			T					X	X				X		X														
80018-GW-MW11S-1209	MW11S	12/2/2009	GW	N			D					X	X																				
80018-GW-MW11S-1209	MW11S	12/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW11S-1209	MW11S	12/2/2009	GW	N			T					X	X																				
80018-GW-MW11S-0310	MW11S	3/11/2010	GW	N			D					X	X																				
80018-GW-MW11S-0310	MW11S	3/11/2010	GW	N			N									X	X	X	X														
80018-GW-MW11S-0310	MW11S	3/11/2010	GW	N			T					X	X																				
80018-GW-MW11S-0610	MW11S	6/23/2010	GW	N			D					X	X																				
80018-GW-MW11S-0610	MW11S	6/23/2010	GW	N			N									X	X	X	X														
80018-GW-MW11S-0610	MW11S	6/23/2010	GW	N			T					X	X																				
80018-GW-MW11S-1010	MW11S	10/7/2010	GW	N			D					X	X																				
80018-GW-MW11S-1010	MW11S	10/7/2010	GW	N			N									X	X	X	X														
80018-GW-MW11S-1010	MW11S	10/7/2010	GW	N			T					X	X																				
80018-GW-MW12D-1208	MW12D	12/17/2008	GW	N			D					X	X																				
80018-GW-MW12D-1208	MW12D	12/17/2008	GW	N			N								X																		
80018-GW-MW12D-1208	MW12D	12/17/2008	GW	N			T					X	X																				
80018-GW-MW12D-0309	MW12D	3/6/2009	GW	N			D					X	X																				
80018-GW-MW12D-0309	MW12D	3/6/2009	GW	N			N								X																		
80018-GW-MW12D-0309	MW12D	3/6/2009	GW	N			T					X	X																				
80018-GW-MW12D-0609	MW12D	6/15/2009	GW	N			D					X	X																				
80018-GW-MW12D-0609	MW12D	6/15/2009	GW	N			N								X																		
80018-GW-MW12D-0609	MW12D	6/15/2009	GW	N			T					X	X																				
80018-GW-MW12D-0809	MW12D	8/31/2009	GW	N			D					X	X																				
80018-GW-MW12D-0809	MW12D	8/31/2009	GW	N			N									X	X	X	X														
80018-GW-MW12D-0809	MW12D	8/31/2009	GW	N			T					X	X																				
80018-GW-DUP01-0809	MW12D	8/31/2009	GW	FD			D					X	X																				
80018-GW-DUP01-0809	MW12D	8/31/2009	GW	FD			N									X	X	X	X														
80018-GW-DUP01-0809	MW12D	8/31/2009	GW	FD			T					X	X																				
80018-GW-MW12D-1209	MW12D	11/30/2009	GW	N			D					X	X																				
80018-GW-MW12D-1209	MW12D	11/30/2009	GW	N			N									X	X	X	X														
80018-GW-MW12D-1209	MW12D	11/30/2009	GW	N			T					X	X																				
80018-GW-MW12D-0310	MW12D	3/11/2010	GW	N			D					X	X																				
80018-GW-MW12D-0310	MW12D	3/11/2010	GW	N			N									X	X	X	X														
80018-GW-MW12D-0310	MW12D	3/11/2010	GW	N			T					X	X																				
80018-GW-MW12D-0610	MW12D	6/22/2010	GW	N			D					X	X																				
80018-GW-MW12D-0610	MW12D	6/22/2010	GW	N			N									X	X	X	X														

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-GW-MW12D-0610	MW12D	6/22/2010	GW	N			T					X	X																				
80018-GW-MW12D-1010	MW12D	10/6/2010	GW	N			D					X	X																				
80018-GW-MW12D-1010	MW12D	10/6/2010	GW	N			N									X	X	X	X														
80018-GW-MW12D-1010	MW12D	10/6/2010	GW	N			T					X	X																				
80018-GW-MW12S-1208	MW12S	12/17/2008	GW	N			D					X	X																				
80018-GW-MW12S-1208	MW12S	12/17/2008	GW	N			N								X																		
80018-GW-MW12S-1208	MW12S	12/17/2008	GW	N			T					X	X																				
80018-GW-MW12S-0309	MW12S	3/6/2009	GW	N			D					X	X																				
80018-GW-MW12S-0309	MW12S	3/6/2009	GW	N			N								X																		
80018-GW-MW12S-0309	MW12S	3/6/2009	GW	N			T					X	X																				
80018-GW-MW12S-0309RS	MW12S	3/23/2009	GW	N			N								X																		
80018-GW-DUP111-0309RS	MW12S	3/23/2009	GW	FD			N								X																		
80018-GW-MW12S-0609	MW12S	6/16/2009	GW	N			D					X	X																				
80018-GW-MW12S-0609	MW12S	6/16/2009	GW	N			N								X																		
80018-GW-MW12S-0609	MW12S	6/16/2009	GW	N			T					X	X																				
80018-GW-MW12S-0909	MW12S	9/1/2009	GW	N			D					X	X																				
80018-GW-MW12S-0909	MW12S	9/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW12S-0909	MW12S	9/1/2009	GW	N			T					X	X				X																
80018-GW-MW12S-0310	MW12S	3/8/2010	GW	N			D					X	X																				
80018-GW-MW12S-0310	MW12S	3/8/2010	GW	N			N									X	X	X	X														
80018-GW-MW12S-0310	MW12S	3/8/2010	GW	N			T					X	X																				
80018-GW-MW12S-0610	MW12S	6/22/2010	GW	N			D					X	X																				
80018-GW-MW12S-0610	MW12S	6/22/2010	GW	N			N									X	X	X	X														
80018-GW-MW12S-0610	MW12S	6/22/2010	GW	N			T					X	X																				
80018-GW-MW12S-1010	MW12S	10/6/2010	GW	N			N									X	X	X	X														
80018-GW-MW12S-1010	MW12S	10/6/2010	GW	N			T					X	X																				
80018-GW-MW13-1208	MW13	12/21/2008	GW	N			D					X	X																				
80018-GW-MW13-1208	MW13	12/21/2008	GW	N			N								X																		
80018-GW-MW13-1208	MW13	12/21/2008	GW	N			T					X	X																				
80018-GW-MW13-0309	MW13	3/4/2009	GW	N			D					X	X																				
80018-GW-MW13-0309	MW13	3/4/2009	GW	N			N								X																		
80018-GW-MW13-0309	MW13	3/4/2009	GW	N			T					X	X																				
80018-GW-MW13-0609	MW13	6/17/2009	GW	N			D					X	X																				
80018-GW-MW13-0609	MW13	6/17/2009	GW	N			N								X																		
80018-GW-MW13-0609	MW13	6/17/2009	GW	N			T					X	X																				
80018-GW-MW13-0909	MW13	9/1/2009	GW	N			D					X	X																				
80018-GW-MW13-0909	MW13	9/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW13-0909	MW13	9/1/2009	GW	N			T					X	X																				
80018-GW-MW13-1209	MW13	12/3/2009	GW	N			D					X	X																				
80018-GW-MW13-1209	MW13	12/3/2009	GW	N			N									X	X	X	X														
80018-GW-MW13-1209	MW13	12/3/2009	GW	N			T					X	X																				
80018-GW-MW13-0310	MW13	3/10/2010	GW	N			D					X	X																				
80018-GW-MW13-0310	MW13	3/10/2010	GW	N			N									X	X	X	X														
80018-GW-MW13-0310	MW13	3/10/2010	GW	N			T					X	X																				
80018-GW-MW13-0610	MW13	6/24/2010	GW	N			D					X	X																				
80018-GW-MW13-0610	MW13	6/24/2010	GW	N			N									X	X	X	X														
80018-GW-MW13-0610	MW13	6/24/2010	GW	N			T					X	X																				
80018-GW-MW13-1010	MW13	10/4/2010	GW	N			D					X	X																				
80018-GW-MW13-1010	MW13	10/4/2010	GW	N			N									X	X	X	X														
80018-GW-MW13-1010	MW13	10/4/2010	GW	N			T					X	X																				
80018-GW-MW2-1208	MW2S	12/18/2008	GW	N			D					X	X																				
80018-GW-MW2-1208	MW2S	12/18/2008	GW	N			N								X																		
80018-GW-MW2-1208	MW2S	12/18/2008	GW	N			T					X	X																				
80018-GW-MW2-0309	MW2S	3/4/2009	GW	N			D					X	X																				
80018-GW-MW2-0309	MW2S	3/4/2009	GW	N			N								X																		
80018-GW-MW2-0309	MW2S	3/4/2009	GW	N			T					X	X																				
80018-GW-MW2-0609	MW2S	6/15/2009	GW	N			D					X	X																				
80018-GW-MW2-0609	MW2S	6/15/2009	GW	N			N								X																		
80018-GW-MW2-0609	MW2S	6/15/2009	GW	N			T					X	X																				
80018-GW-MW2S-0809	MW2S	8/31/2009	GW	N			D					X	X																				
80018-GW-MW2S-0809	MW2S	8/31/2009	GW	N			N												X														
80018-GW-MW2S-0809	MW2S	8/31/2009	GW	N			T					X	X						X														
80018-GW-MW2SR-0909	MW2S	9/3/2009	GW	N			N									X	X	X															
80018-GW-MW2SR-0909	MW2S	9/3/2009	GW	N			T										X																

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-GW-MW2S-1209	MW2S	12/3/2009	GW	N			D					X	X																				
80018-GW-MW2S-1209	MW2S	12/3/2009	GW	N			N									X	X	X	X														
80018-GW-MW2S-1209	MW2S	12/3/2009	GW	N			T					X	X																				
80018-GW-MW2S-0310	MW2S	3/10/2010	GW	N			D					X	X																				
80018-GW-MW2S-0310	MW2S	3/10/2010	GW	N			N									X	X	X	X														
80018-GW-MW2S-0310	MW2S	3/10/2010	GW	N			T					X	X																				
80018-GW-MW2S-0610	MW2S	6/23/2010	GW	N			D					X	X																				
80018-GW-MW2S-0610	MW2S	6/23/2010	GW	N			N									X	X	X	X														
80018-GW-MW2S-0610	MW2S	6/23/2010	GW	N			T					X	X																				
80018-GW-MW2S-1010	MW2S	10/6/2010	GW	N			D					X	X																				
80018-GW-MW2S-1010	MW2S	10/6/2010	GW	N			N									X	X	X	X														
80018-GW-MW2S-1010	MW2S	10/6/2010	GW	N			T					X	X																				
80018-GW-MW3S-1208	MW3	12/18/2008	GW	N			D					X	X																				
80018-GW-MW3S-1208	MW3	12/18/2008	GW	N			N								X																		
80018-GW-MW3S-1208	MW3	12/18/2008	GW	N			T					X	X																				
80018-GW-DUP108-1208	MW3	12/18/2008	GW	FD			D					X	X																				
80018-GW-DUP108-1208	MW3	12/18/2008	GW	FD			N								X																		
80018-GW-DUP108-1208	MW3	12/18/2008	GW	FD			T					X	X																				
80018-GW-MW3S-0309	MW3	3/3/2009	GW	N			D					X	X																				
80018-GW-MW3S-0309	MW3	3/3/2009	GW	N			N								X																		
80018-GW-MW3S-0309	MW3	3/3/2009	GW	N			T					X	X																				
80018-GW-MW3S-0609	MW3	6/16/2009	GW	N			D					X	X																				
80018-GW-MW3S-0609	MW3	6/16/2009	GW	N			N								X																		
80018-GW-MW3S-0609	MW3	6/16/2009	GW	N			T					X	X																				
80018-GW-MW3S-0909	MW3	9/1/2009	GW	N			D					X	X																				
80018-GW-MW3S-0909	MW3	9/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW3S-0909	MW3	9/1/2009	GW	N			T					X	X				X																
80018-GW-MW3S-1209	MW3	12/2/2009	GW	N			D					X	X																				
80018-GW-MW3S-1209	MW3	12/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW3S-1209	MW3	12/2/2009	GW	N			T					X	X																				
80018-GW-MW3S-0310	MW3	3/9/2010	GW	N			D					X	X																				
80018-GW-MW3S-0310	MW3	3/9/2010	GW	N			N									X	X	X	X														
80018-GW-MW3S-0310	MW3	3/9/2010	GW	N			T					X	X																				
80018-GW-MW3S-0610	MW3	6/24/2010	GW	N			D					X	X																				
80018-GW-MW3S-0610	MW3	6/24/2010	GW	N			N									X	X	X	X														
80018-GW-MW3S-0610	MW3	6/24/2010	GW	N			T					X	X																				
80018-GW-MW3S-1010	MW3	10/7/2010	GW	N			D					X	X																				
80018-GW-MW3S-1010	MW3	10/7/2010	GW	N			N									X	X	X	X														
80018-GW-MW3S-1010	MW3	10/7/2010	GW	N			T					X	X																				
80018-GW-MW3B-1208	MW3B	12/18/2008	GW	N			D					X	X																				
80018-GW-MW3B-1208	MW3B	12/18/2008	GW	N			N								X																		
80018-GW-MW3B-1208	MW3B	12/18/2008	GW	N			T					X	X																				
80018-GW-MW3B-0309	MW3B	3/3/2009	GW	N			D					X	X																				
80018-GW-MW3B-0309	MW3B	3/3/2009	GW	N			N								X																		
80018-GW-MW3B-0309	MW3B	3/3/2009	GW	N			T					X	X																				
80018-GW-MW3B-0609	MW3B	6/16/2009	GW	N			D					X	X																				
80018-GW-MW3B-0609	MW3B	6/16/2009	GW	N			N								X																		
80018-GW-MW3B-0609	MW3B	6/16/2009	GW	N			T					X	X																				
80018-GW-MW3B-0909	MW3B	9/1/2009	GW	N			D					X	X																				
80018-GW-MW3B-0909	MW3B	9/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW3B-0909	MW3B	9/1/2009	GW	N			T					X	X				X																
80018-GW-MW3B-1209	MW3B	12/2/2009	GW	N			D					X	X																				
80018-GW-MW3B-1209	MW3B	12/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW3B-1209	MW3B	12/2/2009	GW	N			T					X	X																				
80018-GW-MW3B-0310	MW3B	3/9/2010	GW	N			D					X	X																				
80018-GW-MW3B-0310	MW3B	3/9/2010	GW	N			N									X	X	X	X														
80018-GW-MW3B-0310	MW3B	3/9/2010	GW	N			T					X	X																				
80018-GW-MW3B-0610	MW3B	6/25/2010	GW	N			D					X	X																				
80018-GW-MW3B-0610	MW3B	6/25/2010	GW	N			N									X	X	X	X														
80018-GW-MW3B-0610	MW3B	6/25/2010	GW	N			T					X	X																				
80018-GW-MW3B-1010	MW3B	10/7/2010	GW	N			D					X	X																				
80018-GW-MW3B-1010	MW3B	10/7/2010	GW	N			N									X	X	X	X														
80018-GW-MW3B-1010	MW3B	10/7/2010	GW	N			T					X	X																				
80018-GW-MW3D-1208	MW3D	12/21/2008	GW	N			D					X	X																				

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-GW-MW3D-1208	MW3D	12/21/2008	GW	N			N								X																		
80018-GW-MW3D-1208	MW3D	12/21/2008	GW	N			T					X	X																				
80018-GW-MW3D-0309	MW3D	3/4/2009	GW	N			D					X	X																				
80018-GW-MW3D-0309	MW3D	3/4/2009	GW	N			N								X																		
80018-GW-MW3D-0309	MW3D	3/4/2009	GW	N			T					X	X																				
80018-GW-MW3D-0609	MW3D	6/16/2009	GW	N			D					X	X																				
80018-GW-MW3D-0609	MW3D	6/16/2009	GW	N			N								X																		
80018-GW-MW3D-0609	MW3D	6/16/2009	GW	N			T					X	X																				
80018-GW-MW3D-0909	MW3D	8/31/2009	GW	N			D					X	X																				
80018-GW-MW3D-0909	MW3D	8/31/2009	GW	N			N									X	X	X	X														
80018-GW-MW3D-0909	MW3D	8/31/2009	GW	N			T					X	X																				
80018-GW-MW3D-1209	MW3D	12/2/2009	GW	N			D					X	X																				
80018-GW-MW3D-1209	MW3D	12/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW3D-1209	MW3D	12/2/2009	GW	N			T					X	X																				
80018-GW-MW3D-0310	MW3D	3/9/2010	GW	N			D					X	X																				
80018-GW-MW3D-0310	MW3D	3/9/2010	GW	N			N									X	X	X	X														
80018-GW-MW3D-0310	MW3D	3/9/2010	GW	N			T					X	X																				
80018-GW-MW3D-0610	MW3D	6/24/2010	GW	N			D					X	X																				
80018-GW-MW3D-0610	MW3D	6/24/2010	GW	N			N									X	X	X	X														
80018-GW-MW3D-0610	MW3D	6/24/2010	GW	N			T					X	X																				
80018-GW-MW3D-1010	MW3D	10/7/2010	GW	N			D					X	X																				
80018-GW-MW3D-1010	MW3D	10/7/2010	GW	N			N									X	X	X	X														
80018-GW-MW3D-1010	MW3D	10/7/2010	GW	N			T					X	X																				
80018-GW-DUP02-1010	MW3D	10/7/2010	GW	FD			D					X	X																				
80018-GW-DUP02-1010	MW3D	10/7/2010	GW	FD			N									X	X	X	X														
80018-GW-DUP02-1010	MW3D	10/7/2010	GW	FD			T					X	X																				
80018-GW-MW4S-1208	MW4	12/17/2008	GW	N			D					X	X																				
80018-GW-MW4S-1208	MW4	12/17/2008	GW	N			N								X																		
80018-GW-MW4S-1208	MW4	12/17/2008	GW	N			T					X	X																				
80018-GW-MW4S-0309	MW4	3/4/2009	GW	N			D					X	X																				
80018-GW-MW4S-0309	MW4	3/4/2009	GW	N			N								X																		
80018-GW-MW4S-0309	MW4	3/4/2009	GW	N			T					X	X																				
80018-GW-MW4S-0609	MW4	6/17/2009	GW	N			D					X	X																				
80018-GW-MW4S-0609	MW4	6/17/2009	GW	N			N								X																		
80018-GW-MW4S-0609	MW4	6/17/2009	GW	N			T					X	X																				
80018-GW-MW4S-0909	MW4	9/1/2009	GW	N			D					X	X																				
80018-GW-MW4S-0909	MW4	9/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW4S-0909	MW4	9/1/2009	GW	N			T					X	X																				
80018-GW-MW4S-1209	MW4	12/1/2009	GW	N			D					X	X																				
80018-GW-MW4S-1209	MW4	12/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW4S-1209	MW4	12/1/2009	GW	N			T					X	X																				
80018-GW-MW4S-0310	MW4	3/9/2010	GW	N			D					X	X																				
80018-GW-MW4S-0310	MW4	3/9/2010	GW	N			N									X	X	X	X														
80018-GW-MW4S-0310	MW4	3/9/2010	GW	N			T					X	X																				
80018-GW-MW4S-0610	MW4	6/22/2010	GW	N			D					X	X																				
80018-GW-MW4S-0610	MW4	6/22/2010	GW	N			N									X	X	X	X														
80018-GW-MW4S-0610	MW4	6/22/2010	GW	N			T					X	X																				
80018-GW-MW4S-1010	MW4	10/6/2010	GW	N			D					X	X																				
80018-GW-MW4S-1010	MW4	10/6/2010	GW	N			N									X	X	X	X														
80018-GW-MW4S-1010	MW4	10/6/2010	GW	N			T					X	X																				
80018-GW-MW4D-1208	MW4D	12/18/2008	GW	N			D					X	X																				
80018-GW-MW4D-1208	MW4D	12/18/2008	GW	N			N								X																		
80018-GW-MW4D-1208	MW4D	12/18/2008	GW	N			T					X	X																				
80018-GW-MW4D-0309	MW4D	3/3/2009	GW	N			D					X	X																				
80018-GW-MW4D-0309	MW4D	3/3/2009	GW	N			N								X																		
80018-GW-MW4D-0309	MW4D	3/3/2009	GW	N			T					X	X																				
80018-GW-MW4D-0609	MW4D	6/18/2009	GW	N			D					X	X																				
80018-GW-MW4D-0609	MW4D	6/18/2009	GW	N			N								X																		
80018-GW-MW4D-0609	MW4D	6/18/2009	GW	N			T					X	X																				
80018-GW-MW4D-0909	MW4D	9/3/2009	GW	N			D					X	X																				
80018-GW-MW4D-0909	MW4D	9/3/2009	GW	N			N									X	X	X	X														
80018-GW-MW4D-0909	MW4D	9/3/2009	GW	N			T					X	X				X																
80018-GW-MW4D-1209	MW4D	12/1/2009	GW	N			D					X	X																				
80018-GW-MW4D-1209	MW4D	12/1/2009	GW	N			N									X	X	X	X														

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-GW-MW4D-1209	MW4D	12/1/2009	GW	N			T					X	X																				
80018-GW-MW4D-0310	MW4D	3/9/2010	GW	N			D					X	X																				
80018-GW-MW4D-0310	MW4D	3/9/2010	GW	N			N									X	X	X	X														
80018-GW-MW4D-0310	MW4D	3/9/2010	GW	N			T					X	X																				
80018-GW-MW4D-0610	MW4D	6/23/2010	GW	N			D					X	X																				
80018-GW-MW4D-0610	MW4D	6/23/2010	GW	N			N									X	X	X	X														
80018-GW-MW4D-0610	MW4D	6/23/2010	GW	N			T					X	X																				
80018-GW-MW4D-1010	MW4D	10/6/2010	GW	N			D					X	X																				
80018-GW-MW4D-1010	MW4D	10/6/2010	GW	N			N									X	X	X	X														
80018-GW-MW4D-1010	MW4D	10/6/2010	GW	N			T					X	X																				
80018-GW-MW5-1208	MW5	12/18/2008	GW	N			D					X	X																				
80018-GW-MW5-1208	MW5	12/18/2008	GW	N			N								X																		
80018-GW-MW5-1208	MW5	12/18/2008	GW	N			T					X	X																				
80018-GW-MW5-0309	MW5	3/6/2009	GW	N			D					X	X																				
80018-GW-MW5-0309	MW5	3/6/2009	GW	N			N								X																		
80018-GW-MW5-0309	MW5	3/6/2009	GW	N			T					X	X																				
80018-GW-MW5-0309RS	MW5	3/23/2009	GW	N			N								X																		
80018-GW-MW5-0609	MW5	6/18/2009	GW	N			D					X	X																				
80018-GW-MW5-0609	MW5	6/18/2009	GW	N			N								X																		
80018-GW-MW5-0609	MW5	6/18/2009	GW	N			T					X	X																				
80018-GW-MW5-0909	MW5	9/3/2009	GW	N			D					X	X																				
80018-GW-MW5-0909	MW5	9/3/2009	GW	N			N									X	X	X	X														
80018-GW-MW5-0909	MW5	9/3/2009	GW	N			T					X	X																				
80018-GW-MW5-1209	MW5	12/1/2009	GW	N			D					X	X																				
80018-GW-MW5-1209	MW5	12/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW5-1209	MW5	12/1/2009	GW	N			T					X	X																				
80018-GW-MW5-0310	MW5	3/11/2010	GW	N			D					X	X																				
80018-GW-MW5-0310	MW5	3/11/2010	GW	N			N									X	X	X	X														
80018-GW-MW5-0310	MW5	3/11/2010	GW	N			T					X	X																				
80018-GW-MW5-0610	MW5	6/24/2010	GW	N			D					X	X																				
80018-GW-MW5-0610	MW5	6/24/2010	GW	N			N									X	X	X	X														
80018-GW-MW5-0610	MW5	6/24/2010	GW	N			T					X	X																				
80018-GW-MW5-1010	MW5	10/7/2010	GW	N			D					X	X																				
80018-GW-MW5-1010	MW5	10/7/2010	GW	N			N									X	X	X	X														
80018-GW-MW5-1010	MW5	10/7/2010	GW	N			T					X	X																				
80018-GW-MW6S-1208	MW6	12/17/2008	GW	N			D					X	X																				
80018-GW-MW6S-1208	MW6	12/17/2008	GW	N			N								X																		
80018-GW-MW6S-1208	MW6	12/17/2008	GW	N			T					X	X																				
80018-GW-MW6S-0309	MW6	3/4/2009	GW	N			D					X	X																				
80018-GW-MW6S-0309	MW6	3/4/2009	GW	N			N								X																		
80018-GW-MW6S-0309	MW6	3/4/2009	GW	N			T					X	X																				
80018-GW-DUP109-0309	MW6	3/4/2009	GW	FD			D					X	X																				
80018-GW-DUP109-0309	MW6	3/4/2009	GW	FD			N								X																		
80018-GW-DUP109-0309	MW6	3/4/2009	GW	FD			T					X	X																				
80018-GW-MW6S-0609	MW6	6/16/2009	GW	N			D					X	X																				
80018-GW-MW6S-0609	MW6	6/16/2009	GW	N			N								X																		
80018-GW-MW6S-0609	MW6	6/16/2009	GW	N			T					X	X																				
80018-GW-DUP109-0609	MW6	6/16/2009	GW	FD			D					X	X																				
80018-GW-DUP109-0609	MW6	6/16/2009	GW	FD			N								X																		
80018-GW-DUP109-0609	MW6	6/16/2009	GW	FD			T					X	X																				
80018-GW-MW6S-0909	MW6	9/2/2009	GW	N			D					X	X																				
80018-GW-MW6S-0909	MW6	9/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW6S-0909	MW6	9/2/2009	GW	N			T					X	X				X																
80018-GW-MW6S-1209	MW6	12/2/2009	GW	N			D					X	X																				
80018-GW-MW6S-1209	MW6	12/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW6S-1209	MW6	12/2/2009	GW	N			T					X	X																				
80018-GW-MW6S-0310	MW6	3/11/2010	GW	N			D					X	X																				
80018-GW-MW6S-0310	MW6	3/11/2010	GW	N			N									X	X	X	X														
80018-GW-MW6S-0310	MW6	3/11/2010	GW	N			T					X	X																				
80018-GW-MW6S-0610	MW6	6/22/2010	GW	N			D					X	X																				
80018-GW-MW6S-0610	MW6	6/22/2010	GW	N			N									X	X	X	X														
80018-GW-MW6S-0610	MW6	6/22/2010	GW	N			T					X	X																				
80018-GW-MW6S-1010	MW6	10/5/2010	GW	N			D					X	X																				
80018-GW-MW6S-1010	MW6	10/5/2010	GW	N			N									X	X	X	X														

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-GW-MW6S-1010	MW6	10/5/2010	GW	N			T					X	X																				
80018-GW-MW6D-1208	MW6D	12/18/2008	GW	N			D					X	X																				
80018-GW-MW6D-1208	MW6D	12/18/2008	GW	N			N								X																		
80018-GW-MW6D-1208	MW6D	12/18/2008	GW	N			T					X	X																				
80018-GW-MW6D-0309	MW6D	3/3/2009	GW	N			D					X	X																				
80018-GW-MW6D-0309	MW6D	3/3/2009	GW	N			N								X																		
80018-GW-MW6D-0309	MW6D	3/3/2009	GW	N			T					X	X																				
80018-GW-MW6D-0609	MW6D	6/16/2009	GW	N			D					X	X																				
80018-GW-MW6D-0609	MW6D	6/16/2009	GW	N			N								X																		
80018-GW-MW6D-0609	MW6D	6/16/2009	GW	N			T					X	X																				
80018-GW-MW6D-0909	MW6D	9/2/2009	GW	N			D					X	X																				
80018-GW-MW6D-0909	MW6D	9/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW6D-0909	MW6D	9/2/2009	GW	N			T					X	X																				
80018-GW-MW6D-1209	MW6D	12/2/2009	GW	N			D					X	X																				
80018-GW-MW6D-1209	MW6D	12/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW6D-1209	MW6D	12/2/2009	GW	N			T					X	X																				
80018-GW-DUP02-1209	MW6D	12/2/2009	GW	FD			D					X	X																				
80018-GW-DUP02-1209	MW6D	12/2/2009	GW	FD			N									X	X	X	X														
80018-GW-DUP02-1209	MW6D	12/2/2009	GW	FD			T					X	X																				
80018-GW-MW6D-0310	MW6D	3/11/2010	GW	N			D					X	X																				
80018-GW-MW6D-0310	MW6D	3/11/2010	GW	N			N									X	X	X	X														
80018-GW-MW6D-0310	MW6D	3/11/2010	GW	N			T					X	X																				
80018-GW-DUP02-0310	MW6D	3/11/2010	GW	FD			D					X	X																				
80018-GW-DUP02-0310	MW6D	3/11/2010	GW	FD			N									X	X	X	X														
80018-GW-DUP02-0310	MW6D	3/11/2010	GW	FD			T					X	X																				
80018-GW-MW6D-0610	MW6D	6/22/2010	GW	N			D					X	X																				
80018-GW-MW6D-0610	MW6D	6/22/2010	GW	N			N									X	X	X	X														
80018-GW-MW6D-0610	MW6D	6/22/2010	GW	N			T					X	X																				
80018-GW-DUP02-0610	MW6D	6/22/2010	GW	FD			D					X	X																				
80018-GW-DUP02-0610	MW6D	6/22/2010	GW	FD			N									X	X	X	X														
80018-GW-DUP02-0610	MW6D	6/22/2010	GW	FD			T					X	X																				
80018-GW-MW6D-1010	MW6D	10/5/2010	GW	N			D					X	X																				
80018-GW-MW6D-1010	MW6D	10/5/2010	GW	N			N									X	X	X	X														
80018-GW-MW6D-1010	MW6D	10/5/2010	GW	N			T					X	X																				
80018-GW-DUP01-1010	MW6D	10/5/2010	GW	FD			D					X	X																				
80018-GW-DUP01-1010	MW6D	10/5/2010	GW	FD			N									X	X	X	X														
80018-GW-DUP01-1010	MW6D	10/5/2010	GW	FD			T					X	X																				
80018-GW-MW7D-1208	MW7D	12/15/2008	GW	N			D					X	X																				
80018-GW-MW7D-1208	MW7D	12/15/2008	GW	N			N								X																		
80018-GW-MW7D-1208	MW7D	12/15/2008	GW	N			T					X	X																				
80018-GW-MW7D-0309	MW7D	3/5/2009	GW	N			D					X	X																				
80018-GW-MW7D-0309	MW7D	3/5/2009	GW	N			N								X																		
80018-GW-MW7D-0309	MW7D	3/5/2009	GW	N			T					X	X																				
80018-GW-MW7D-0609	MW7D	6/17/2009	GW	N			D					X	X																				
80018-GW-MW7D-0609	MW7D	6/17/2009	GW	N			N								X																		
80018-GW-MW7D-0609	MW7D	6/17/2009	GW	N			T					X	X																				
80018-GW-MW7D-0909	MW7D	9/1/2009	GW	N			D					X	X																				
80018-GW-MW7D-0909	MW7D	9/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW7D-0909	MW7D	9/1/2009	GW	N			T					X	X																				
80018-GW-MW7D-1209	MW7D	12/1/2009	GW	N			D					X	X																				
80018-GW-MW7D-1209	MW7D	12/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW7D-1209	MW7D	12/1/2009	GW	N			T					X	X																				
80018-GW-MW7D-0310	MW7D	3/10/2010	GW	N			D					X	X																				
80018-GW-MW7D-0310	MW7D	3/10/2010	GW	N			N									X	X	X	X														
80018-GW-MW7D-0310	MW7D	3/10/2010	GW	N			T					X	X																				
80018-GW-MW7D-0610	MW7D	6/24/2010	GW	N			D					X	X																				
80018-GW-MW7D-0610	MW7D	6/24/2010	GW	N			N									X	X	X	X														
80018-GW-MW7D-0610	MW7D	6/24/2010	GW	N			T					X	X																				
80018-GW-MW7D-1010	MW7D	10/5/2010	GW	N			D					X	X																				
80018-GW-MW7D-1010	MW7D	10/5/2010	GW	N			N									X	X	X	X														
80018-GW-MW7D-1010	MW7D	10/5/2010	GW	N			T					X	X																				
80018-GW-MW7S-1208	MW7S	12/16/2008	GW	N			D					X	X																				
80018-GW-MW7S-1208	MW7S	12/16/2008	GW	N			N								X																		
80018-GW-MW7S-1208	MW7S	12/16/2008	GW	N			T					X	X																				

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-GW-MW7S-0309	MW7S	3/5/2009	GW	N			D					X	X																				
80018-GW-MW7S-0309	MW7S	3/5/2009	GW	N			N								X																		
80018-GW-MW7S-0309	MW7S	3/5/2009	GW	N			T					X	X																				
80018-GW-MW7S-0309RS	MW7S	3/24/2009	GW	N			N								X																		
80018-GW-MW7S-0609	MW7S	6/17/2009	GW	N			D					X	X																				
80018-GW-MW7S-0609	MW7S	6/17/2009	GW	N			N								X																		
80018-GW-MW7S-0609	MW7S	6/17/2009	GW	N			T					X	X																				
80018-GW-MW7S-0809	MW7S	8/31/2009	GW	N			D					X	X																				
80018-GW-MW7S-0809	MW7S	8/31/2009	GW	N			N									X	X	X	X														
80018-GW-MW7S-0809	MW7S	8/31/2009	GW	N			T					X	X																				
80018-GW-MW7S-1209	MW7S	12/1/2009	GW	N			D					X	X																				
80018-GW-MW7S-1209	MW7S	12/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW7S-1209	MW7S	12/1/2009	GW	N			T					X	X																				
80018-GW-MW7S-0310	MW7S	3/10/2010	GW	N			D					X	X																				
80018-GW-MW7S-0310	MW7S	3/10/2010	GW	N			N									X	X	X	X														
80018-GW-MW7S-0310	MW7S	3/10/2010	GW	N			T					X	X																				
80018-GW-MW7S-0610	MW7S	6/24/2010	GW	N			D					X	X																				
80018-GW-MW7S-0610	MW7S	6/24/2010	GW	N			N									X	X	X	X														
80018-GW-MW7S-0610	MW7S	6/24/2010	GW	N			T					X	X																				
80018-GW-MW7S-1010	MW7S	10/5/2010	GW	N			D					X	X																				
80018-GW-MW7S-1010	MW7S	10/5/2010	GW	N			N									X	X	X	X														
80018-GW-MW7S-1010	MW7S	10/5/2010	GW	N			T					X	X																				
80018-GW-MW8D-1208	MW8D	12/16/2008	GW	N			D					X	X																				
80018-GW-MW8D-1208	MW8D	12/16/2008	GW	N			N								X																		
80018-GW-MW8D-1208	MW8D	12/16/2008	GW	N			T					X	X																				
80018-GW-DUP107-1208	MW8D	12/16/2008	GW	FD			D					X	X																				
80018-GW-DUP107-1208	MW8D	12/16/2008	GW	FD			N								X																		
80018-GW-DUP107-1208	MW8D	12/16/2008	GW	FD			T					X	X																				
80018-GW-MW8D-0309	MW8D	3/6/2009	GW	N			D					X	X																				
80018-GW-MW8D-0309	MW8D	3/6/2009	GW	N			N								X																		
80018-GW-MW8D-0309	MW8D	3/6/2009	GW	N			T					X	X																				
80018-GW-MW8D-0609	MW8D	6/17/2009	GW	N			D					X	X																				
80018-GW-MW8D-0609	MW8D	6/17/2009	GW	N			N								X																		
80018-GW-MW8D-0609	MW8D	6/17/2009	GW	N			T					X	X																				
80018-GW-MW8D-0909	MW8D	9/2/2009	GW	N			D					X	X																				
80018-GW-MW8D-0909	MW8D	9/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW8D-0909	MW8D	9/2/2009	GW	N			T					X	X																				
80018-GW-DUP02-0909	MW8D	9/2/2009	GW	FD			D					X	X																				
80018-GW-DUP02-0909	MW8D	9/2/2009	GW	FD			N									X	X	X	X														
80018-GW-DUP02-0909	MW8D	9/2/2009	GW	FD			T					X	X																				
80018-GW-MW8D-1209	MW8D	12/1/2009	GW	N			D					X	X																				
80018-GW-MW8D-1209	MW8D	12/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW8D-1209	MW8D	12/1/2009	GW	N			T					X	X																				
80018-GW-DUP01-1209	MW8D	12/1/2009	GW	FD			D					X	X																				
80018-GW-DUP01-1209	MW8D	12/1/2009	GW	FD			N									X	X	X	X														
80018-GW-DUP01-1209	MW8D	12/1/2009	GW	FD			T					X	X																				
80018-GW-MW8D-0310	MW8D	3/9/2010	GW	N			D					X	X																				
80018-GW-MW8D-0310	MW8D	3/9/2010	GW	N			N									X	X	X	X														
80018-GW-MW8D-0310	MW8D	3/9/2010	GW	N			T					X	X																				
80018-GW-DUP01-0310	MW8D	3/9/2010	GW	FD			D					X	X																				
80018-GW-DUP01-0310	MW8D	3/9/2010	GW	FD			N									X	X	X	X														
80018-GW-DUP01-0310	MW8D	3/9/2010	GW	FD			T					X	X																				
80018-GW-MW8D-0610	MW8D	6/22/2010	GW	N			D					X	X																				
80018-GW-MW8D-0610	MW8D	6/22/2010	GW	N			N									X	X	X	X														
80018-GW-MW8D-0610	MW8D	6/22/2010	GW	N			T					X	X																				
80018-GW-DUP01-0610	MW8D	6/22/2010	GW	FD			D					X	X																				
80018-GW-DUP01-0610	MW8D	6/22/2010	GW	FD			N									X	X	X	X														
80018-GW-DUP01-0610	MW8D	6/22/2010	GW	FD			T					X	X																				
80018-GW-MW8D-1010	MW8D	10/4/2010	GW	N			D					X	X																				
80018-GW-MW8D-1010	MW8D	10/4/2010	GW	N			N									X	X	X	X														
80018-GW-MW8D-1010	MW8D	10/4/2010	GW	N			T					X	X																				
80018-GW-MW8S-1208	MW8S	12/17/2008	GW	N			D					X	X																				
80018-GW-MW8S-1208	MW8S	12/17/2008	GW	N			N								X																		
80018-GW-MW8S-1208	MW8S	12/17/2008	GW	N			T					X	X																				

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-GW-MW8S-0309	MW8S	3/6/2009	GW	N			D					X	X																				
80018-GW-MW8S-0309	MW8S	3/6/2009	GW	N			N								X																		
80018-GW-MW8S-0309	MW8S	3/6/2009	GW	N			T					X	X																				
80018-GW-MW8S-0309RS	MW8S	3/23/2009	GW	N			N								X																		
80018-GW-MW8S-0609	MW8S	6/17/2009	GW	N			D					X	X																				
80018-GW-MW8S-0609	MW8S	6/17/2009	GW	N			N								X																		
80018-GW-MW8S-0609	MW8S	6/17/2009	GW	N			T					X	X																				
80018-GW-MW8S-0909	MW8S	9/2/2009	GW	N			D					X	X																				
80018-GW-MW8S-0909	MW8S	9/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW8S-0909	MW8S	9/2/2009	GW	N			T					X	X																				
80018-GW-MW8S-1209	MW8S	12/1/2009	GW	N			D					X	X																				
80018-GW-MW8S-1209	MW8S	12/1/2009	GW	N			N									X	X	X	X														
80018-GW-MW8S-1209	MW8S	12/1/2009	GW	N			T					X	X																				
80018-GW-MW8S-0310	MW8S	3/9/2010	GW	N			D					X	X																				
80018-GW-MW8S-0310	MW8S	3/9/2010	GW	N			N									X	X	X	X														
80018-GW-MW8S-0310	MW8S	3/9/2010	GW	N			T					X	X																				
80018-GW-MW8S-0610	MW8S	6/22/2010	GW	N			D					X	X																				
80018-GW-MW8S-0610	MW8S	6/22/2010	GW	N			N									X	X	X	X														
80018-GW-MW8S-0610	MW8S	6/22/2010	GW	N			T					X	X																				
80018-GW-MW8S-1010	MW8S	10/4/2010	GW	N			D					X	X																				
80018-GW-MW8S-1010	MW8S	10/4/2010	GW	N			N									X	X	X	X														
80018-GW-MW8S-1010	MW8S	10/4/2010	GW	N			T					X	X																				
80018-GW-MW9D-1208	MW9D	12/15/2008	GW	N			D					X	X																				
80018-GW-MW9D-1208	MW9D	12/15/2008	GW	N			N								X																		
80018-GW-MW9D-1208	MW9D	12/15/2008	GW	N			T					X	X																				
80018-GW-MW9D-0309	MW9D	3/5/2009	GW	N			D					X	X																				
80018-GW-MW9D-0309	MW9D	3/5/2009	GW	N			N								X																		
80018-GW-MW9D-0309	MW9D	3/5/2009	GW	N			T					X	X																				
80018-GW-MW9D-0609	MW9D	6/17/2009	GW	N			D					X	X																				
80018-GW-MW9D-0609	MW9D	6/17/2009	GW	N			N								X																		
80018-GW-MW9D-0609	MW9D	6/17/2009	GW	N			T					X	X																				
80018-GW-MW9D-0909	MW9D	9/2/2009	GW	N			D					X	X																				
80018-GW-MW9D-0909	MW9D	9/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW9D-0909	MW9D	9/2/2009	GW	N			T					X	X				X																
80018-GW-MW9D-1209	MW9D	12/3/2009	GW	N			D					X	X																				
80018-GW-MW9D-1209	MW9D	12/3/2009	GW	N			N									X	X	X	X														
80018-GW-MW9D-1209	MW9D	12/3/2009	GW	N			T					X	X																				
80018-GW-MW9D-0310	MW9D	3/10/2010	GW	N			D					X	X																				
80018-GW-MW9D-0310	MW9D	3/10/2010	GW	N			N									X	X	X	X														
80018-GW-MW9D-0310	MW9D	3/10/2010	GW	N			T					X	X																				
80018-GW-MW9D-0610	MW9D	6/23/2010	GW	N			D					X	X																				
80018-GW-MW9D-0610	MW9D	6/23/2010	GW	N			N									X	X	X	X														
80018-GW-MW9D-0610	MW9D	6/23/2010	GW	N			T					X	X																				
80018-GW-MW9D-1010	MW9D	10/5/2010	GW	N			D					X	X																				
80018-GW-MW9D-1010	MW9D	10/5/2010	GW	N			N									X	X	X	X														
80018-GW-MW9D-1010	MW9D	10/5/2010	GW	N			T					X	X																				
80018-GW-MW9S-1208	MW9S	12/15/2008	GW	N			D					X	X																				
80018-GW-MW9S-1208	MW9S	12/15/2008	GW	N			N								X																		
80018-GW-MW9S-1208	MW9S	12/15/2008	GW	N			T					X	X																				
80018-GW-MW9S-0309	MW9S	3/5/2009	GW	N			D					X	X																				
80018-GW-MW9S-0309	MW9S	3/5/2009	GW	N			N								X																		
80018-GW-MW9S-0309	MW9S	3/5/2009	GW	N			T					X	X																				
80018-GW-MW9S-0309RS	MW9S	3/23/2009	GW	N			N								X																		
80018-GW-MW9S-0609	MW9S	6/17/2009	GW	N			D					X	X																				
80018-GW-MW9S-0609	MW9S	6/17/2009	GW	N			N								X																		
80018-GW-MW9S-0609	MW9S	6/17/2009	GW	N			T					X	X																				
80018-GW-MW9S-0909	MW9S	9/2/2009	GW	N			D					X	X																				
80018-GW-MW9S-0909	MW9S	9/2/2009	GW	N			N									X	X	X	X														
80018-GW-MW9S-0909	MW9S	9/2/2009	GW	N			T					X	X				X																
80018-GW-MW9S-1209	MW9S	12/3/2009	GW	N			D					X	X																				
80018-GW-MW9S-1209	MW9S	12/3/2009	GW	N			N									X	X	X	X														
80018-GW-MW9S-1209	MW9S	12/3/2009	GW	N			T					X	X																				
80018-GW-MW9S-0310	MW9S	3/11/2010	GW	N			D					X	X																				
80018-GW-MW9S-0310	MW9S	3/11/2010	GW	N			N									X	X	X	X														

Table 2-2
RI Phase III Sample Collection Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample ID	Sample Location	Sample Date	Matrix	Sample Type	Start Depth	End Depth	Fraction	6010B	6010C-SPLP	7196A	7470A-SPLP	ILM05.4-AES	ILM05.4-MS	LLOYD-KAHN TOC	SOM01.2	SOM01.2-ARO	SOM01.2-BNA	SOM01.2-PEST	SOM01.2-VOA	SOM01.2-VOA (TRACE)	SW8081	SW8082	SW8290	WBLACK	ISM01.2-AES	ISM01.2-AES (SPLP)	SOM01.2-ARO (SPLP)	SOM01.2-BNA (SIM)-SPLP	SOM01.2-BNA (SPLP)	SOM01.2-PEST (SPLP)	SOM01.2-TVOA (SPLP)	SW6020	SW7199
80018-GW-MW9S-0310	MW9S	3/11/2010	GW	N			T					X	X																				
80018-GW-MW9S-0610	MW9S	6/23/2010	GW	N			D					X	X																				
80018-GW-MW9S-0610	MW9S	6/23/2010	GW	N			N									X	X	X	X														
80018-GW-MW9S-0610	MW9S	6/23/2010	GW	N			T					X	X																				
80018-GW-MW9S-1010	MW9S	10/5/2010	GW	N			D					X	X																				
80018-GW-MW9S-1010	MW9S	10/5/2010	GW	N			N									X	X	X	X														
80018-GW-MW9S-1010	MW9S	10/5/2010	GW	N			T					X	X																				
80018-OP1-13-01	OP1	8/10/2010	GW	N		16	N													X													
80018-OP2-11-01	OP2	8/13/2010	GW	N		11	N													X													
80018-OP2-14-02	OP2	8/13/2010	GW	N		14	N													X													
80018-OP3-15-01	OP3	8/13/2010	GW	N		15	N													X													
80018-OP4-11-01	OP4	8/13/2010	GW	N		11	N													X													
80018-OP4-14-02	OP4	8/13/2010	GW	N		14	N													X													
80018-OP6-11-01	OP6	8/12/2010	GW	N		11	N													X													
80018-OP6-14-02	OP6	8/12/2010	GW	N		14	N													X													
80018-OP9-12-01	OP9	8/12/2010	GW	N		12	N													X													
80018-P1-16-02	P1	8/10/2010	GW	N		16	N													X													
80018-P1-13-01	P1	8/10/2010	GW	N		13	N													X													
80018-P10-11-01	P10	8/12/2010	GW	N		11	N													X													
80018-P12-1112-01	P12	11/8/2010	GW	N	11	12	N												X														
80018-P12-1617-02	P12	11/8/2010	GW	N	16	17	N												X														
80018-P15-1213-01	P15	11/10/2010	GW	N	12	13	N												X														
80018-P15-1718-02	P15	11/10/2010	GW	N	17	18	N												X														
80018-P18A-1112-01	P18	11/9/2010	GW	N	11	12	N												X														
80018-P18-1617-02	P18	11/8/2010	GW	N	16	17	N												X														
80018-P19-1213-01	P19	11/10/2010	GW	N	12	13	N												X														
80018-P19-1718-02	P19	11/10/2010	GW	N	17	18	N												X														
80018-P2-13-01	P2	8/10/2010	GW	N		13	N													X													
80018-P2-16-02	P2	8/10/2010	GW	N		16	N													X													
80018-P20-1213-01	P20	11/9/2010	GW	N	12	13	N												X														
80018-P20-1718-02	P20	11/9/2010	GW	N	17	18	N												X														
80018-P21-1213-01	P21	11/9/2010	GW	N	12	13	N												X														
80018-P21A-1718-02	P21	11/10/2010	GW	N	17	18	N												X														
80018-P27-1213-01	P27	11/10/2010	GW	N	12	13	N												X														
80018-P27-1718-02	P27	11/10/2010	GW	N	17	18	N												X														
80018-P3-13-01	P3	8/10/2010	GW	N		13	N													X													
80018-P3-16-02	P3	8/10/2010	GW	N		16	N													X													
80018-P36-1213-01	P36	11/11/2010	GW	N	12	13	N												X														
80018-P36-1718-02	P36	11/11/2010	GW	N	17	18	N												X														
80018-P39-1213-01	P39	11/12/2010	GW	N	12	13	N												X														
80018-P39-1718-02	P39	11/12/2010	GW	N	17	18	N												X														
80018-P4-21-01	P4	8/9/2010	GW	N		21	N													X													
80018-P4-15-02	P4	8/10/2010	GW	N		15	N													X													
80018-P40-1213-01	P40	11/12/2010	GW	N	12	13	N												X														
80018-P40-1718-02	P40	11/12/2010	GW	N	17	18	N												X														
80018-P6-14-01	P6	8/11/2010	GW	N		14	N													X													
80018-P7-14-01	P7	8/11/2010	GW	N		14	N													X													
80018-P7-17-02	P7	8/11/2010	GW	N		17	N													X													
80018-DUP-01-01	P7	8/11/2010	GW	FD		17	N													X													
80018-P9-11-01	P9	8/12/2010	GW	N		11	N													X													

Table 2-3
Monitoring Well Construction Details
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Well ID	Northing (ft)	Easting (ft)	Elevation Ground (ft msl)	Elevation Casing (ft msl)	Elevation PVC (ft msl)	Installation Date	Top of Screen (ft) bgs	Bottom of Screen (ft) bgs	Screen Length (ft)	Details	
MW1	763048.8208	928273.3390	443.23	443.22	442.66	16-Jul-04	3	13	10	Flush mounted	9/16" Bolt Size
MW2	763123.0507	928646.6403	437.82	437.79	437.42	30-Oct-08	5	15	10	Flush mounted	1/2" Bolt Size
MW3S	762368.2250	928548.6123	438.75	441.74	441.18	28-May-04	7	17	10	Standpipe	padlock
MW3D	762368.6950	928543.1038	438.55	441.51	440.95	28-May-04	46	51	5	Standpipe	padlock
MW3B	762372.2318	928546.5788	438.63	442.11	NA	21-Nov-08	55	70	15	Standpipe	padlock
MW4S	761895.2773	928865.8962	441.76	441.70	441.34	21-May-04	8	18	10	Flush mounted	5-star well key
MW4D	761900.3262	928865.9037	441.67	441.68	441.47	20-May-04	40	45	5	Flush mounted	1/2" Bolt Size
MW5	761515.2361	928735.3121	439.08	439.11	438.68	28-May-04	7	17	10	Flush mounted	1/2" Bolt Size
MW6S	761536.4808	928364.0298	433.78	433.81	433.22	28-May-04	8	18	10	Flush mounted	1/2" Bolt Size
MW6D	761532.5291	928364.4939	433.70	433.69	433.26	28-May-04	46	51	5	Flush mounted	1/2" Bolt Size
MW7S	761718.1696	928674.2368	437.89	437.94	437.48	28-Oct-08	8	18	10	Flush mounted	9/16" Bolt Size
MW7D	761721.4344	928673.9779	437.87	437.90	437.67	17-Nov-08	71	81	10	Flush mounted	9/16" Bolt Size
MW8S	761797.7394	928973.1174	443.04	443.04	442.75	07-Nov-08	10	20	10	Flush mounted	9/16" Bolt Size
MW8D	761796.6115	928969.9735	442.94	442.96	442.35	12-Nov-08	39	49	10	Flush mounted	9/16" Bolt Size
MW9S	761904.1147	928437.4539	437.40	437.39	437.10	31-Oct-08	5	15	10	Flush mounted	9/16" Bolt Size
MW9D	761905.6640	928440.2108	437.30	437.34	437.16	13-Nov-08	24	29	5	Flush mounted	9/16" Bolt Size
MW10	762055.8493	928668.2013	439.53	439.52	439.14	03-Nov-08	7	17	10	Flush mounted	9/16" Bolt Size
MW11S	762166.5580	928394.8539	439.89	439.89	439.50	04-Nov-08	8	18	10	Flush mounted	9/16" Bolt Size
MW11D	762164.4286	928395.5508	439.91	439.97	439.71	05-Nov-08	27	37	10	Flush mounted	9/16" Bolt Size
MW12S	762210.3247	928686.3142	441.32	441.32	441.02	24-Oct-08	6	16	10	Flush mounted	9/16" Bolt Size
MW12D	762172.9425	928690.6679	441.20	441.27	441.11	20-Nov-08	53	63	10	Flush mounted	9/16" Bolt Size
MW13	762789.8199	928801.2207	452.21	452.25	452.10	18-Nov-08	15	25	10	Flush mounted	9/16" Bolt Size
PZ1	761980.3906	929130.0027	444.60	444.64	444.23	19-May-04	10	20	10	Flush mounted	1/2" Bolt Size

Notes:
ft = feet
Northing/Easting = Connecticut State Plane Coordinates, NAD83.
ft msl = feet mean sea level
bgs = below ground surface
MW3B has no screen and is 15 foot long open core hole in bedrock.

Table 2-4
Summary of Groundwater Gauging and Elevations
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

WELL ID	06/09/04	06/03/08	12/10/08	03/02/09	06/15/09	08/31/09	11/30/09	03/08/10	06/21/10	08/11/10	10/04/10
Shallow Wells - Depth to Groundwater (ft)											
MW1		3.46	3.24	2.87	3.32	3.43	3.28	2.39	3.68	4.19	3.55
MW2			3.08	2.94	2.89	2.85	3.05	2.31	3.18	3.55	3.05
MW3S	8.37	8.12	8.21	7.66	8.71	8.32	8.14	8.21	8.63	9.42	9.45
MW4S	11.61	11.95	12.16	12.46	12.7	12.19	12.47	11.31	12.36	13.42	13.66
MW5	9.81	10.15	10.35	10.5	10.69	10.3	10.45	9.45	10.47	11.4	11.42
MW6S	8.81	8.77	8.72	8.39	9.05	9.07	8.6	7.76	9.22	9.71	9.49
MW7S			8.47	8.89	9.12	8.62	8.91	7.78	5.81	9.81	10
MW8S			13.58	13.84	14.07	13.56	13.84	12.65	13.78	14.8	14.94
MW9S			6.94	8.96	7.04	6.46	6.85	4.95	6.83	8.1	8.38
MW10			9.79	9.66	9.98	9.51	9.81	8.54	9.43	10.6	10.83
MW11S			7.32	6.73	7.59	7.23	7.34	6.46	7.9	9.23	8.98
MW12S			10.57	10.35	10.8	10.37	10.65	9.3	9.65	11.21	11.56
MW13			15	14.01	14.54	14.01	15	13.04	14.61	15.96	15.96
PZ1				13.95	14.23	13.89	14.27	14.28	14.28	13.87	14.02
Deep Wells - Depth to Groundwater (ft)											
MW3D	8.02	8.1	8.41	8.15	8.5	8.27	8.47	8.08	8.6	9.45	9.22
MW4D	11.67	12	12.34	12.35	12.56	12.13	12.45	11.38	12.36	13.35	13.32
MW6D	7.1	7.18	7.15	7.25	7.39	7.21	7.28	6.67	7.5	9.14	7.82
MW7D			9.11	9.19	9.32	8.91	9.2	9.13	9.24	10.18	10.09
MW8D			12.8	12.74	13.05	13.53	12.87	11.68	12.83	13.74	13.77
MW9D			7.81	7.14	7.53	7.2	7.5	6.06	7.59	8.64	8.49
MW11D			8.68	8.32	8.62	8.36	8.62	7.33	9.03	10.15	9.64
MW12D			11.2	11.06	11.25	10.97	11.21	10.03	11.22	12.2	12.02
Bedrock Well - Depth to Groundwater (ft)											
MW3B			7.32	8.15	8.42	8.2	9.44	7.22	8.56	9.45	9.17

WELL ID	06/09/04	06/03/08	12/10/08	03/02/09	06/15/09	08/31/09	11/30/09	03/08/10	06/21/10	08/11/10	10/04/10
Shallow Wells - Groundwater Elevation (ft msl)											
MW1		439.77	439.99	440.36	439.91	439.8	439.95	440.84	439.55	439.04	439.68
MW2			434.74	434.88	434.93	434.97	434.77	435.51	434.64	434.27	434.77
MW3S	430.38	430.63	430.54	431.09	430.04	430.43	430.61	430.54	430.12	429.33	429.3
MW4S	430.15	429.81	429.6	429.3	429.06	429.57	429.29	430.45	429.4	428.34	428.1
MW5	429.27	428.93	428.73	428.58	428.39	428.78	428.63	429.63	428.61	427.68	427.66
MW6S	424.97	425.01	425.06	425.39	424.73	424.71	425.18	426.02	424.56	424.07	424.29
MW7S			429.42	429	428.77	429.27	428.98	430.11	432.08	428.08	427.89
MW8S			429.46	429.2	428.97	429.48	429.2	430.39	429.26	428.24	428.1
MW9S			430.46	428.44	430.36	430.94	430.55	432.45	430.57	429.3	429.02
MW10			429.74	429.87	429.55	430.02	429.72	430.99	430.1	428.93	428.7
MW11S			432.57	433.16	432.3	432.66	432.55	433.43	431.99	430.66	430.91
MW12S			430.75	430.97	430.52	430.95	430.67	432.02	431.67	430.11	429.76
MW13			437.21	438.2	437.67	438.2	437.21	439.17	437.6	436.25	436.25
PZ1				430.65	430.37	430.71	430.33	438.19	430.32	430.73	430.58
Deep Wells - Groundwater Elevation (ft msl)											
MW3D	430.53	430.45	430.14	430.4	430.05	430.28	430.08	430.47	429.95	429.1	429.33
MW4D	430	429.67	429.33	429.32	429.11	429.54	429.22	430.29	429.31	428.32	428.35
MW6D	426.6	426.52	426.55	426.45	426.31	426.49	426.42	427.03	426.2	424.56	425.88
MW7D			428.76	428.68	428.55	428.96	428.67	428.74	428.63	427.69	427.78
MW8D			430.14	430.2	429.89	429.41	430.07	431.26	430.11	429.2	429.17
MW9D			429.49	430.16	429.77	430.1	429.8	431.24	429.71	428.66	428.81
MW11D			431.23	431.59	431.29	431.55	431.29	432.58	430.88	429.76	430.27
MW12D			430	430.14	429.95	430.23	429.99	431.17	429.98	429	429.18
Bedrock Well - Groundwater Elevation (ft msl)											
MW3B			431.31	430.48	430.21	430.43	429.19	431.41	430.07	429.18	-12.65

Notes:

ft msl = feet mean sea level.
ft bgs = feet below ground surface.
S = designates a shallow overburden well.
D = designates a deep overburden well.
B = designates a bedrock well.
No designation indicates a shallow overburden well.

Table 3-1
Groundwater Hydraulic Conductivity
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Conductivity Hvorslev						
Well Name	**Test Type**	**Test 1 (ft/day)**	**Test 2 (ft/day)**	**Test 3 (ft/day)**	**Test 4 (ft/day)**	**Geometric Mean**
Shallow Zone						
MW7S	Falling	3.47				3.47
MW8S	Falling	2.20				2.20
MW10	Falling	1.51				1.51
MW11S	Falling	0.08				0.08
MW12S	Falling	0.01				0.01
MW1	Rising	3.40	1.47			2.24
MW3S	Rising	12.90	15.90	33.20		18.95
MW4S	Rising	32.20	31.40	22.20	30.20	28.69
MW5S	Rising	3.64	3.64			3.64
MW6S	Rising	15.30	15.30	16.10		15.56
MW7S	Rising	3.30	1.61			2.30
MW11S	Rising	0.15				0.15
MW12S	Rising	0.10				0.10
Deep Zone						
MW3D	Falling	7.03	6.70			6.86
MW4D	Falling	1.41	1.95	1.06		1.43
MW6D	Falling	0.48	0.41			0.44
MW11D	Falling	1.95				1.95
MW12D	Falling	4.49				4.49
MW13	Falling	1.53	1.52			1.52
MW3D	Rising	7.72	7.32			7.52
MW4D	Rising	1.33	1.16	1.35		1.28
MW6D	Rising	0.40	0.41			0.40
MW7D	Rising	3.47				3.47
MW9D	Rising	1.67	1.81			1.74
MW12D	Rising	6.38				6.38
Bedrock Zone						
MW3B	Falling	0.10				0.10

Conductivity Bower/Rice						
Well Name	**Test Type**	**Test 1 (ft/day)**	**Test 2 (ft/day)**	**Test 3 (ft/day)**	**Test 4 (ft/day)**	**Geometric Mean**
Shallow Zone						
MW7S	Falling	2.24				2.24
MW8S	Falling	2.24				2.24
MW10	Falling	1.01				1.01
MW11S	Falling	0.06				0.06
MW12S	Falling	0.00				0.00
MW1	Rising	2.51	1.08			1.65
MW3S	Rising	8.79	10.90	22.60		12.94
MW4S	Rising	24.60	23.30	16.50	22.20	21.41
MW5S	Rising	2.50	2.54			2.52
MW6S	Rising	11.40	11.30	12.00		11.56
MW7S	Rising	2.13	1.04			1.49
MW11S	Rising	0.11				0.11
MW12S	Rising	0.10				0.10
Deep Zone						
MW3D	Falling	7.80	7.39			7.59
MW4D	Falling	1.51	2.13	1.14		1.54
MW6D	Falling	0.55	0.46			0.50
MW11D	Falling	1.81				1.81
MW12D	Falling	4.55				4.55
MW13	Falling	1.17	1.17			1.17
MW3D	Rising	8.54	8.14			8.34
MW4D	Rising	1.41	1.22	1.46		1.36
MW6D	Rising	0.45	0.46			0.45
MW7D	Rising	3.66				3.66
MW9D	Rising	1.67	1.82			1.74
MW12D	Rising	6.41				6.41
Bedrock Zone						
MW3B	Falling	0.10				0.10

Table 3-2
Groundwater Vertical Gradients
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

	Vertical Gradients (ft/ft)										
Well ID	**06/09/04**	**06/03/08**	**12/10/08**	**03/02/09**	**06/15/09**	**08/31/09**	**11/30/09**	**03/08/10**	**06/21/10**	**10/04/10**	**Average**
MW3S/MW3D	-0.004	0.005	0.012	0.020	0.000	0.004	0.015	0.002	0.005	-0.001	0.006
MW3D/MW3B			-0.062	-0.004	-0.008	-0.008	0.047	-0.050	-0.006	-0.004	-0.012
MW4S/MW4D	0.006	0.005	0.010	-0.001	-0.002	0.001	0.003	0.006	0.003	-0.009	0.002
MW6S/MW6D	-0.049	-0.046	-0.045	-0.032	-0.048	-0.054	-0.037	-0.031	-0.050	-0.048	-0.044
MW7S/MW7D			0.010	0.005	0.003	0.005	0.005	0.022	0.055	0.002	0.013
MW8S/MW8D			-0.023	-0.034	-0.032	0.002	-0.030	-0.030	-0.029	-0.037	-0.027
MW9S/MW9D			0.069	-0.122	0.042	0.060	0.053	0.086	0.061	0.015	0.033
MW11S/MW11D			0.071	0.083	0.053	0.058	0.066	0.045	0.058	0.034	0.059
MW12S/MW12D			0.016	0.018	0.012	0.015	0.014	0.018	0.036	0.012	0.018

Notes:
ft msl = feet mean sea level.
ft bgs = feet below ground surface.
S = designates a shallow overburden well.
D = designates a deep overburden well.
B = designates a bedrock well.
No designation indicates a shallow overburden well.

Table 4-1A
Residential Surface Soil
VOC Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-SO-PMC-GB		CT-SO-RDEC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,2,3-Trichlorobenzene	87-61-6	µg/Kg	1	1	1 / 19	5%	10/24/2002	SS-027~AA26223~~102402	--		--	
1,2,4-Trichlorobenzene	120-82-1	µg/Kg	1	1	2 / 82	2%	10/24/2002	SS-011~AA26220~~102402	2400	0	116200	0
2-Butanone	78-93-3	µg/Kg	26	2	4 / 82	5%	5/18/2004	S-051804-JR-095	80000	0	500000	0
4-Methyl-2-Pentanone	108-10-1	µg/Kg	4	4	1 / 82	1%	4/27/1999	APJ43	14000	0	500000	0
Acetone	67-64-1	µg/Kg	56	2	18 / 82	22%	5/18/2004	S-051804-JR-095	140000	0	500000	0
Bromomethane	74-83-9	µg/Kg	1	1	1 / 82	1%	10/4/2002	SS-04~AA25699~~100402	100	0	33900	0
Methyl acetate	79-20-9	µg/Kg	110	110	1 / 2	50%	10/16/2008	80018-SS108-0006	--		--	
Methyl Tert-Butyl Ether	1634-04-4	µg/Kg	9	4	17 / 20	85%	10/31/2002	SS-09~AA26569~~103102	20000	0	500000	0
Methylene Chloride	75-09-2	µg/Kg	78	78	1 / 82	1%	4/26/1999	APJ81	1000	0	82000	0
Tetrachloroethene	127-18-4	µg/Kg	390	2	5 / 82	6%	10/16/2008	80018-SS109-0006	1000	0	12000	0
Toluene	108-88-3	µg/Kg	4	0.5	10 / 82	12%	4/27/1999	APJ43	67000	0	500000	0
Trichloroethene	79-01-6	µg/Kg	2	2	2 / 82	2%	4/26/1999	APJ81	1000	0	56000	0

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-1B
Residential Surface Soil - SVOC Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-PMC-GB		CT-SO-RDEC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,1'-Biphenyl	92-52-4	µg/Kg	87	12	3 / 24	13%	10/8/2002	SS-014~S2101414.D~~100802	--		--	
2-Methylnaphthalene	91-57-6	µg/Kg	760	29	14 / 88	16%	4/26/1999	APJ86	9800	0	474000	0
2-Methylphenol	95-48-7	µg/Kg	48	48	1 / 88	1%	4/26/1999	APJ86	70000	0	1000000	0
4-Chloro-3-Methylphenol	59-50-7	µg/Kg	43	43	1 / 88	1%	4/27/1999	APJ45	--		--	
4-Methylphenol	106-44-5	µg/Kg	170	49	2 / 88	2%	4/26/1999	APJ86	111000	0	203200	0
Acenaphthene	83-32-9	µg/Kg	1300	18	27 / 88	31%	4/26/1999	APJ86	30000	0	1000000	0
Acenaphthylene	208-96-8	µg/Kg	370	16	35 / 88	40%	10/8/2002	SS-014~S2101414.D~~100802	84000	0	1000000	0
Acetophenone	98-86-2	µg/Kg	160	12	15 / 26	58%	10/23/2002	SB16-00-01~A0SE5-4A70~~102302	--		--	
Anthracene	120-12-7	µg/Kg	3200	12	55 / 88	63%	4/26/1999	APJ86	400000	0	1000000	0
Benzaldehyde	100-52-7	µg/Kg	360	21	8 / 26	31%	10/31/2002	KSS-021~A0RG2-2A70 ~FDOFA0RH3~103102	--		--	
Benzo(A)Anthracene	56-55-3	µg/Kg	6200	30	81 / 88	92%	4/26/1999	APJ86	1000	**19**	1000	**19**
Benzo(A)Pyrene	50-32-8	µg/Kg	4100	21	79 / 88	90%	10/8/2002	SS-014~S2101414.D~~100802	1000	**12**	1000	**12**
Benzo(B)Fluoranthene	205-99-2	µg/Kg	5100	29	82 / 88	93%	10/8/2002	SS-014~S2101414.D~~100802	1000	**19**	1000	**19**
Benzo(G,H,I)Perylene	191-24-2	µg/Kg	3000	31	77 / 88	88%	10/8/2002	SS-014~S2101414.D~~100802	29600	0	1000000	0
Benzo(K)Fluoranthene	207-08-9	µg/Kg	4400	32	80 / 88	91%	4/27/1999	APJ39	1000	**15**	8400	0
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/Kg	11000	33	49 / 88	56%	4/26/1999	APK05	11000	**1**	44000	0
Butylbenzylphthalate	85-68-7	µg/Kg	320	11	15 / 88	17%	10/8/2002	SS-014~S2101414.D~~100802	200000	0	1000000	0
Caprolactam	105-60-2	µg/Kg	64	17	2 / 26	8%	10/4/2002	SS-04~AD734~FDOFA0RK2 ~100402	--		--	
Carbazole	86-74-8	µg/Kg	2000	16	45 / 88	51%	4/26/1999	APJ86	10600	**2**	3300	0
Chrysene	218-01-9	µg/Kg	6100	29	82 / 88	93%	4/26/1999	APJ86	9400	**23**	84000	0
Dibenz(A,H)Anthracene	53-70-3	µg/Kg	1400	22	61 / 88	69%	10/8/2002	SS-014~S2101414.D~~100802	1000	**2**	1000	**2**
Dibenzofuran	132-64-9	µg/Kg	1300	10	28 / 88	32%	4/26/1999	APJ86	8000	0	270000	0
Diethylphthalate	84-66-2	µg/Kg	22	22	1 / 88	1%	10/8/2002	SS-05~S2101408.D~~100802	440000	0	1000000	0
Dimethylphthalate	131-11-3	µg/Kg	380	32	3 / 88	3%	10/16/2008	80018-SS109-0006	620000	0	1000000	0
Di-N-Butyl Phthalate	84-74-2	µg/Kg	150	16	16 / 88	18%	10/8/2002	SS-014~S2101414.D~~100802	140000	0	1000000	0
Di-N-Octyl Phthalate	117-84-0	µg/Kg	1200	30	12 / 88	14%	4/27/1999	APJ33	20000	0	1000000	0
Fluoranthene	206-44-0	µg/Kg	12000	56	85 / 88	97%	4/26/1999	APJ86	56000	0	1000000	0
Fluorene	86-73-7	µg/Kg	1800	22	33 / 88	38%	4/26/1999	APJ86	56000	0	1000000	0

Table 4-1B
Residential Surface Soil - SVOC Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	**CT-SO-PMC-GB**	**CT-SO-RDEC**	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Indeno(1,2,3-Cd)Pyrene	193-39-5	µg/Kg	2900	22	78 / 88	89%	10/8/2002	SS-014~S2101414.D~~100802	3000	0	1000	**9**
Naphthalene	91-20-3	µg/Kg	1000	1	20 / 105	19%	4/26/1999	APJ86	56000	0	1000000	0
Phenanthrene	85-01-8	µg/Kg	14000	21	82 / 88	93%	4/26/1999	APJ86	40000	0	1000000	0
Phenol	108-95-2	µg/Kg	68	68	1 / 88	1%	4/26/1999	APJ86	800000	0	1000000	0
Pyrene	129-00-0	µg/Kg	12000	36	85 / 88	97%	4/26/1999	APJ86	40000	0	1000000	0
Toxic Equivalent -Carcinogenic PAHs	PAH-TEQ	µg/Kg	6774.7	10	82 / 88	93%	10/8/2002	SS-014~S2101414.D~~100802	1000	**21**	1000	**21**

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-1C
Residential Surface Soil
Pesticide Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-PMC-GB		CT-SO-RDEC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**		**Action Level**	**# Exceedances**
4,4'-DDD	72-54-8	µg/Kg	350	0.43	20 / 86	23%	10/8/2002	SS-014~50959.06DL~~100802	--			1700	0
4,4'-DDE	72-55-9	µg/Kg	1000	0.46	44 / 83	53%	10/8/2002	SS-014~50959.06DL~~100802	--			1200	0
4,4'-DDT	50-29-3	µg/Kg	1300	0.72	48 / 80	60%	10/8/2002	SS-014~50959.06DL~~100802	--			1200	0
Alpha-BHC	319-84-6	µg/Kg	1.4	0.3	2 / 86	2%	10/16/2008	80018-SS109-0006	--			70	0
Alpha-Chordane	5103-71-9	µg/Kg	160	1	20 / 80	25%	4/26/1999	APJ99	66	**5**		490	0
Delta-BHC	319-86-8	µg/Kg	3.9	3.9	1 / 86	1%	4/26/1999	APK05	--			200	0
Dieldrin	60-57-1	µg/Kg	44	0.37	19 / 86	22%	10/8/2002	SS-014~50959.06DL~~100802	7	**3**		38	**1**
Endosulfan I	959-98-8	µg/Kg	0.83	0.65	2 / 85	2%	10/24/2002	SS-020~A0RG4-4~FDOFA0RG9~102402	8400	0		410000	0
Endosulfan II	33213-65-9	µg/Kg	4.5	0.58	3 / 86	3%	4/26/1999	APJ66	8400	0		410000	0
Endosulfan Sulfate	1031-07-8	µg/Kg	49	1.2	24 / 83	29%	4/26/1999	APJ80	8400	0		13600	0
Endrin	72-20-8	µg/Kg	20	2.9	3 / 86	3%	4/26/1999	APJ82	--			20000	0
Endrin Aldehyde	7421-93-4	µg/Kg	23	0.72	17 / 86	20%	4/26/1999	APJ85	--			20300	0
Endrin Ketone	53494-70-5	µg/Kg	18	0.65	17 / 82	21%	10/31/2002	KSS-021~A0RG2-15~FDOFA0RH3~103102	--			20300	0
Gamma-Chlordane	5103-74-2	µg/Kg	110	0.47	19 / 78	24%	4/26/1999	APK00	66	**2**		490	0
Heptachlor	76-44-8	µg/Kg	3.9	0.25	5 / 86	6%	4/26/1999	APK05	13	0		140	0
Heptachlor Epoxide	1024-57-3	µg/Kg	46	0.22	26 / 86	30%	4/26/1999	APJ99	20	**2**		67	0
Methoxychlor	72-43-5	µg/Kg	54	2.1	13 / 85	15%	4/27/1999	APJ41	8000	0		340000	0

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-1D
Residential Surface Soil
PCBs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-SO-PMC-GB		CT-SO-RDEC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Aroclor 1254	11097-69-1	µg/Kg	19000	22	14 / 88	16%	4/26/1999	APJ77	--		--	
Aroclor 1260	11096-82-5	µg/Kg	1400	21	7 / 88	8%	4/26/1999	APJ86	--		--	
Polychlorinated Biphenyls	1336-36-3	µg/Kg	19000	21	19 / 88	22%	4/26/1999	APJ77	--		1000	**2**

Notes:

Total PCBs were calculated by summing positive detections in each sample.

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B (not applicable to total soil concentrations)

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-1E
Residential Surface Soil - Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-RDEC-STND		CTDEP-SO-PMC-GB-P	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedance**	**Action Level**	**# Exceedance**
Aluminum	7429-90-5	mg/Kg	8240	3200	16400	2840	90 / 90	100%	SS17	--		8.7	**90**
Antimony	7440-36-0	mg/Kg	2.22	1.2	3.6	0.981	5 / 90	6%	SS21	27	0	--	
Arsenic	7440-38-2	mg/Kg	4.52	1.2	15.5	2.71	85 / 90	94%	SS-06	10	**4**	--	
Barium	7440-39-3	mg/Kg	78.6	20.8	445	54	90 / 90	100%	SB11	4700	0	--	
Beryllium	7440-41-7	mg/Kg	0.56	0.24	1.6	0.221	72 / 90	80%	SS21	2	0	--	
Cadmium	7440-43-9	mg/Kg	2.31	0.11	12.8	3.04	68 / 90	76%	SS-25	34	0	--	
Calcium	7440-70-2	mg/Kg	2300	265	13700	2240	87 / 88	99%	SS-26	--		--	
Chromium	7440-47-3	mg/Kg	509	4.3	19200	2680	90 / 90	100%	SS-25	3900	**3**	--	
Cobalt	7440-48-4	mg/Kg	5.75	2.1	12.4	1.8	90 / 90	100%	SS150	--		2400	0
Copper	7440-50-8	mg/Kg	2090	11.9	35300	6480	67 / 86	78%	SS-25	2500	**5**	--	
Cyanide	57-12-5	mg/Kg	0.535	0.08	8.1	1.28	38 / 88	43%	SS-25	1400	0	0.52	**3**
Iron	7439-89-6	mg/Kg	12700	6060	20376	3220	88 / 88	100%	SS150	--		--	
Lead	7439-92-1	mg/Kg	125	7.9	758	173	85 / 90	94%	SS14	500	**7**	--	
Magnesium	7439-95-4	mg/Kg	2400	792	4636	806	88 / 88	100%	SS150	--		--	
Manganese	7439-96-5	mg/Kg	258	94.2	445	77.5	88 / 88	100%	SS108	--		3.9	**88**
Mercury	7439-97-6	mg/Kg	0.508	0.06	2.4	0.554	33 / 90	37%	SS-36	20	0	--	
Nickel	7440-02-0	mg/Kg	108	4.3	2460	377	82 / 90	91%	SS-25	1400	**3**	--	
Potassium	7440-09-7	mg/Kg	1230	388	3850	640	88 / 88	100%	SS150	--		--	
Selenium	7782-49-2	mg/Kg	1.06	0.76	1.6	0.224	11 / 90	12%	SS01	340	0	--	
Silver	7440-22-4	mg/Kg	1.63	0.24	13.9	1.92	57 / 90	63%	SS-27	340	0	--	
Sodium	7440-23-5	mg/Kg	894	55.3	6900	1480	21 / 88	24%	SS14	--		--	
Thallium	7440-28-0	mg/Kg	1.39	0.84	1.8	0.343	9 / 90	10%	SS21	5.4	0	--	
Vanadium	7440-62-2	mg/Kg	56.6	8.7	474	80.2	90 / 90	100%	SS-26	470	**1**	--	
Zinc	7440-66-6	mg/Kg	1030	19.3	18400	2910	89 / 90	99%	SS-25	20000	0	--	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria ar eavailable in the 1996 RSRs, the proposed 2008 criteria are used.
EPA Regional Screening Level - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2012.
mg/Kg - Milligram per Kilogram (part per million)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-1F
Residential Surface Soil Chromium Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-RDEC-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Detect**	**Action Level**	**# Exceedances**
Chromium	7440-47-3	mg/Kg	342	11	2850	890	10 / 10	100%	SB186	--	
Chromium-Hexavalent	18540-29-9	mg/Kg	18.4	0.26	53.6	20.5	10 / 10	100%	SB186	100	0
Chromium-Trivalent	16065-83-1	mg/Kg	363	5.51	2800	922	9 / 10	90%	SB186	3900	0

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-1G
Residential Surface Soil SPLP Metals Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-PMC-GB-STND		CT-SO-RDEC-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Lead	7439-92-1	ug/L	16.6	16.6	16.6	0	1 / 1	100%	SS109	150	0	500000	0

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-2A
Commercial Surface Soil VOCs Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,2,4-Trichlorobenzene	120-82-1	µg/Kg	1	1	1 / 31	3%	11/1/2002	SS-016~AA26625~~110102	1000000	0	2400	0
2-Butanone	78-93-3	µg/Kg	41	1	4 / 31	13%	11/1/2002	SS-016~AA26625~~110102	1000000	0	80000	0
Acetone	67-64-1	µg/Kg	93	2	11 / 31	35%	10/31/2002	SS-015~AA26580~~103102	1000000	0	140000	0
Benzene	71-43-2	µg/Kg	1	1	1 / 31	3%	5/24/2004	S-052404-JR-165	200000	0	200	0
Carbon Disulfide	75-15-0	µg/Kg	1	1	2 / 31	6%	10/31/2002	SS-015~AA26580~~103102	1000000	0	30000	0
Chloroform	67-66-3	µg/Kg	17	17	1 / 31	3%	7/15/2004	S-071504-DK-203	940000	0	1200	0
Methyl Acetate	79-20-9	µg/Kg	96	96	1 / 7	14%	10/16/2008	80018-SS142-0006	--		--	
Methyl Tert-Butyl Ether	1634-04-4	µg/Kg	9	5	10 / 25	40%	10/31/2002	SS-019~AA26584~~103102	1000000	0	20000	0
Toluene	108-88-3	µg/Kg	6	1	3 / 31	10%	5/24/2004	S-052404-JR-165	1000000	0	67000	0

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/Kg - Micrograms per Kilogram (part per billion)

-- No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-2B
Commercial Surface Soil SVOCs Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,1'-Biphenyl	92-52-4	µg/Kg	17	17	1 / 17	6%	11/1/2002	SS-029~A0KK9-5A66~~110102	--		--	
2,4-Dinitrophenol	51-28-5	µg/Kg	74	74	1 / 31	3%	5/21/2004	S-052104-JR-155	2500000	0	2800	0
2-Methylnaphthalene	91-57-6	µg/Kg	110	21	9 / 31	29%	5/13/2004	S-18281-051304-JR-033	2500000	0	2800	
Acenaphthene	83-32-9	µg/Kg	530	11	15 / 31	48%	5/20/2004	S-052004-JR-146	2500000	0	30000	
Acenaphthylene	208-96-8	µg/Kg	970	11	24 / 31	77%	10/23/2008	80018-SS114-0002	2500000	0	84000	0
Acetophenone	98-86-2	µg/Kg	990	11	11 / 25	44%	10/31/2002	SS-024~A0RG2-10B70~~103102	--		--	
Anthracene	120-12-7	µg/Kg	1900	19	27 / 31	87%	5/20/2004	S-052004-JR-146	2500000	0	400000	0
Benzaldehyde	100-52-7	µg/Kg	460	34	6 / 25	24%	10/31/2002	SS-024~A0RG2-10B70~~103102	--		--	
Benzo(A)Anthracene	56-55-3	µg/Kg	4400	90	30 / 31	97%	5/20/2004	S-052004-JR-146	7800	0	1000	**7**
Benzo(A)Pyrene	50-32-8	µg/Kg	4300	22	31 / 31	100%	10/31/2002	SS-015~A0RG2-4DA70~~103102	1000	**11**	1000	**11**
Benzo(B)Fluoranthene	205-99-2	µg/Kg	7300	26	31 / 31	100%	5/20/2004	S-052004-JR-146	7800	0	1000	**12**
Benzo(G,H,I)Perylene	191-24-2	µg/Kg	3200	64	30 / 31	97%	10/31/2002	SS-015~A0RG2-4DA70~~103102	2500000	0	29600	0
Benzo(K)Fluoranthene	207-08-9	µg/Kg	4900	21	26 / 31	84%	10/31/2002	SS-015~A0RG2-4DA70~~103102	78000	0	1000	**7**
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/Kg	2900	38	21 / 31	68%	11/1/2002	SS-029~A0KK9-5A66~~110102	410000	0	11000	0
Butylbenzylphthalate	85-68-7	µg/Kg	280	38	12 / 31	39%	11/1/2002	SS-029~A0KK9-5A66~~110102	2500000	0	200000	0
Caprolactam	105-60-2	µg/Kg	29	29	1 / 25	4%	11/1/2008	80018-SS143-0002	--		--	
Carbazole	86-74-8	µg/Kg	810	20	23 / 31	74%	5/20/2004	S-052004-JR-146	286200	0	10600	0
Chrysene	218-01-9	µg/Kg	5600	19	31 / 31	100%	10/31/2002	SS-015~A0RG2-4DA70~~103102	780000	0	9400	**16**
Dibenz(A,H)Anthracene	53-70-3	µg/Kg	1200	20	26 / 31	84%	10/31/2002	SS-015~A0RG2-4DA70~~103102	1000	**1**	1000	**1**
Dibenzofuran	132-64-9	µg/Kg	460	8	13 / 31	42%	5/20/2004	S-052004-JR-146	2500000	0	8000	0
Diethylphthalate	84-66-2	µg/Kg	11	11	1 / 31	3%	11/1/2002	SS-029~A0KK9-5A66~~110102	2500000	0	440000	0
Dimethylphthalate	131-11-3	µg/Kg	22	22	1 / 31	3%	10/31/2002	SS-010~A0RG2-15B70~~103102	2500000	0	620000	0
Di-N-Butyl Phthalate	84-74-2	µg/Kg	130	15	12 / 31	39%	11/1/2002	SS-029~A0KK9-5A66~~110102	2500000	0	140000	0
Di-N-Octyl Phthalate	117-84-0	µg/Kg	120	28	2 / 31	6%	11/1/2002	SS-029~A0KK9-5A66~~110102	2500000	0	20000	0
Fluoranthene	206-44-0	µg/Kg	11000	27	31 / 31	100%	5/20/2004	S-052004-JR-146	2500000	0	56000	0
Fluorene	86-73-7	µg/Kg	520	13	16 / 31	52%	5/20/2004	S-052004-JR-146	2500000	0	56000	0
Indeno(1,2,3-CD)Pyrene	193-39-5	µg/Kg	3800	78	30 / 31	97%	10/31/2002	SS-015~A0RG2-4DA70~~103102	7800	0	3000	**1**
Isophorone	78-59-1	µg/Kg	60	60	1 / 31	3%	10/31/2002	SS-024~A0RG2-10B70~~103102	2500000	0	1840000	0
Naphthalene	91-20-3	µg/Kg	170	15	9 / 41	22%	4/27/1999	APJ58	2500000	0	56000	0
Phenanthrene	85-01-8	µg/Kg	8400	99	30 / 31	97%	5/20/2004	S-052004-JR-146	2500000	0	40000	0
Phenol	108-95-2	µg/Kg	180	180	1 / 31	3%	10/31/2002	SS-024~A0RG2-10B70~~103102	2500000	0	800000	0
Pyrene	129-00-0	µg/Kg	9000	20	31 / 31	100%	4/27/1999	APJ58	2500000	0	40000	0
Toxic Equivalent - Carcinogenic PAHs	PAH-TEQ	µg/Kg	6754.6	24.83	31 / 31	100%	10/31/2002	SS-015~A0RG2-4DA70~~103102	1000	**15**	1000	**15**

Table 4-2B
Commercial Surface Soil SVOCs Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-2C
Commercial Surface Soil Pesticides Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**		**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
4,4'-DDD	72-54-8	µg/Kg	25	1.7	5 / 31	16%	10/31/2002	SS-015~A0RG2-4~~103102		23800	0	--	
4,4'-DDE	72-55-9	µg/Kg	150	0.68	16 / 28	57%	10/31/2002	SS-015DL~A0RG2-4~~103102		16800	0	--	
4,4'-DDT	50-29-3	µg/Kg	840	4.3	15 / 29	52%	10/31/2002	SS-015DL~A0RG2-4~~103102		16800	0	--	
Alpha-Chordane	5103-71-9	µg/Kg	6.6	1.9	3 / 21	14%	10/31/2002	SS-015~A0RG2-4~~103102		2200	0	66	0
Dieldrin	60-57-1	µg/Kg	4.3	1.6	5 / 30	17%	4/27/1999	APJ57		360	0	7	0
Endosulfan Sulfate	1031-07-8	µg/Kg	8.3	1.9	9 / 31	29%	4/26/1999	APK13		408800	0	--	
Endrin	72-20-8	µg/Kg	13	3.4	2 / 30	7%	10/31/2002	SS-015~A0RG2-4~~103102		610000	0	--	
Endrin Aldehyde	7421-93-4	µg/Kg	9.3	2.2	2 / 29	7%	10/31/2002	SS-015~A0RG2-4~~103102		613200	0	--	
Endrin Ketone	53494-70-5	µg/Kg	40	1.6	6 / 29	21%	10/31/2002	SS-015~A0RG2-4~~103102		613200	0	--	
Gamma-Chlordane	5103-74-2	µg/Kg	14	2.1	2 / 21	10%	10/8/2002	SS-025~50959.07~~100802		2200	0	66	0
Heptachlor Epoxide	1024-57-3	µg/Kg	3.5	0.58	2 / 30	7%	10/8/2002	SS-025~50959.07~~100802		630	0	20	0
Methoxychlor	72-43-5	µg/Kg	90	8.2	3 / 31	10%	10/31/2002	SS-015~A0RG2-4~~103102		10000000	0	8000	0

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-2D
Commercial Surface Soil PCBs Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**		**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Aroclor 1248	12672-29-6	µg/Kg	3.7	3.7	1 / 31	3%	5/13/2004	S-18281-051304-JR-033		--		--	
Aroclor 1254	11097-69-1	µg/Kg	94	4.8	3 / 31	10%	10/16/2008	80018-SS142-0006		--		--	
Aroclor 1260	11096-82-5	µg/Kg	95	4.4	8 / 31	26%	5/20/2004	S-052004-DK-150		--		--	
Polychlorinated Biphenyls	1336-36-3	µg/Kg	149	3.7	9 / 31	29%	10/16/2008	80018-SS142-0006		10000	0	--	

Notes:
Total PCBs were calculated by summing positive detections in each sample.
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B (not applicable to total soil concentrations)
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-2E
Commercial Surface Soil Metals Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC-STND		CTDEP-SO-PMC-GB-P	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	mg/Kg	7300	1500	11100	2420	32 / 32	100%	SS16	--		8.7	**32**
Antimony	7440-36-0	mg/Kg	22.8	4.8	40.7	25.4	2 / 32	6%	SB40	8200	0	--	
Arsenic	7440-38-2	mg/Kg	4.02	0.92	20.7	4.12	30 / 32	94%	SB40	10	**3**	--	
Barium	7440-39-3	mg/Kg	86.1	7.9	1080	184	32 / 32	100%	SB40	140000	0	--	
Beryllium	7440-41-7	mg/Kg	0.371	0.14	0.63	0.129	21 / 32	66%	SS-14	2	0	--	
Cadmium	7440-43-9	mg/Kg	4.09	0.11	28	8.36	24 / 32	75%	MW4D	1000	0	--	
Calcium	7440-70-2	mg/Kg	1380	467	3720	826	24 / 24	100%	SS10	--		--	
Chromium	7440-47-3	mg/Kg	15.1	4.4	66.3	10.9	32 / 32	100%	SB40	51000	0	--	
Cobalt	7440-48-4	mg/Kg	5.2	1.8	13.7	2.29	32 / 32	100%	SB39	--		2400	0
Copper	7440-50-8	mg/Kg	1270	7.9	25900	4950	28 / 31	90%	SB40	76000	0	--	
Cyanide	57-12-5	mg/Kg	0.392	0.07	1.8	0.42	18 / 31	58%	SS16	41000	0	0.52	**4**
Iron	7439-89-6	mg/Kg	10700	899	14800	3070	24 / 24	100%	SS143	--		--	
Lead	7439-92-1	mg/Kg	201	6.3	2960	523	32 / 32	100%	SB40	1000	**1**	--	
Magnesium	7439-95-4	mg/Kg	2180	834	3390	616	24 / 24	100%	SS25	--		--	
Manganese	7439-96-5	mg/Kg	189	59.2	464	80.7	24 / 24	100%	SS-14	--		3.9	**24**
Mercury	7439-97-6	mg/Kg	0.349	0.019	1.2	0.419	21 / 32	66%	SB39, SB40, SS29	610	0	--	
Nickel	7440-02-0	mg/Kg	30.4	3.4	430	74.5	32 / 32	100%	SB40	7500	0	--	
Potassium	7440-09-7	mg/Kg	1210	298	3410	663	23 / 23	100%	SS25	--		--	
Selenium	7782-49-2	mg/Kg	0.835	0.79	0.88	0.0636	2 / 32	6%	SS25	10000	0	--	
Silver	7440-22-4	mg/Kg	3.45	0.13	35.7	8.69	16 / 32	50%	SB40	10000	0	--	
Sodium	7440-23-5	mg/Kg	252	38	614	172	18 / 24	75%	SS25	--		--	
Thallium	7440-28-0	mg/Kg	1.35	1	1.7	0.262	9 / 32	28%	SS16	160	0	--	
Vanadium	7440-62-2	mg/Kg	28.9	9.5	83.6	15.3	32 / 32	100%	SS-14	14000	0	--	
Zinc	7440-66-6	mg/Kg	903	26.8	13700	2740	32 / 32	100%	SB40	610000	0	--	

Notes:

CT-Soil Direct Exposure; Industrial/Commercial - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B. Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.

EPA Regional Screening Level - Screening Levels for Chemical Contaminants at Superfund Sites;Industrial Soil Scenario; May 2012.

mg/Kg - Milligram per Kilogram (part per million)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-2F
Commercial Surface Soil Chromium Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

										Action Level Code	CT-SO-ICDEC-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Detect**		**Action Level**	**# Exceedances**
Chromium	7440-47-3	mg/Kg	22.2	17	27.4	7.35	2 / 2	100%	SB181		--	
Chromium-Hexavalent	18540-29-9	mg/Kg	13.1	0.67	25.5	17.6	2 / 2	100%	SB181		100	0
Chromium-Trivalent	16065-83-1	mg/Kg	9.1	1.9	16.3	10.2	2 / 2	100%	SB181		51000	0

Notes:
CT-Soil Direct Exposure; Industrial/Commercial - State of Connecticut Regulation DEP Appendix A
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-2G
Commercial Surface Soil SPLP Metals Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC-STND		CT-SO-PMC-GB-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Lead	7439-92-1	ug/L	17	13.6	21.4	4.01	3 / 4	75%	SS143	1000000	0	150	0

Notes:

CT-Soil Direct Exposure; Industrial/Commercial - State of Connecticut Regulation DEP Appendix A

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-3A
Residential Subsurface (2'-10') Soil VOCs Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CTDEP-SO-PMC-GB		CT-SO-RDEC	
Parameter	**CAS #**	**Units**	**Min.**	**Max.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,2,3-Trichlorobenzene	87-61-6	ug/kg	53	96	2 / 42	5%	10/14/2002	SB11-6-7~AA26109~~101402	--		--	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	44	44	1 / 47	2%	10/22/2002	SB02-5-6~AA26031~~102202	2400	0	116200	0
2-Butanone	78-93-3	ug/kg	3.1	66	17 / 47	36%	10/16/2002	SB14-02-03~AA25782~~101602	80000	0	500000	0
2-Hexanone	591-78-6	ug/kg	2	2	1 / 47	2%	10/31/2002	SB08-02-03~AA25784~~103102	--		--	
4-Methyl-2-Pentanone	108-10-1	ug/kg	1	2	2 / 47	4%	10/16/2002	SB14-02-03~AA25782~~101602	14000	0	500000	0
Acetone	67-64-1	ug/kg	7	660	30 / 46	65%	10/22/2002	SB02-5-6~AA26031~~102202	140000	0	500000	0
Bromomethane	74-83-9	ug/kg	4	4	1 / 47	2%	10/16/2002	SB14-02-03~AA25782~~101602	100	0	33900	0
Carbon Disulfide	75-15-0	ug/kg	0.54	3	5 / 47	11%	10/31/2002	SB08-02-03~AA25784~~103102	30000	0	500000	0
Carbon Tetrachloride	56-23-5	ug/kg	110	110	1 / 47	2%	10/21/2008	80018-SB163-0507	100	**1**	3200	0
cis-1,2-Dichloroethene	156-59-2	ug/kg	0.85	92	10 / 47	21%	10/23/2008	80018-DUP106-0507	14000	0	500000	0
Cyclohexane	110-82-7	ug/kg	1.7	22	11 / 26	42%	4/4/2011	80018-SB208-0410-0311	22800	0	500000	0
Ethylbenzene	100-41-4	ug/kg	1	5	2 / 47	4%	10/16/2002	SB14-02-03~AA25782~~101602	10100	0	500000	0
Isopropylbenzene	98-82-8	ug/kg	2	4	2 / 47	4%	10/11/2002	SB23-02-03~AA25786~~101102	18000	0	500000	0
m,p-Xylene	179601-23-1	ug/kg	3	37	3 / 42	7%	10/16/2002	SB14-02-03~AA25782~~101602	--		500000	0
Methyl Acetate	79-20-9	ug/kg	6.6	7300	11 / 26	42%	10/24/2008	80018-SB152-0507	--		--	
Methyl Tert-Butyl Ether	1634-04-4	ug/kg	1	9	14 / 47	30%	10/11/2002	SB23-02-03~AA25786~~101102	20000	0	500000	0
Methylene Chloride	75-09-2	ug/kg	1	7.5	11 / 47	23%	4/4/2011	80018-SB208-0410-0311	1000	0	82000	0
n-Propylbenzene	103-65-1	ug/kg	4	7	2 / 16	13%	10/11/2002	SB23-02-03~AA25786~~101102	14000	0	500000	0
o-Xylene	95-47-6	ug/kg	4	43	3 / 42	7%	10/16/2002	SB14-02-03~AA25782~~101602	--		--	
Tetrachloroethene	127-18-4	ug/kg	3	91	4 / 47	9%	5/26/2004	S-052604-JR-172	1000	0	12000	0
Toluene	108-88-3	ug/kg	1	2	3 / 47	6%	10/4/2002	SB21-04-06~AA25702~~100402	67000	0	500000	0
Trichloroethene	79-01-6	ug/kg	1	260	11 / 47	23%	10/24/2008	80018-SB152-0507	1000	0	56000	0
Vinyl Chloride	75-01-4	ug/kg	2	120	5 / 47	11%	10/23/2008	80018-DUP106-0507	400	0	320	0

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-3B
Residential Subsurface (2'-10') Soil SVOCs Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-SO-PMC-GB		CTDEP-SO-RDEC	
Parameter	**CAS #**	**Units**	**Min.**	**Max.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,1'-Biphenyl	92-52-4	ug/kg	36	150	9 / 56	16%	3/31/2011	80018-SB190-0410-0311	--		--	
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/kg	820	820	1 / 26	4%	10/23/2008	80018-SB154-0507	4000	0	20000	0
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/kg	1300	1300	1 / 60	2%	10/23/2008	80018-SB154-0507	2400	0	8800	0
2,4,5-Trichlorophenol	95-95-4	ug/kg	540	540	1 / 60	2%	10/23/2008	80018-SB154-0507	5600	0	677400	0
2,4-Dichlorophenol	120-83-2	ug/kg	530	530	1 / 60	2%	10/23/2008	80018-SB154-0507	4000	0	200000	0
2,4-Dinitrotoluene	121-14-2	ug/kg	530	530	1 / 60	2%	10/23/2008	80018-SB154-0507	25000	0	200	**1**
2,6-Dinitrotoluene	606-20-2	ug/kg	1200	1200	1 / 60	2%	10/23/2008	80018-SB154-0507	25000	0	200	**1**
2-Chloronaphthalene	91-58-7	ug/kg	1200	1200	1 / 60	2%	10/23/2008	80018-SB154-0507	18000	0	500000	0
2-Chlorophenol	95-57-8	ug/kg	220	220	1 / 60	2%	10/23/2008	80018-SB154-0507	7200	0	340000	0
2-Methylnaphthalene	91-57-6	ug/kg	44	590	17 / 60	28%	3/31/2011	80018-SB190-0410-0311	5500	0	271000	0
4-Bromophenyl-Phenylether	101-55-3	ug/kg	810	810	1 / 60	2%	10/23/2008	80018-SB154-0507	82000	0	500000	0
4-Chloroaniline	106-47-8	ug/kg	31	31	1 / 60	2%	10/23/2008	80018-SB154-0507	2000	0	27100	0
4-Chlorophenyl-Phenylether	7005-72-3	ug/kg	630	630	1 / 60	2%	10/23/2008	80018-SB154-0507	82000	0	500000	0
4-Methylphenol	106-44-5	ug/kg	24	150	7 / 60	12%	5/27/2004	S-052704-JR-176	111000	0	203200	0
Acenaphthene	83-32-9	ug/kg	23	1800	22 / 60	37%	3/31/2011	80018-SB190-0410-0311	30000	0	1000000	0
Acenaphthylene	208-96-8	ug/kg	28	660	29 / 60	48%	10/9/2002	SB08-00-05~V2101707.D~~100902	84000	0	1000000	0
Acetophenone	98-86-2	ug/kg	13	320	15 / 60	25%	3/31/2011	80018-SB190-0410-0311	--		--	
Anthracene	120-12-7	ug/kg	29	4100	38 / 60	63%	3/31/2011	80018-SB190-0410-0311	400000	0	1000000	0
Benzaldehyde	100-52-7	ug/kg	26	150	9 / 60	15%	10/10/2002	SB23-00-05~V2101714.D~~101002	--		--	
Benzo(A)Anthracene	56-55-3	ug/kg	31	11000	50 / 60	83%	3/31/2011	80018-SB190-0410-0311	1000	**13**	1000	**13**
Benzo(A)Pyrene	50-32-8	ug/kg	28	9400	49 / 60	82%	3/31/2011	80018-SB190-0410-0311	1000	**15**	1000	**15**
Benzo(B)Fluoranthene	205-99-2	ug/kg	27	11000	50 / 60	83%	10/24/2008	80018-SB153-0507	1000	**16**	1000	**16**
Benzo(G,H,I)Perylene	191-24-2	ug/kg	35	6400	41 / 60	68%	3/31/2011	80018-SB190-0410-0311	29600	0	1000000	0
Benzo(K)Fluoranthene	207-08-9	ug/kg	29	10000	45 / 60	75%	3/31/2011	80018-SB190-0410-0311	1000	**13**	8400	**1**
Bis(2-Chloroethoxy)Methane	111-91-1	ug/kg	1900	1900	1 / 60	2%	10/23/2008	80018-SB154-0507	1572000	0	--	
Bis(2-Chloroethyl)Ether	111-44-4	ug/kg	1800	1800	1 / 60	2%	10/23/2008	80018-SB154-0507	2400	0	1000	**1**
Bis(2-Ethylhexyl)Phthalate	117-81-7	ug/kg	35	16000	34 / 60	57%	10/16/2002	SB04-00-05~H73GK212~~101602	11000	**2**	44000	0
Butylbenzylphthalate	85-68-7	ug/kg	12	1000	4 / 60	7%	10/23/2008	80018-SB154-0507	200000	0	1000000	0
Caprolactam	105-60-2	ug/kg	27	720	5 / 60	8%	10/10/2002	SB23-05-10~V2101611.D~~101002	--		--	
Carbazole	86-74-8	ug/kg	16	2300	29 / 60	48%	3/31/2011	80018-SB190-0410-0311	10600	0	3300	0
Chrysene	218-01-9	ug/kg	43	12000	51 / 60	85%	3/31/2011	80018-SB190-0410-0311	9400	**1**	84000	0
Dibenz(A,H)Anthracene	53-70-3	ug/kg	21	2900	29 / 60	48%	3/31/2011	80018-SB190-0410-0311	1000	**1**	1000	**1**
Dibenzofuran	132-64-9	ug/kg	21	1400	14 / 60	23%	3/31/2011	80018-SB190-0410-0311	8000	0	270000	0
Diethylphthalate	84-66-2	ug/kg	140	590	3 / 60	5%	10/14/2002	SB02-05-10~H73GK193~~101402	440000	0	1000000	0
Dimethylphthalate	131-11-3	ug/kg	59	59	1 / 60	2%	10/10/2002	SB23-00-05~V2101714.D~~101002	620000	0	1000000	0
Di-N-Butyl Phthalate	84-74-2	ug/kg	27	150	8 / 60	13%	4/4/2011	80018-SB189-0410-0311	140000	0	1000000	0
Di-N-Octyl Phthalate	117-84-0	ug/kg	71	1400	2 / 60	3%	10/23/2008	80018-SB154-0507	20000	0	1000000	0
Fluoranthene	206-44-0	ug/kg	53	26000	53 / 60	88%	3/31/2011	80018-SB190-0410-0311	56000	0	1000000	0
Fluorene	86-73-7	ug/kg	39	2400	24 / 60	40%	3/31/2011	80018-SB190-0410-0311	56000	0	1000000	0
Hexachlorobenzene	118-74-1	ug/kg	630	630	1 / 60	2%	10/23/2008	80018-SB154-0507	1000	0	1000	0
Hexachlorocyclopentadiene	77-47-4	ug/kg	450	450	1 / 60	2%	10/23/2008	80018-SB154-0507	600	0	406500	0
Hexachloroethane	67-72-1	ug/kg	790	790	1 / 60	2%	10/23/2008	80018-SB154-0507	1000		44000	
Indeno(1,2,3-Cd)Pyrene	193-39-5	ug/kg	38	7700	43 / 60	72%	3/31/2011	80018-SB190-0410-0311	3000	**1**	1000	**8**
Isophorone	78-59-1	ug/kg	690	690	1 / 60	2%	10/23/2008	80018-SB154-0507	1840000	0	440300	0
Naphthalene	91-20-3	ug/kg	5	1000	24 / 74	32%	3/31/2011	80018-SB190-0410-0311	56000	0	1000000	0
N-Nitroso-Di-N-Propylamine	621-64-7	ug/kg	1000	1000	1 / 60	2%	10/23/2008	80018-SB154-0507	8200	0	200	**1**
Pentachlorophenol	87-86-5	ug/kg	280	280	1 / 60	2%	10/23/2008	80018-SB154-0507	1000	0	5100	0
Phenanthrene	85-01-8	ug/kg	36	18000	49 / 60	82%	3/31/2011	80018-SB190-0410-0311	40000	0	1000000	0
Phenol	108-95-2	ug/kg	44	81	2 / 60	3%	3/31/2011	80018-SB190-0410-0311	800000	0	1000000	0
Pyrene	129-00-0	ug/kg	62	23000	51 / 60	85%	3/31/2011	80018-SB190-0410-0311	40000	0	1000000	0
Toxic Equivalent - Carcinogenic PAHs	PAH-TEQ	ug/kg	0.045	15182	52 / 60	87%	3/31/2011	80018-SB190-0410-0311	1000	**17**	1000	**17**

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-3C
Residential Subsurface (2'-10') Soil Pesticides Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	**CTDEP-SO-PMC-GB-P**		**CT-SO-PMC-GB-STND**		**CT-SO-PMC-GB**		**CTDEP-SO-RDEC**	
Parameter	**CAS #**	**Units**	**Min.**	**Max.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedance**	**Action Level**	**# Exceedance**	**Action Level**	**# Exceedance**	**Action Level**	**# Exceedance**
4,4'-DDD	72-54-8	ug/kg	1.2	31	16 / 57	28%	SB15	10/11/2002	~50985.11DL~~101102	10	**5**	--		10	**5**	1700	0
4,4'-DDE	72-55-9	ug/kg	1.4	68	21 / 58	36%	SB14	10/9/2002	SB14-00-05~50977.04DL~~100902	10	**7**	--		10	**7**	1200	0
4,4'-DDT	50-29-3	ug/kg	3	65	22 / 57	39%	SB11	10/17/2002	SB11-00-05~2102224~~101702	10	**11**	--		10	**11**	1200	0
Aldrin	309-00-2	ug/kg	3.2	3.9	1 / 58	2%	SB48	5/18/2004	S-051804-JR-099	6	0	--		6	0	20	0
Alpha-Chlordane	5103-71-9	ug/kg	0.5	19	17 / 52	33%	SB11	10/17/2002	SB11-00-05~2102224~~101702	--		--		--		--	
Beta-BHC	319-85-7	ug/kg	1.9	15	6 / 58	10%	SB190	3/31/2011	80018-SB190-0410-0311	280	0	--		280	0	200	0
Delta-BHC	319-86-8	ug/kg	0.55	0.55	1 / 58	2%	SB190	3/29/2011	80018-SB202-0410-0311	280	0	--		280	0	200	0
Dieldrin	60-57-1	ug/kg	1.3	130	16 / 57	28%	SB14	10/9/2002	SB14-00-05~50977.04DL~~100902	--		7	**8**	7	**8**	38	**1**
Endosulfan I	959-98-8	ug/kg	0.5	2.9	9 / 58	16%	SB190	3/31/2011	80018-SB190-0410-0311	--		--		--		--	
Endosulfan II	33213-65-9	ug/kg	0.83	2.9	5 / 58	9%	SB189	5/20/2004	S-052004-JR-147	--		--		--		--	
Endosulfan Sulfate	1031-07-8	ug/kg	1.7	11	7 / 58	12%	SB154	10/23/2008	80018-SB154-0507	32000	0	--		32000	0	13600	0
Endrin	72-20-8	ug/kg	0.86	78	10 / 58	17%	SB14	10/9/2002	SB14-00-05~50977.04DL~~100902	--		--		--		20000	0
Endrin Aldehyde	7421-93-4	ug/kg	1.4	24	18 / 58	31%	SB14	10/9/2002	SB14-00-05~50977.04DL~~100902	70	0	--		70	0	20300	0
Endrin Ketone	53494-70-5	ug/kg	0.99	32	17 / 57	30%	SB188	4/4/2011	80018-SB188-0410-0311	70	0	--		70	0	20300	0
Gamma-BHC (Lindane)	58-89-9	ug/kg	17	17	1 / 58	2%	SB14	10/9/2002	SB14-00-05~50977.04DL~~100902	--		40	0	40	0	20000	0
Gamma-Chlordane	5103-74-2	ug/kg	0.52	22	24 / 51	47%	SB11	10/17/2002	SB11-00-05~2102224~~101702	--		--		--		--	
Heptachlor	76-44-8	ug/kg	1.2	3.1	6 / 58	10%	SB24	5/14/2004	S-051404-JR-012	--		13	0	13	0	140	0
Heptachlor Epoxide	1024-57-3	ug/kg	0.69	37	14 / 56	25%	SB14	10/9/2002	SB14-00-05~50977.04DL~~100902	--		20	**1**	20	**1**	67	0
Methoxychlor	72-43-5	ug/kg	1.9	64	10 / 58	17%	SB14	5/14/2004	S-051404-JR-014	--		8000	0	8000	0	340000	0

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-3D
Residential Subsurface (2'-10') Soil PCBs Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	**CT-SO-RDEC**	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Freq. Detect**	**% Detect**	**Date of Max Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedance**
Aroclor 1242	53469-21-9	ug/kg	46	46	46	1 / 70	1%	11/13/2008	80018-CAP16-0507	--	
Aroclor 1254	11097-69-1	ug/kg	484	41	3200	21 / 70	30%	10/9/2002	SB14-00-05~50977.04DL~~100902	--	
Aroclor 1260	11096-82-5	ug/kg	374	3.9	1800	22 / 69	32%	11/12/2008	80018-CAP13-0203	--	
Polychlorinated Biphenyls	1336-36-3	ug/kg	636	3.9	3200	29 / 70	41%	10/9/2002	SB14-00-05~50977.04DL~~100902	1000	**4**

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-3E
Residential Subsurface (2'-10') Soil Dioxins/Furans Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-SO-PMC-GB		CT-SO-RDEC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Location of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	ng/Kg	362	80.2	5 / 5	100%	11/11/2008	CAP04	--		--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-P-Dioxin	3268-87-9	ng/Kg	2050	428	5 / 5	100%	10/23/2008	SB150	--		--	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	ng/Kg	236	80.1	5 / 5	100%	11/11/2008	CAP04	--		--	
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	35822-46-9	ng/Kg	179	74.7	5 / 5	100%	10/23/2008	SB150	--		--	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	ng/Kg	30.6	4.03	5 / 5	100%	11/11/2008	CAP04	--		--	
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	ng/Kg	64.7	6.75	5 / 5	100%	11/11/2008	CAP04	--		--	
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	39227-28-6	ng/Kg	4.03	1.23	5 / 5	100%	11/11/2008	CAP04	--		--	
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	ng/Kg	25.8	5.94	5 / 5	100%	11/11/2008	CAP04	--		--	
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	57653-85-7	ng/Kg	14	8.73	5 / 5	100%	11/11/2008	CAP04	--		--	
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	ng/Kg	8.41	2.56	5 / 5	100%	11/11/2008	CAP03	--		--	
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	19408-74-3	ng/Kg	8.15	3.13	5 / 5	100%	11/11/2008	CAP04	--		--	
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	ng/Kg	9.12	2.07	5 / 5	100%	11/11/2008	CAP04	--		--	
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	40321-76-4	ng/Kg	3.5	1.43	5 / 5	100%	11/11/2008	CAP04	--		--	
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	ng/Kg	21.9	8.33	5 / 5	100%	11/11/2008	CAP04	--		--	
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	ng/Kg	25.2	4.04	5 / 5	100%	11/11/2008	CAP03	--		--	
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	ng/Kg	40.9	2.23	5 / 5	100%	11/11/2008	CAP03	--		--	
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	1746-01-6	ng/Kg	0.819	0.353	5 / 5	100%	11/11/2008	CAP04	--		--	
Heptachlorodibenzofuran (total)	38998-75-3	ng/Kg	433	139	5 / 5	100%	11/11/2008	CAP04	--		--	
Heptachlorodibenzo-P-Dioxin (total)	37871-00-4	ng/Kg	346	156	5 / 5	100%	10/23/2008	SB150	--		--	
Hexachlorodibenzofuran (total)	55684-94-1	ng/Kg	339	124	5 / 5	100%	11/11/2008	CAP04	--		--	
Hexachlorodibenzo-P-Dioxin (total)	34465-46-8	ng/Kg	125	56.5	5 / 5	100%	11/11/2008	CAP04	--		--	
Pentachlorodibenzofuran (total)	30402-15-4	ng/Kg	344	126	5 / 5	100%	11/11/2008	CAP04	--		--	
Pentachlorodibenzo-P-Dioxin (total)	36088-22-9	ng/Kg	58.9	20.2	5 / 5	100%	11/11/2008	CAP04	--		--	
Tetrachlorodibenzo(P)Dioxin (total)	41903-57-5	ng/Kg	30.4	8.83	5 / 5	100%	11/11/2008	CAP04	--		--	
Tetrachlorodibenzofuran (total)	55722-27-5	ng/Kg	255	69.6	5 / 5	100%	11/11/2008	CAP04	--		--	
Toxicity Equivalency	TEF	ng/Kg	32.5	8.98	5 / 5	100%	11/11/2008	CAP04	--		--	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
ng/Kg - Nanograms per Kilogram (part per trillion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-3F
Residential Subsurface (2'-10') Soil Metals Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-RDEC-STND		CTDEP-SO-PMC-GB-P	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedance**	**Action Level**	**# Exceedance**
Aluminum	7429-90-5	mg/Kg	7700	2550	17100	2800	56 / 56	100%	SB110	--		8.7	**56**
Antimony	7440-36-0	mg/Kg	1.66	0.37	7.6	1.72	19 / 56	34%	SB32	27	0	--	
Arsenic	7440-38-2	mg/Kg	4.77	0.9	35	5.34	55 / 56	98%	SB207	10	**6**	--	
Barium	7440-39-3	mg/Kg	126	18.7	1230	189	56 / 56	100%	SB21	4700	0	--	
Beryllium	7440-41-7	mg/Kg	0.526	0.16	2.5	0.359	49 / 56	88%	SB21	2	**1**	--	
Cadmium	7440-43-9	mg/Kg	2.8	0.076	40.4	6.11	53 / 56	95%	SB196	34	**1**	--	
Calcium	7440-70-2	mg/Kg	3740	583	16700	3230	52 / 52	100%	SB21	--		--	
Chromium	7440-47-3	mg/Kg	33.5	4.2	507	77.1	56 / 56	100%	SB11	3900	0	--	
Cobalt	7440-48-4	mg/Kg	5.96	1.8	10.3	1.89	56 / 56	100%	SB07	--		2400	0
Copper	7440-50-8	mg/Kg	1820	10.7	42300	6070	56 / 56	100%	SB195	2500	**7**	--	
Cyanide	57-12-5	mg/Kg	4.19	0.044	15.9	6.01	8 / 55	15%	SB150	1400	0	0.52	**4**
Iron	7439-89-6	mg/Kg	14400	4940	37800	5970	52 / 52	100%	SB11	--		--	
Lead	7439-92-1	mg/Kg	137	2.6	1410	255	56 / 56	100%	SB32	500	**5**	--	
Magnesium	7439-95-4	mg/Kg	2560	798	7670	1260	52 / 52	100%	SB169	--		--	
Manganese	7439-96-5	mg/Kg	233	72.9	681	120	52 / 52	100%	SB190	--		3.9	**52**
Mercury	7439-97-6	mg/Kg	0.422	0.02	4.9	0.954	44 / 56	79%	MW3D	20	0	--	
Nickel	7440-02-0	mg/Kg	41.1	4	176	46.8	56 / 56	100%	SB04	1400	0	--	
Potassium	7440-09-7	mg/Kg	1740	332	5680	1040	51 / 51	100%	SB169	--		--	
Selenium	7782-49-2	mg/Kg	2.55	0.79	5.3	1.19	20 / 56	36%	SB192	340	0	--	
Silver	7440-22-4	mg/Kg	1.2	0.1	11.4	2.17	35 / 56	63%	SB208	340	0	--	
Sodium	7440-23-5	mg/Kg	521	50.9	4240	650	50 / 52	96%	SB11	--		--	
Thallium	7440-28-0	mg/Kg	2	1.6	2.6	0.432	4 / 56	7%	SB11	5.4	0	--	
Vanadium	7440-62-2	mg/Kg	97.1	9.1	937	169	56 / 56	100%	SB04	470	**2**	--	
Zinc	7440-66-6	mg/Kg	871	19.4	8050	1650	56 / 56	100%	SB188	20000	0	--	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria ar eavailable in the 1996 RSRs, the proposed 2008 criteria are used.
mg/Kg - Milligram per Kilogram (part per million)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-3G
Residential Subsurface (2'-10') Soil SPLP Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

										Action Level Code	CT-SO-PMC-GB-STND
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	ug/L	2280	342	13600	3740	13 / 13	100%	SB191	--	
Antimony	7440-36-0	ug/L	2.6	2.1	3.3	0.438	6 / 16	38%	SB192	60	0
Arsenic	7440-38-2	ug/L	5.47	2.8	12.6	3.12	9 / 22	41%	SB192	100	0
Barium	7440-39-3	ug/L	191	18.8	507	119	16 / 22	73%	SB191	10000	0
Beryllium	7440-41-7	ug/L	0.65	0.58	0.72	0.099	2 / 16	13%	SB191	40	0
Cadmium	7440-43-9	ug/L	1.61	0.14	7.9	2.33	11 / 22	50%	SB196	50	0
Calcium	7440-70-2	ug/L	9990	2170	26300	6110	13 / 13	100%	SB207	--	
Chromium	7440-47-3	ug/L	4.16	1	14.6	4.79	8 / 22	36%	SB190	500	0
Cobalt	7440-48-4	ug/L	1.25	0.38	3.3	1.11	6 / 13	46%	SB190	--	
Copper	7440-50-8	ug/L	295	11.6	1570	495	13 / 16	81%	SB190	13000	0
Iron	7439-89-6	ug/L	2390	81.4	12500	3720	13 / 13	100%	SB191	--	
Lead	7439-92-1	ug/L	57	3.7	295	86.2	16 / 22	73%	SB196	150	**2**
Magnesium	7439-95-4	ug/L	536	225	1070	230	13 / 13	100%	SB190	--	
Manganese	7439-96-5	ug/L	51.7	1.9	264	67.8	13 / 13	100%	SB190	--	
Mercury	7439-97-6	ug/L	0.201	0.09	0.41	0.141	7 / 22	32%	SB190	20	0
Nickel	7440-02-0	ug/L	11.5	0.89	54.5	14.8	13 / 16	81%	SB190	1000	0
Potassium	7440-09-7	ug/L	451	135	1110	272	13 / 13	100%	SB190	--	
Selenium	7782-49-2	ug/L	3.95	3.4	4.5	0.778	2 / 22	9%	SB191	500	0
Silver	7440-22-4	ug/L	2.9	2.9	2.9	0	1 / 22	5%	SB208	360	0
Sodium	7440-23-5	ug/L	4600	1990	7710	2120	13 / 13	100%	SB195	--	
Vanadium	7440-62-2	ug/L	189	4.4	1110	358	14 / 16	88%	SB190	500	**2**
Zinc	7440-66-6	ug/L	553	17.2	2590	804	14 / 16	88%	SB196	50000	0

Notes:
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Litre (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-3H
Residential Subsurface (2'-10') Soil Chromium Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

2010											
									Action Level Code	CT-SO-RDEC-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Detect**	**Action Level**	**# Exceedances**
Chromium	7440-47-3	mg/Kg	22.1	22.1	22.1	0	1 / 1	100%	SB182	--	
Chromium-Hexavalent	18540-29-9	mg/Kg	16.6	16.6	16.6	0	1 / 1	100%	SB182	100	0
Chromium-Trivalent	16065-83-1	mg/Kg	5.5	5.5	5.5	0	1 / 1	100%	SB182	3900	0

2011											
									Action Level Code	CT-SO-RDEC-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Detect**	**Action Level**	**# Exceedances**
Chromium	7440-47-3	mg/Kg	25.5	12.6	36.8	12.2	5 / 5	100%	SB208	--	
Chromium-Hexavalent	18540-29-9	mg/Kg	0.322	0.103	0.544	0.184	5 / 5	100%	SB206	100	0
Chromium-Trivalent	16065-83-1	mg/Kg	25.2	12.3	36.4	12.1	5 / 5	100%	SB187	3900	0

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
mg/Kg - Milligram per Kilogram (part per million)
-- - No standard value is available
VALUE Indicates that an exceedance of the screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-4A
Industrial/Commercial Subsurface (2'-10') Soil VOCs Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	**CT-SO-PMC-GB**		**CTDEP-SO-ICDEC**	
Parameter	**CAS #**	**Units**	**Min.**	**Max.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,2,4-Trichlorobenzene	120-82-1	ug/kg	75	75	1 / 31	3%	SB18	10/9/2002	SB18-6-7~AA26112~~100902	2400	0	1000000	0
2-Butanone	78-93-3	ug/kg	12	12	1 / 31	3%	SB26	10/23/2002	SB26-08-09~AA26213~~102302	80000	0	1000000	0
Acetone	67-64-1	ug/kg	7	380	10 / 31	32%	SB18	10/9/2002	SB18-6-7~AA26112~~100902	140000	0	1000000	0
Benzene	71-43-2	ug/kg	2100	2100	1 / 31	3%	SB145	10/21/2008	80018-SB145-0709	200	**1**	200000	0
Carbon Disulfide	75-15-0	ug/kg	1	10	7 / 31	23%	SB39	7/15/2004	S-071504-DK-204	30000	0	1000000	0
Chloroform	67-66-3	ug/kg	4	260	3 / 31	10%	SB45	5/14/2004	S-051404-JR-022	1200	0	940000	0
cis-1,2-Dichloroethene	156-59-2	ug/kg	1.3	150	2 / 31	6%	SB45	5/14/2004	S-051404-JR-022	14000	0	1000000	0
Cyclohexane	110-82-7	ug/kg	3.6	3.6	1 / 18	6%	SB204	3/31/2011	80018-SB204-0410-0311	22800	0	1000000	0
m,p-Xylene	179601-23-1	ug/kg	150	810	2 / 23	9%	SB145	10/21/2008	80018-SB145-0709	--		1000000	0
Methyl Acetate	79-20-9	ug/kg	130	540	2 / 18	11%	SB128	10/22/2008	80018-SB128-0507	--		--	
Methyl Tert-Butyl Ether	1634-04-4	ug/kg	7	20	4 / 31	13%	SB35	10/10/2002	SB35-07-08~AA26212~~101002	20000	0	1000000	0
Methylene Chloride	75-09-2	ug/kg	1.2	12	12 / 31	39%	SB47	5/19/2004	S-051904-JR-125	1000	0	760000	0
o-Xylene	95-47-6	ug/kg	45	110	2 / 23	9%	SB145	10/21/2008	80018-SB145-0709	--		--	
Tetrachloroethene	127-18-4	ug/kg	1	1000	6 / 31	19%	SB45	5/14/2004	S-051404-JR-022	1000	0	110000	0
Toluene	108-88-3	ug/kg	1	8500	3 / 31	10%	SB145	10/21/2008	80018-SB145-0709	67000	0	1000000	0
Trichloroethene	79-01-6	ug/kg	4	21000	5 / 31	16%	SB45	5/14/2004	S-051404-JR-022	1000	**1**	520000	0
Trichlorofluoromethane	75-69-4	ug/kg	5	170	2 / 31	6%	SB18	10/9/2002	SB18-6-7~AA26112~~100902	35000	0	1000000	0

Notes:
CT-Soil Direct Exposure; Industrial/Commercial - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-4B
Industrial/Commercial Subsurface (2'-10') Soil SVOCs Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-PMC-GB		CT-SO-ICDEC	
Parameter	**CAS #**	**Units**	**Min.**	**Max.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Sample ID of Max. Detect**	**Date of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,1'-Biphenyl	92-52-4	ug/kg	20	2200	4 / 28	14%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	--		--	
2,4,5-Trichlorophenol	95-95-4	ug/kg	130	130	1 / 36	3%	SB38	5/12/2004	S-051204-JR-025	5600	0	2500000	0
2-Methylnaphthalene	91-57-6	ug/kg	15	6200	21 / 36	58%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	5500	**1**	1000000	0
Acenaphthene	83-32-9	ug/kg	15	14000	15 / 36	42%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	30000	0	2500000	0
Acenaphthylene	208-96-8	ug/kg	11	6200	21 / 36	58%	SB45	5/14/2004	S-051404-JR-014	84000	0	2500000	0
Acetophenone	98-86-2	ug/kg	13	370	10 / 36	28%	SB193	3/30/2011	80018-SB193-0410-0311	--		--	
Anthracene	120-12-7	ug/kg	10	43000	26 / 36	72%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	400000	0	2500000	0
Benzaldehyde	100-52-7	ug/kg	54	190	4 / 36	11%	SB162	10/25/2008	80018-SB162-0507	--		--	
Benzo(A)Anthracene	56-55-3	ug/kg	13	58000	32 / 36	89%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	1000	**12**	7800	**3**
Benzo(A)Pyrene	50-32-8	ug/kg	10	53000	31 / 36	86%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	1000	**12**	1000	**12**
Benzo(B)Fluoranthene	205-99-2	ug/kg	31	43000	30 / 36	83%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	1000	**15**	7800	**3**
Benzo(G,H,I)Perylene	191-24-2	ug/kg	54	35000	24 / 36	67%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	29600	**1**	2500000	0
Benzo(K)Fluoranthene	207-08-9	ug/kg	26	51000	27 / 36	75%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	1000	**12**	78000	0
Bis(2-Ethylhexyl)Phthalate	117-81-7	ug/kg	30	960	11 / 36	31%	SB34	10/22/2002	SB34-05-08~A0RG4-19A70~~102202	11000	0	410000	0
Carbazole	86-74-8	ug/kg	11	17000	19 / 36	53%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	10600	**1**	286200	0
Chrysene	218-01-9	ug/kg	15	69000	32 / 36	89%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	9400	**3**	780000	0
Dibenz(A,H)Anthracene	53-70-3	ug/kg	15	13000	22 / 36	61%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	1000	**5**	1000	**5**
Dibenzofuran	132-64-9	ug/kg	12	15000	12 / 36	33%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	8000	**1**	2500000	0
Diethylphthalate	84-66-2	ug/kg	68	990	3 / 36	8%	SB35	10/22/2002	SB35-00-05~A0SE5-7A70~~102202	440000	0	2500000	0
Di-N-Butyl Phthalate	84-74-2	ug/kg	22	530	4 / 36	11%	SB119	10/23/2008	80018-SB119-0507	140000	0	2500000	0
Di-N-Octyl Phthalate	117-84-0	ug/kg	81	310	2 / 36	6%	SB34	10/22/2002	SB34-05-08~A0RG4-19A70~~102202	20000	0	2500000	0
Fluoranthene	206-44-0	ug/kg	25	160000	32 / 36	89%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	56000	**1**	2500000	0
Fluorene	86-73-7	ug/kg	21	17000	16 / 36	44%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	56000	0	2500000	0
Indeno(1,2,3-Cd)Pyrene	193-39-5	ug/kg	25	41000	29 / 36	81%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	3000	**4**	7800	**1**
Isophorone	78-59-1	ug/kg	3000	3000	1 / 36	3%	SB46	5/21/2004	S-052104-JR-156	1840000	0	2500000	0
Naphthalene	91-20-3	ug/kg	10	24000	16 / 41	39%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	56000	0	2500000	0
Phenanthrene	85-01-8	ug/kg	17	160000	33 / 36	92%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	40000	**1**	2500000	0
Pyrene	129-00-0	ug/kg	21	170000	32 / 36	89%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	40000	**1**	2500000	0
Toxic Equivalent - Carcinogenic PAHs	PAH-TEQ	ug/kg	9.52	80779	32 / 36	89%	SB27	10/22/2002	SB27-05-10~A0SE5-8DA70~~102202	1000	**14**	--	

Notes:
CT-Soil Direct Exposure; Industrial/Commercial - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-4C
Industrial/Commercial Subsurface (2'-10') Soil Pesticides Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-SO-PMC-GB		CTDEP-SO-ICDEC	
Parameter	**CAS #**	**Units**	**Min.**	**Max.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
4,4'-DDD	72-54-8	ug/kg	1.9	8.6	7 / 35	20%	10/22/2008	80018-SB128-0507	--	0	23800	0
4,4'-DDE	72-55-9	ug/kg	1.1	54	11 / 34	32%	5/14/2004	S-051404-JR-014	--	0	16800	0
4,4'-DDT	50-29-3	ug/kg	1.9	36	12 / 34	35%	10/22/2008	80018-SB128-0507	--	0	16800	0
Aldrin	309-00-2	ug/kg	3.9	3.9	1 / 36	3%	5/20/2004	S-052004-JR-147	6	0	340	0
Alpha-BHC	319-84-6	ug/kg	1	4.3	2 / 36	6%	10/3/2002	SB-25-04-06~021014-06~~100302	80	0	910	0
Alpha-Chlordane	5103-71-9	ug/kg	0.56	7.3	8 / 27	30%	3/29/2011	80018-SB197-0410-0311	--		--	
Beta-BHC	319-85-7	ug/kg	0.83	10	6 / 36	17%	3/29/2011	80018-SB202-0410-0311	280	0	3200	0
Delta-BHC	319-86-8	ug/kg	1.5	2.3	2 / 36	6%	3/29/2011	80018-SB202-0410-0311	280	0	3200	0
Dieldrin	60-57-1	ug/kg	1.1	2	2 / 36	6%	10/22/2008	80018-SB128-0507	7	0	360	0
Endosulfan I	959-98-8	ug/kg	1.5	2.4	4 / 36	11%	3/29/2011	80018-SB202-0410-0311	--		--	
Endosulfan II	33213-65-9	ug/kg	1.5	4.8	5 / 36	14%	5/20/2004	S-052004-JR-147	--		--	
Endosulfan Sulfate	1031-07-8	ug/kg	1.2	9.7	9 / 36	25%	10/23/2008	80018-SB120-0507	32000	0	408800	0
Endrin	72-20-8	ug/kg	2.8	6.1	3 / 35	9%	3/29/2011	80018-SB201-0410-0311	--		610000	0
Endrin Aldehyde	7421-93-4	ug/kg	2.5	16	12 / 35	34%	3/29/2011	80018-SB202-0410-0311	70	0	613200	0
Endrin Ketone	53494-70-5	ug/kg	1.6	31	17 / 34	50%	3/29/2011	80018-SB202-0410-0311	70	0	613200	0
Gamma-BHC (Lindane)	58-89-9	ug/kg	7.6	7.6	1 / 36	3%	10/22/2002	A0SE5-8~~~102202	40	0	610000	0
Gamma-Chlordane	5103-74-2	ug/kg	0.55	8.1	8 / 28	29%	3/29/2011	80018-SB197-0410-0311	--		--	
Heptachlor	76-44-8	ug/kg	0.89	4.2	2 / 36	6%	5/14/2004	S-051404-JR-012	13	0	1300	0
Heptachlor Epoxide	1024-57-3	ug/kg	0.69	5.7	6 / 36	17%	7/15/2004	S-071504-DK-201	20	0	630	0
Methoxychlor	72-43-5	ug/kg	11	190	4 / 35	11%	5/14/2004	S-051404-JR-014	8000	0	10000000	0

Notes:
CT-Soil Direct Exposure; Industrial/Commercial - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-4D
Industrial/Commercial Subsurface (2'-10') Soil PCBs Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

										Action Level Code	CT-SO-ICDEC-STND	
Parameter	**CAS #**	**Units**	**Min.**	**Max.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Date of Max. Detect**	**Sample ID of Max. Detect**		**Action Level**	**# Exceedances**
Aroclor 1242	53469-21-9	ug/kg	6.4	9.5	2 / 36	6%	MW4D	5/20/2004	S-052004-JR-147		--	
Aroclor 1254	11097-69-1	ug/kg	5.1	21	3 / 36	8%	SB47	5/19/2004	S-051904-JR-128		--	
Aroclor 1260	11096-82-5	ug/kg	4.9	120	6 / 36	17%	SB128	10/22/2008	80018-SB128-0507		--	
Polychlorinated Biphenyls	1336-36-3	ug/kg	4.9	120	8 / 36	22%	SB128	10/22/2008	80018-SB128-0507		10000	0

Notes:
CT-Soil Direct Exposure; Industrial/Commercial - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-4E
Commercial Subsurface (2'-10') Soil Dioxins/Furans Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB		EPA-RSL-IND-SOIL-2010	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Location of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	ng/Kg	113	113	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-P-Dioxin	3268-87-9	ng/Kg	668	668	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	ng/Kg	53.1	53.1	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	35822-46-9	ng/Kg	77.1	77.1	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	ng/Kg	3.25	3.25	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	ng/Kg	5.32	5.32	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	39227-28-6	ng/Kg	0.997	0.997	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	ng/Kg	3.36	3.36	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	57653-85-7	ng/Kg	3.91	3.91	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	ng/Kg	1.26	1.26	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	19408-74-3	ng/Kg	2.5	2.5	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	ng/Kg	1.86	1.86	1 / 1	100%	11/11/2008	SB155	--		--		--	
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	40321-76-4	ng/Kg	0.918	0.918	1 / 1	100%	11/11/2008	SB155	--		--		--	
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	ng/Kg	3.93	3.93	1 / 1	100%	11/11/2008	SB155	--		--		--	
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	ng/Kg	2.63	2.63	1 / 1	100%	11/11/2008	SB155	--		--		--	
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	ng/Kg	1.94	1.94	1 / 1	100%	11/11/2008	SB155	--		--		--	
Heptachlorodibenzofuran (total)	38998-75-3	ng/Kg	112	112	1 / 1	100%	11/11/2008	SB155	--		--		--	
Heptachlorodibenzo-p-dioxin (total)	37871-00-4	ng/Kg	182	182	1 / 1	100%	11/11/2008	SB155	--		--		--	
Hexachlorodibenzofuran (total)	55684-94-1	ng/Kg	59.2	59.2	1 / 1	100%	11/11/2008	SB155	--		--		--	
Hexachlorodibenzo-p-dioxin (total)	34465-46-8	ng/Kg	33.1	33.1	1 / 1	100%	11/11/2008	SB155	--		--		390	0
Pentachlorodibenzofuran (total)	30402-15-4	ng/Kg	61.7	61.7	1 / 1	100%	11/11/2008	SB155	--		--		--	
Pentachlorodibenzo-p-dioxin (total)	36088-22-9	ng/Kg	12.3	12.3	1 / 1	100%	11/11/2008	SB155	--		--		--	
Tetrachlorodibenzo(p)dioxin (total)	41903-57-5	ng/Kg	5.43	5.43	1 / 1	100%	11/11/2008	SB155	--		--		--	
Tetrachlorodibenzofuran (total)	55722-27-5	ng/Kg	40	40	1 / 1	100%	11/11/2008	SB155	--		--		--	
Toxicity Equivalency	TEF	ng/Kg	5.65	5.65	1 / 1	100%	11/11/2008	SB155	--		--		18	0

Notes:
CT-Soil Direct Exposure; Industrial/Commercial - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
ng/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-4F
Commercial Subsurface (2'-10') Soil Total Metals Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC-STND		CTDEP-SO-PMC-GB-P	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedance**	**Action Level**	**# Exceedance**
Aluminum	7429-90-5	mg/Kg	5210	1190	9620	2380	35 / 35	100%	SB38	--		8.7	**35**
Antimony	7440-36-0	mg/Kg	2.36	0.33	14.6	3.69	14 / 35	40%	SB197	8200	0	--	
Arsenic	7440-38-2	mg/Kg	10.8	1.7	69.9	13.2	35 / 35	100%	SB203	10	**8**	--	
Barium	7440-39-3	mg/Kg	295	35.7	5200	874	35 / 35	100%	SB45	140000	0	--	
Beryllium	7440-41-7	mg/Kg	0.692	0.28	1.5	0.32	28 / 35	80%	SB47	2	0	--	
Cadmium	7440-43-9	mg/Kg	10.4	0.18	60.3	15.8	30 / 35	86%	SB18	1000	0	--	
Calcium	7440-70-2	mg/Kg	4150	350	27300	6070	27 / 27	100%	SB26	--		--	
Chromium	7440-47-3	mg/Kg	12.8	4	36.3	7.77	35 / 35	100%	SB202	51000	0	--	
Cobalt	7440-48-4	mg/Kg	5.74	2.9	11.2	1.98	35 / 35	100%	SB35	--		2400	0
Copper	7440-50-8	mg/Kg	2140	18.6	24000	5210	33 / 33	100%	SB197	76000	0	--	
Cyanide	57-12-5	mg/Kg	0.791	0.07	5.8	1.56	14 / 35	40%	SB198	41000	0	0.52	**2**
Iron	7439-89-6	mg/Kg	11800	2230	34600	6560	27 / 27	100%	SB202	--		--	
Lead	7439-92-1	mg/Kg	432	5.4	4970	898	35 / 35	100%	SB45	1000	**5**	--	
Magnesium	7439-95-4	mg/Kg	1560	78.1	4620	1190	27 / 27	100%	SB120	--		--	
Manganese	7439-96-5	mg/Kg	144	9.6	336	95.6	27 / 27	100%	SB35	--		3.9	**27**
Mercury	7439-97-6	mg/Kg	0.366	0.034	2.9	0.641	30 / 35	86%	SB119	610	0	--	
Nickel	7440-02-0	mg/Kg	34	7.4	170	38.1	35 / 35	100%	SB197	7500	0	--	
Potassium	7440-09-7	mg/Kg	815	135	2410	641	25 / 25	100%	SB193	--		--	
Selenium	7782-49-2	mg/Kg	2.98	0.78	9.7	2.38	18 / 35	51%	SB203	10000	0	--	
Silver	7440-22-4	mg/Kg	5.87	0.16	92.5	18.2	28 / 35	80%	MW4D	10000	0	--	
Sodium	7440-23-5	mg/Kg	856	38.2	12400	2650	21 / 27	78%	SB18	--		--	
Thallium	7440-28-0	mg/Kg	0.918	0.24	1.6	0.558	5 / 35	14%	SB20	160	0	--	
Vanadium	7440-62-2	mg/Kg	43.1	9	446	76.6	35 / 35	100%	SB202	14000	0	--	
Zinc	7440-66-6	mg/Kg	2680	8.2	22800	5540	35 / 35	100%	SB119	610000	0	--	

Notes:
CT-Soil Direct Exposure; Industrial/Commercial - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B. Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
EPA Regional Screening Level - Screening Levels for Chemical Contaminants at Superfund Sites;Industrial Soil Scenario; May 2012.
mg/Kg - Milligram per Kilogram (part per million)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-4G
Commercial Subsurface (2'-10') Soil SPLP Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-PMC-GB-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedance**
Aluminum	7429-90-5	ug/L	990	13.9	3010	896	11 / 11	100%	SB200	--	
Arsenic	7440-38-2	ug/L	19.3	2.6	57.6	22.6	5 / 18	28%	SB202	100	0
Barium	7440-39-3	ug/L	179	38.8	378	104	12 / 18	67%	SB203	10000	0
Beryllium	7440-41-7	ug/L	0.68	0.68	0.68	0	1 / 12	8%	SB200	40	0
Cadmium	7440-43-9	ug/L	3.25	0.19	14.8	5.14	9 / 18	50%	SB197	50	0
Calcium	7440-70-2	ug/L	8500	1340	28700	8340	11 / 11	100%	SB204	--	
Chromium	7440-47-3	ug/L	2.35	1	3.9	1.52	4 / 18	22%	SB202	500	0
Cobalt	7440-48-4	ug/L	1.17	0.63	2.2	0.548	8 / 11	73%	SB200	--	
Copper	7440-50-8	ug/L	343	15.6	1070	428	9 / 12	75%	SB197	13000	0
Cyanide	57-12-5	ug/L	15	3.3	26.6	16.5	2 / 11	18%	SB198	2000	0
Iron	7439-89-6	ug/L	905	52	3250	875	11 / 11	100%	SB200	--	
Lead	7439-92-1	ug/L	51.7	1.4	170	55.9	13 / 18	72%	SB198	150	**1**
Magnesium	7439-95-4	ug/L	534	107	1270	300	11 / 11	100%	SB194	--	
Manganese	7439-96-5	ug/L	37.8	2.4	207	58.4	11 / 11	100%	SB200	--	
Mercury	7439-97-6	ug/L	0.291	0.08	0.51	0.135	8 / 18	44%	SB203	20	0
Nickel	7440-02-0	ug/L	13.6	1.3	51.5	14.1	12 / 12	100%	SB20	1000	0
Potassium	7440-09-7	ug/L	974	356	2520	668	11 / 11	100%	SB204	--	
Sodium	7440-23-5	ug/L	12200	5560	62800	16800	11 / 11	100%	SB202	--	
Vanadium	7440-62-2	ug/L	261	1.7	2410	756	10 / 12	83%	SB202	500	**1**
Zinc	7440-66-6	ug/L	684	24.4	3980	1130	12 / 12	100%	SB197	50000	0

Notes:
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-4H
Commercial Subsurface (2'-10') Soil Chromium Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

										Action Level Code	CT-SO-ICDEC-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Detect**		**Action Level**	**# Exceedance**
Chromium	7440-47-3	mg/Kg	19.7	18.1	21.2	2.19	2 / 2	100%	SB204		--	
Chromium-Hexavalent	18540-29-9	mg/Kg	0.335	0.323	0.347	0.017	2 / 2	100%	SB197		100	0
Chromium-Trivalent	16065-83-1	mg/Kg	19.3	17.7	20.8	2.19	2 / 2	100%	SB204		51000	0

Notes:
CT-Soil Direct Exposure; Industrial/Commercial - State of Connecticut Regulation DEP Appendix A
mg/Kg - Milligram per Kilogram (part per million)
-- - No standard value is available
VALUE Indicates that an exceedance of the screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-4l
Commercial Subsurface (2'-10') Soil TOC Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
TOTAL ORGANIC CARBON (TOC)	TOC	mg/kg	104000	27500	2 / 6	33%	10/21/2002	SB20-05-10~202164-008~~102102

Table 4-5A
Residential (Greater than 10') Soil VOCs Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-PMC-GB		CT-SO-RDEC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**		**Action Level**	**# Exceedances**
1,2,3-Trichlorobenzene	87-61-6	µg/Kg	150	120	2 / 27	7%	10/10/2002	SB01-12-13~AA26025~~101002	--			--	
1,2,4-Trichlorobenzene	120-82-1	µg/Kg	160	110	2 / 30	7%	10/10/2002	SB01-12-13~AA26025~~101002	2400	0		116200	0
2-Butanone	78-93-3	µg/Kg	700	2	4 / 29	14%	10/10/2002	SB01-12-13~AA26025~~101002	80000	0		500000	0
2-Hexanone	591-78-6	µg/Kg	3	3	1 / 30	3%	10/16/2002	SB13-12-13~AA25799~~101602	--			--	
Acetone	67-64-1	µg/Kg	2200	6	20 / 29	69%	10/10/2002	SB01-12-13~AA26025~~101002	140000	0		500000	0
Bromodichloromethane	75-27-4	µg/Kg	81	81	1 / 30	3%	10/27/2008	80018-SB143-1012	40	**1**		1100	0
Carbon Disulfide	75-15-0	µg/Kg	48	1	3 / 30	10%	10/17/2002	SB21-17-18~AA26028~~101702	140000	0		500000	0
Chloroform	67-66-3	µg/Kg	660	2	3 / 30	10%	10/27/2008	80018-SB143-1012	1200	0		100000	0
Cis-1,2-Dichloroethene	156-59-2	µg/Kg	1	1	2 / 30	7%	10/16/2002	SB13-12-13~AA25799~~101602	14000	0		500000	0
Dichlorodifluoromethane	75-71-8	µg/Kg	6	6	1 / 30	3%	5/25/2004	S-052504-JR-168	2000			500000	
Isopropylbenzene	98-82-8	µg/Kg	13	13	1 / 30	3%	10/16/2002	SB13-12-13~AA25799~~101602	18000	0		500000	0
m,p-Xylene	179601-23-1	µg/Kg	130	61	2 / 27	7%	10/27/2008	80018-SB171-1012	19500	0		500000	0
Methyl Acetate	79-20-9	µg/Kg	350	84	6 / 8	75%	10/30/2008	80018-SB140-0911	--			--	
Methyl Tert-Butyl Ether	1634-04-4	µg/Kg	18	4	16 / 30	53%	10/17/2002	SB21-17-18~AA26028~~101702	20000	0		500000	0
n-Propylbenzene	103-65-1	µg/Kg	19	19	1 / 19	5%	10/16/2002	SB13-12-13~AA25799~~101602	14000	0		500000	0
O-Xylene	95-47-6	µg/Kg	100	47	2 / 27	7%	10/24/2002	SB04-10-11~AA26037~~102402	19500	0		500000	0
Toluene	108-88-3	µg/Kg	10	10	1 / 30	3%	10/16/2002	SB13-12-13~AA25799~~101602	67000	0		500000	0
Trichloroethene	79-01-6	µg/Kg	95	2	2 / 30	7%	10/27/2008	80018-SB143-1012	1000	0		56000	0
Vinyl Chloride	75-01-4	µg/Kg	140	1	4 / 30	13%	5/25/2004	S-052504-JR-168	400	0		320	0

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-5B
Residential (Greater than 10') Soil SVOCs Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-PMC-GB		CT-SO-RDEC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**		**Action Level**	**# Exceedances**
1,1'-Biphenyl	92-52-4	µg/Kg	900	28	7 / 26	27%	10/11/2002	SB13-10-15~V2101618.D~~101102	--			--	
2,3,4,6-Tetrachlorophenol	58-90-2	µg/Kg	110	110	1 / 8	13%	10/23/2008	80018-SB151-1517	--			--	
2,4-Dimethylphenol	105-67-9	µg/Kg	1500	28	3 / 29	10%	10/11/2002	SB13-10-15~V2101618.D~~101102	28000	0		1000000	0
2-Methylnaphthalene	91-57-6	µg/Kg	1100	20	14 / 29	48%	10/27/2008	80018-SB171-1012	5500			271000	0
4-Methylphenol	106-44-5	µg/Kg	1400	22	3 / 29	10%	10/11/2002	SB13-10-15~V2101711.D~~101102	111000	0		203200	0
Acenaphthene	83-32-9	µg/Kg	1900	23	15 / 29	52%	10/11/2002	SB13-10-15~V2101711.D~~101102	30000	0		1000000	0
Acenaphthylene	208-96-8	µg/Kg	2500	29	14 / 29	48%	10/11/2002	SB13-10-15~V2101618.D~~101102	84000	0		1000000	0
Acetophenone	98-86-2	µg/Kg	95	49	3 / 29	10%	10/27/2008	80018-SB144-1012	--			--	
Anthracene	120-12-7	µg/Kg	4900	51	17 / 29	59%	10/11/2002	SB13-10-15~V2101618.D~~101102	400000	0		1000000	0
Benzaldehyde	100-52-7	µg/Kg	520	30	6 / 29	21%	10/11/2002	SB13-10-15~V2101618.D~~101102	--			--	
Benzo(A)Anthracene	56-55-3	µg/Kg	14000	43	19 / 29	66%	10/27/2008	80018-SB144-1012	1000	**8**		1000	**8**
Benzo(A)Pyrene	50-32-8	µg/Kg	18000	45	19 / 29	66%	10/27/2008	80018-SB144-1012	1000	**7**		1000	**7**
Benzo(B)Fluoranthene	205-99-2	µg/Kg	19000	48	19 / 29	66%	10/27/2008	80018-SB144-1012	1000	**8**		1000	**8**
Benzo(G,H,I)Perylene	191-24-2	µg/Kg	4600	31	18 / 29	62%	10/11/2002	SB13-10-15~V2101711.D~~101102	42000	0		1000000	0
Benzo(K)Fluoranthene	207-08-9	µg/Kg	15000	46	17 / 29	59%	10/27/2008	80018-SB144-1012	1000	**8**		8400	**1**
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/Kg	1400	47	20 / 29	69%	10/9/2002	SB14-10-15~V2101619.D~~100902	11000	0		44000	0
Caprolactam	105-60-2	µg/Kg	720	23	3 / 29	10%	10/11/2002	SB15-10-15~V2101705.D~~101102	--			--	
Carbazole	86-74-8	µg/Kg	2500	46	14 / 29	48%	10/11/2002	SB13-10-15~V2101618.D~~101102	10600	0		3300	0
Chrysene	218-01-9	µg/Kg	15000	44	20 / 29	69%	10/27/2008	80018-SB144-1012	9400	**1**		84000	0
Dibenz(A,H)Anthracene	53-70-3	µg/Kg	1100	20	13 / 29	45%	10/11/2002	SB13-10-15~V2101711.D~~101102	1000	**1**		1000	**1**
Dibenzofuran	132-64-9	µg/Kg	2700	24	12 / 29	41%	10/11/2002	SB13-10-15~V2101618.D~~101102	8000	0		270000	0
Diethylphthalate	84-66-2	µg/Kg	30	30	1 / 29	3%	10/10/2002	SB23-10-15~V2101608.D~ FDOFA0KM1~101002	440000	0		1000000	0
Di-N-Butyl Phthalate	84-74-2	µg/Kg	770	29	7 / 29	24%	5/27/2004	S-052704-JR-178	140000	0		1000000	0
Fluoranthene	206-44-0	µg/Kg	35000	49	22 / 29	76%	10/27/2008	80018-SB144-1012	56000	0		1000000	0
Fluorene	86-73-7	µg/Kg	5000	18	19 / 29	66%	10/11/2002	SB13-10-15~V2101618.D~~101102	56000	0		1000000	0
Indeno(1,2,3-CD)Pyrene	193-39-5	µg/Kg	5700	36	18 / 29	62%	10/11/2002	SB13-10-15~V2101618.D~~101102	3000	**3**		1000	**4**
Naphthalene	91-20-3	µg/Kg	800	1	18 / 48	38%	10/27/2008	80018-SB171-1012	56000	0		1000000	0
Phenanthrene	85-01-8	µg/Kg	23000	74	21 / 29	72%	10/11/2002	SB13-10-15~V2101618.D~~101102	40000	0		1000000	0
Pyrene	129-00-0	µg/Kg	22000	55	22 / 29	76%	10/11/2002	SB13-10-15~V2101711.D~~101102	40000	0		1000000	0
Toxic Equivalent - Carcinogenic PAHs	PAH-TEQ	µg/Kg	22675	0.044	20 / 29	69%	10/27/2008	80018-SB144-1012	1000	**9**		1000	**9**

Table 4-5B
Residential (Greater than 10') Soil SVOCs Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-PMC-GB		CT-SO-RDEC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**		**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-5C
Residential (Greater than 10') Soil Pesticides Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-PMC-GB		CT-SO-RDEC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**		**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
4,4'-DDD	72-54-8	µg/Kg	62	0.61	5 / 28	18%	10/11/2002	SB13-10-15~50985.13~~101102		--		1700	0
4,4'-DDE	72-55-9	µg/Kg	16	2.1	4 / 28	14%	5/25/2004	S-052504-JR-171		--		1200	0
4,4'-DDT	50-29-3	µg/Kg	27	1.1	5 / 28	18%	10/11/2002	SB13-10-15~50985.13~~101102		--		1200	0
Alpha-BHC	319-84-6	µg/Kg	3.1	3.1	1 / 28	4%	10/23/2008	80018-SB151-1517		--		70	0
Alpha-Chordane	5103-71-9	µg/Kg	1.2	1.2	1 / 25	4%	10/27/2008	80018-SB143-1012		66	0	490	0
Beta-BHC	319-85-7	µg/Kg	0.5	0.5	1 / 28	4%	10/11/2002	SB13-15-20~50985.12~~101102		--		200	0
Dieldrin	60-57-1	µg/Kg	9.4	0.41	6 / 28	21%	10/27/2008	80018-SB171-1012		7	**2**	38	0
Endosulfan I	959-98-8	µg/Kg	2	1.8	2 / 28	7%	10/27/2008	80018-SB144-1012		8400	0	410000	0
Endosulfan Sulfate	1031-07-8	µg/Kg	20	4.1	5 / 28	18%	10/27/2008	80018-SB144-1012		8400	0	13600	0
Endrin	72-20-8	µg/Kg	8.3	1.1	3 / 28	11%	10/27/2008	80018-SB171-1012		--		20000	0
Endrin Aldehyde	7421-93-4	µg/Kg	16	0.94	6 / 27	22%	10/23/2008	80018-SB151-1517		--		20300	0
Endrin Ketone	53494-70-5	µg/Kg	33	9.8	6 / 28	21%	10/11/2002	SB13-10-15~50985.13~~101102		--		20300	0
Gamma-BHC (Lindane)	58-89-9	µg/Kg	0.68	0.68	1 / 28	4%	10/10/2002	SB23-10-15~50977.06 ~FDOFA0KM1~101002		40	0	20000	0
Gamma-Chlordane	5103-74-2	µg/Kg	14	0.35	8 / 25	32%	10/11/2002	SB13-10-15~50985.13~~101102		66	0	490	0
Heptachlor	76-44-8	µg/Kg	1.8	1.2	4 / 28	14%	10/11/2002	SB13-15-20~50985.12~~101102		13	0	140	0
Heptachlor Epoxide	1024-57-3	µg/Kg	1.4	1.4	1 / 28	4%	10/27/2008	80018-SB144-1012		20	0	67	0
Methoxychlor	72-43-5	µg/Kg	18	18	1 / 28	4%	10/23/2008	80018-SB151-1517		8000	0	340000	0

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-5D
Residential (Greater than 10') Soil PCBs Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	**CT-SO-PMC-GB**		**CT-SO-RDEC**	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
AROCLOR 1242	53469-21-9	µg/Kg	1900	30	2 / 40	5%	11/13/2008	80018-CAP16-1012	--		--	
AROCLOR 1254	11097-69-1	µg/Kg	5700	33	17 / 40	40%	11/12/2008	80018-CAP08-1416	--		--	
AROCLOR 1260	11096-82-5	µg/Kg	3700	11	17 / 39	40%	11/12/2008	80018-CAP08-1416	--		--	
Polychlorinated Biphenyls	1336-36-3	µg/Kg	9400	32	22 / 22	52%	11/12/2008	80018-CAP08-1416	--		1000	**5**

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-5E
Residential (Greater than 10') Soil Dioxins/Furans Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	EPA-RES-SOIL-RSL-2012
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	ng/Kg	89.4	89.4	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-P-Dioxin	3268-87-9	ng/Kg	1890	1890	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	ng/Kg	44.2	44.2	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	35822-46-9	ng/Kg	119	119	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	ng/Kg	4.51	4.51	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	ng/Kg	3.29	3.29	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	39227-28-6	ng/Kg	0.782	0.782	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	ng/Kg	2.83	2.83	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	57653-85-7	ng/Kg	5.4	5.4	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	ng/Kg	1.33	1.33	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	19408-74-3	ng/Kg	1.79	1.79	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	ng/Kg	1.17	1.17	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	40321-76-4	ng/Kg	0.612	0.612	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	ng/Kg	3.78	3.78	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	ng/Kg	2.63	2.63	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	ng/Kg	2.8	2.8	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
Heptachlorodibenzofuran (Total)	38998-75-3	ng/Kg	149	149	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
Heptachlorodibenzo-P-Dioxin (Total)	37871-00-4	ng/Kg	244	244	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
Hexachlorodibenzofuran (Total)	55684-94-1	ng/Kg	56.3	56.3	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
Hexachlorodibenzo-P-Dioxin (Total)	34465-46-8	ng/Kg	44.7	44.7	1 / 1	100%	11/11/2008	80018-SB171-2-1012	94	0
Pentachlorodibenzofuran (Total)	30402-15-4	ng/Kg	34.8	34.8	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
Pentachlorodibenzo-P-Dioxin (Total)	36088-22-9	ng/Kg	13.8	13.8	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
Tetrachlorodibenzo(P)Dioxin (Total)	41903-57-5	ng/Kg	5.83	5.83	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
Tetrachlorodibenzofuran (Total)	55722-27-5	ng/Kg	34.2	34.2	1 / 1	100%	11/11/2008	80018-SB171-2-1012	--	
Toxicity Equivalency	TEF	ng/Kg	5.91	5.91	1 / 1	100%	11/11/2008	80018-SB171-2-1012	4.5	**1**

Notes:

EPA Regional Screening Level - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.

ng/Kg - Nanograms per Kilogram (part per trillion)

-- No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-5F
Residential (Greater than 10') Soil Metals Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-RDEC-STND		CTDEP-SO-PMC-GB-P	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	mg/Kg	7310	2520	13200	2670	28 / 28	100%	SB111	--		8.7	**28**
Antimony	7440-36-0	mg/Kg	1.31	0.54	2	0.734	3 / 28	11%	SB143	27	0	--	
Arsenic	7440-38-2	mg/Kg	5.74	1.1	22.6	5.44	23 / 28	82%	SB141	10	**4**	--	
Barium	7440-39-3	mg/Kg	145	23.2	891	213	28 / 28	100%	SB21	4700	0	--	
Beryllium	7440-41-7	mg/Kg	0.523	0.16	1.8	0.389	25 / 28	89%	SB21	2	0	--	
Cadmium	7440-43-9	mg/Kg	6.14	0	42.5	11.9	23 / 28	82%	SB143	34	**2**	--	
Calcium	7440-70-2	mg/Kg	2370	391	9530	2180	25 / 25	100%	SB13	--		--	
Chromium	7440-47-3	mg/Kg	16.8	4.2	58.5	11.9	28 / 28	100%	MW3D	3900	0	--	
Cobalt	7440-48-4	mg/Kg	5.66	3	8.2	1.45	28 / 28	100%	SB06	--		2400	0
Copper	7440-50-8	mg/Kg	854	10.2	9510	1920	28 / 28	100%	SB143	2500	**2**	--	
Cyanide	57-12-5	mg/Kg	3.34	0.37	7.91	3.19	5 / 28	18%	MW3D	1400	0	0.52	**4**
Iron	7439-89-6	mg/Kg	13700	4410	48300	8100	25 / 25	100%	SB151	--		--	
Lead	7439-92-1	mg/Kg	95.8	2.7	588	133	28 / 28	100%	SB143	500	**1**	--	
Magnesium	7439-95-4	mg/Kg	2290	338	4360	1090	25 / 25	100%	SB144	--		--	
Manganese	7439-96-5	mg/Kg	192	25.5	526	114	25 / 25	100%	SB06	--		3.9	**25**
Mercury	7439-97-6	mg/Kg	0.336	0.065	2.5	0.586	17 / 28	61%	MW3D	20	0	--	
Nickel	7440-02-0	mg/Kg	63.2	4.4	662	141	28 / 28	100%	SB21	1400	0	--	
Potassium	7440-09-7	mg/Kg	1430	450	2570	550	25 / 25	100%	SB14	--		--	
Selenium	7782-49-2	mg/Kg	1.37	0.44	2.4	0.602	9 / 28	32%	SB21	340	0	--	
Silver	7440-22-4	mg/Kg	8.79	0.27	63.6	19.4	11 / 28	39%	MW3D	340	0	--	
Sodium	7440-23-5	mg/Kg	612	75.7	4960	948	25 / 25	100%	SB12	--		--	
Vanadium	7440-62-2	mg/Kg	64	9.5	378	90.5	28 / 28	100%	SB151	470	0	--	
Zinc	7440-66-6	mg/Kg	1360	15.2	17500	3470	28 / 28	100%	SB143	20000	0	--	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria ar eavailable in the 1996 RSRs, the proposed 2008 criteria are used.
mg/Kg - Milligram per Kilogram (part per million)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-5G
Residential Deep Subsurface Soil SPLP Metals Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

										Action Level Code	CT-SO-PMC-GB-STND		CT-SO-RDEC-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**		**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Arsenic	7440-38-2	ug/L	5.1	5.1	5.1	0	1 / 8	13%	SB14		100	0	10000	0
Barium	7440-39-3	ug/L	27.2	16.2	40.8	12.5	3 / 8	38%	SB14		10000	0	4700000	0
Lead	7439-92-1	ug/L	16.8	13.2	20.4	5.09	2 / 8	25%	SB142		150	0	500000	0
Mercury	7439-97-6	ug/L	8	8	8	0	1 / 8	13%	SB144		20	0	20000	0
Nickel	7440-02-0	ug/L	99.3	99.3	99.3	0	1 / 3	33%	SB14		1000	0	1400000	0
Vanadium	7440-62-2	ug/L	2400	11	4790	3380	2 / 3	67%	SB14		500	**1**	470000	0
Zinc	7440-66-6	ug/L	34.8	34.8	34.8	0	1 / 3	33%	SB14		50000	0	20000000	0

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Litre (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-5H
Residential Deep Subsurface Soil TOC Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-PMC-GB-STND		CT-SO-RDEC-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Total Organic Carbon	TOC	ug/L	9990	1600	26700	14500	3 / 3	100%	SB14	--		--	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Litre (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-6A
Commercial (Greater than 10') Soil VOCs Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,2,3-Trichlorobenzene	87-61-6	µg/Kg	220	130	2 / 20	10%	10/29/2008	80018-SB139-1416	--		--	
1,2,4-Trichlorobenzene	120-82-1	µg/Kg	130	130	1 / 32	3%	10/9/2002	SB18-12-13~AA26113~~100902	1000000	0	24000	0
2-Butanone	78-93-3	µg/Kg	180	1	5 / 32	16%	5/19/2004	S-051904-JR-130	1000000	0	80000	0
Acetone	67-64-1	µg/Kg	3400	5	9 / 32	28%	10/9/2002	SB18-12-13~AA26113~~100902	1000000	0	140000	0
Benzene	71-43-2	µg/Kg	330	16	2 / 32	6%	10/29/2008	80018-SB139-1416	200000	0	200	**1**
Carbon Disulfide	75-15-0	µg/Kg	300	2	9 / 32	28%	10/29/2008	80018-SB139-1416	1000000	0	30000	0
Carbon Tetrachloride	56-23-5	µg/Kg	4000	4000	1 / 32	3%	10/22/2008	80018-SB121-0913	44000	0	100	**1**
Chloroform	67-66-3	µg/Kg	400	1	4 / 32	13%	10/22/2008	80018-SB121-0913	940000	0	1200	0
Cis-1,2-Dichloroethene	156-59-2	µg/Kg	350	1	3 / 32	9%	10/9/2002	SB18-12-13~AA26113~~100902	1000000	0	14000	0
Isopropylbenzene	98-82-8	µg/Kg	200	15	2 / 32	6%	10/29/2008	80018-SB148-1517	1000000	0	18000	0
m,p-Xylene	179601-23-1	µg/Kg	260	260	1 / 20	5%	10/29/2008	80018-SB139-1416	1000000		--	
Methyl Acetate	79-20-9	µg/Kg	400	84	7 / 12	58%	10/29/2008	80018-SB139-1416	--		--	
Methyl Tert-Butyl Ether	1634-04-4	µg/Kg	960	3	13 / 32	41%	5/21/2004	S-052104-JR-159	1000000	0	20000	0
Methylene Chloride	75-09-2	µg/Kg	230	8	2 / 32	6%	5/21/2004	S-052104-JR-159	760000	0	1000	0
O-Xylene	95-47-6	µg/Kg	2	2	1 / 20	5%	10/17/2002	SB27-16-17~AA26210~~101702	--		--	
Tetrachloroethene	127-18-4	µg/Kg	12000	3	3 / 32	9%	10/9/2002	SB18-12-13~AA26113~~100902	110000	0	1000	**1**
Toluene	108-88-3	µg/Kg	210	1	3 / 32	9%	10/29/2008	80018-SB139-1416	1000000	0	67000	0
Trans-1,2-Dichloroethene	156-60-5	µg/Kg	230	230	1 / 32	3%	10/29/2008	80018-SB139-1416	1000000	0	20000	0
Trichloroethene	79-01-6	µg/Kg	1800	0.5	3 / 32	9%	10/9/2002	SB18-12-13~AA26113~~100902	520000	0	1000	**1**
Vinyl Chloride	75-01-4	µg/Kg	270	3	3 / 32	9%	10/29/2008	80018-SB139-1416	3000	0	400	0

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-6B
Commercial (Greater than 10') Soil SVOCs Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,1'-Biphenyl	92-52-4	µg/Kg	2300	42	8 / 20	40%	10/25/2008	80018-SB156-1416	1000000		--	
2-Methylnaphthalene	91-57-6	µg/Kg	6800	29	13 / 32	41%	10/25/2008	80018-SB156-1416	2500000	0	--	
Acenaphthene	83-32-9	µg/Kg	26000	51	12 / 32	38%	10/25/2008	80018-SB156-1416	2500000	0	30000	0
Acenaphthylene	208-96-8	µg/Kg	2800	35	15 / 32	47%	5/19/2004	S-051904-JR-132	2500000	0	84000	0
Acetophenone	98-86-2	µg/Kg	660	44	5 / 32	16%	10/22/2002	SB27-10-15~A0SE5-9DA70~~102202	--		--	
Anthracene	120-12-7	µg/Kg	50000	12	24 / 32	75%	10/25/2008	80018-SB156-1416	2500000	0	400000	0
Benzaldehyde	100-52-7	µg/Kg	350	52	4 / 32	13%	10/22/2002	SB27-10-15~A0SE5-9DA70~~102202	--		--	
Benzo(A)Anthracene	56-55-3	µg/Kg	55000	22	29 / 32	91%	10/25/2008	80018-SB156-1416	7800	**5**	1000	**9**
Benzo(A)Pyrene	50-32-8	µg/Kg	47000	24	27 / 32	84%	10/25/2008	80018-SB156-1416	1000	**8**	1000	**8**
Benzo(B)Fluoranthene	205-99-2	µg/Kg	43000	55	27 / 32	84%	10/25/2008	80018-SB156-1416	7800	**5**	1000	**8**
Benzo(G,H,I)Perylene	191-24-2	µg/Kg	38000	40	20 / 32	63%	10/25/2008	80018-SB156-1416	2500000	0	29600	**2**
Benzo(K)Fluoranthene	207-08-9	µg/Kg	38000	21	22 / 32	69%	10/25/2008	80018-SB156-1416	78000	0	1000	**6**
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/Kg	1000	22	21 / 32	66%	10/25/2008	80018-SB156-1416	410000	0	11000	0
Butylbenzylphthalate	85-68-7	µg/Kg	27	27	1 / 32	3%	11/1/2008	80018-SB160-0911	2500000	0	200000	0
Caprolactam	105-60-2	µg/Kg	110	80	2 / 32	6%	10/21/2002	SB31-10-15~A0RG4-9A70~~102102	--		--	
Carbazole	86-74-8	µg/Kg	23000	14	13 / 32	41%	10/25/2008	80018-SB156-1416	286200	0	10600	**2**
Chrysene	218-01-9	µg/Kg	53000	24	29 / 32	91%	10/25/2008	80018-SB156-1416	780000	0	9400	**4**
Dibenz(A,H)Anthracene	53-70-3	µg/Kg	12000	18	15 / 32	47%	10/25/2008	80018-SB156-1416	1000	**5**	1000	**5**
Dibenzofuran	132-64-9	µg/Kg	16000	20	14 / 32	44%	10/25/2008	80018-SB156-1416	2500000	0	8000	**2**
Diethylphthalate	84-66-2	µg/Kg	42	16	3 / 32	9%	10/21/2002	SB31-15-20~A0RG4-17A70~~102102	2500000	0	440000	0
Di-N-Butyl Phthalate	84-74-2	µg/Kg	24	24	2 / 32	6%	5/12/2004	S-051204-JR-029	2500000	0	140000	0
Di-N-Butyl Phthalate	84-74-2	µg/Kg	24	24	2 / 32	6%	5/12/2004	S-051204-JR-031	2500000	0	140000	0
Di-N-Octyl Phthalate	117-84-0	µg/Kg	210	210	1 / 32	3%	10/21/2002	SB25-10-15~A0RG4-7A70~FDOFA0SD0~102102	2500000	0	20000	0
Fluoranthene	206-44-0	µg/Kg	180000	12	30 / 32	94%	10/25/2008	80018-SB156-1416	2500000	0	56000	**2**
Fluorene	86-73-7	µg/Kg	30000	32	14 / 32	44%	10/25/2008	80018-SB156-1416	2500000	0	56000	0
Indeno(1,2,3-CD)Pyrene	193-39-5	µg/Kg	37000	19	25 / 32	78%	10/25/2008	80018-SB156-1416	7800	**2**	3000	**7**
Naphthalene	91-20-3	µg/Kg	11000	2	16 / 40	40%	10/25/2008	80018-SB156-1416	2500000	0	56000	0
Phenanthrene	85-01-8	µg/Kg	180000	53	29 / 32	91%	10/25/2008	80018-SB156-1416	2500000	0	40000	**2**
Pyrene	129-00-0	µg/Kg	100000	44	29 / 32	91%	10/25/2008	80018-SB156-1416	2500000	0	40000	**3**
Toxic Equivalent - Carcinogenic PAHs	PAH-TEQ	µg/Kg	72933	2.224	29 / 32	91%	10/25/2008	80018-SB156-1416	1000	**9**	1000	**9**

Table 4-6B
Commercial (Greater than 10') Soil SVOCs Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-6C
Commercial (Greater than 10') Soil Pesticides Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**		**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
4,4'-DDD	72-54-8	µg/Kg	22	2.3	7 / 32	22%	10/25/2008	80018-DUP07-1416		23800	0	--	
4,4'-DDE	72-55-9	µg/Kg	23	0.95	6 / 32	19%	5/12/2004	S-051204-JR-031		16800	0	--	
4,4'-DDT	50-29-3	µg/Kg	14	1.4	6 / 32	19%	10/25/2008	80018-SB161-1012		16800	0	--	
Aldrin	309-00-2	µg/Kg	24	22	2 / 32	6%	10/25/2008	80018-DUP07-1416		340	0	--	
Alpha-Chordane	5103-71-9	µg/Kg	150	4.1	4 / 20	20%	10/25/2008	80018-SB156-1416		2200	0	66	**1**
Beta-BHC	319-85-7	µg/Kg	1.3	1.3	1 / 31	3%	5/20/2004	S-052004-JR-148		3200	0	--	
Dieldrin	60-57-1	µg/Kg	14	10	2 / 32	6%	10/25/2008	80018-DUP07-1416		360	0	7	**2**
Endosulfan I	959-98-8	µg/Kg	8.3	2.1	3 / 32	9%	10/25/2008	80018-SB161-1012		1200000	0	8400	0
Endosulfan Sulfate	1031-07-8	µg/Kg	8.8	8.8	1 / 31	3%	10/25/2008	80018-SB161-1012		408800	0	8400	0
Endrin	72-20-8	µg/Kg	11	5.5	3 / 32	9%	10/29/2008	80018-SB147-0911		610000	0	--	
Endrin Aldehyde	7421-93-4	µg/Kg	46	3.1	5 / 31	16%	10/25/2008	80018-SB161-1012		613200	0	--	
Endrin Ketone	53494-70-5	µg/Kg	14	2.3	7 / 31	23%	10/21/2002	SB26-10-15~A0RG4-15~~102102		613200	0	--	
Gamma-BHC (Lindane)	58-89-9	µg/Kg	7.1	2.6	3 / 32	9%	10/29/2008	80018-SB148-1517		610000	0	40	0
Heptachlor	76-44-8	µg/Kg	5.7	4.9	2 / 32	6%	10/25/2008	80018-DUP07-1416		1300	0	13	0
Heptachlor Epoxide	1024-57-3	µg/Kg	3.5	0.61	3 / 32	9%	10/25/2008	80018-SB161-1012		630	0	20	0
Methoxychlor	72-43-5	µg/Kg	70	70	1 / 32	3%	5/12/2004	S-051204-JR-031		10000000	0	8000	0

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-6D
Commercial (Greater than 10') Soil PCBs Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-SO-ICDEC		CT-SO-PMC-GB	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
AROCLOR 1254	11097-69-1	µg/Kg	18	3.5	5 / 32	15%	5/19/2004	S-051904-JR-132	--		--	
AROCLOR 1260	11096-82-5	µg/Kg	19	3.4	4 / 32	12%	5/12/2004	S-051204-JR-031	--		--	
Polychlorinated Biphenyls	1336-36-3	µg/Kg	27.4	3.5	6 / 33	18%	5/19/2004	S-051904-JR-132	10000	0	--	

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-6E
Commercial (Greater than 10') Soil Dioxins/Furans Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	EPA-RSL-IND-SOIL-2012	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	ng/Kg	115	115	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-P-Dioxin	3268-87-9	ng/Kg	179	179	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	ng/Kg	53	53	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	35822-46-9	ng/Kg	30.7	30.7	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	ng/Kg	6.42	6.42	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	ng/Kg	10.8	10.8	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	39227-28-6	ng/Kg	1.09	1.09	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	ng/Kg	7.1	7.1	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	57653-85-7	ng/Kg	4.67	4.67	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	ng/Kg	2.89	2.89	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	19408-74-3	ng/Kg	2.63	2.63	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	ng/Kg	3.35	3.35	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	40321-76-4	ng/Kg	1.45	1.45	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	ng/Kg	8.75	8.75	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	ng/Kg	3.99	3.99	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	ng/Kg	2.45	2.45	1 / 2	50%	11/5/2008	80018-SB149-1516	--	
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	1746-01-6	ng/Kg	0.33	0.33	1 / 2	50%	11/5/2008	80018-SB149-1516	18	0
Heptachlorodibenzofuran (total)	38998-75-3	ng/Kg	90.6	90.6	1 / 1	100%	11/5/2008	80018-SB149-1516	--	
Heptachlorodibenzo-p-dioxin (total)	37871-00-4	ng/Kg	56.4	56.4	1 / 1	100%	11/5/2008	80018-SB149-1516	--	
Hexachlorodibenzofuran (total)	55684-94-1	ng/Kg	115	115	1 / 1	100%	11/5/2008	80018-SB149-1516	--	
Hexachlorodibenzo-p-dioxin (total)	34465-46-8	ng/Kg	34.3	34.3	1 / 1	100%	11/5/2008	80018-SB149-1516	390	0
Pentachlorodibenzofuran (total)	30402-15-4	ng/Kg	155	155	1 / 1	100%	11/5/2008	80018-SB149-1516	--	
Pentachlorodibenzo-p-dioxin (total)	36088-22-9	ng/Kg	20.8	20.8	1 / 1	100%	11/5/2008	80018-SB149-1516	--	
Tetrachlorodibenzo(p)dioxin (total)	41903-57-5	ng/Kg	11.3	11.3	1 / 1	100%	11/5/2008	80018-SB149-1516	--	
Tetrachlorodibenzofuran (total)	55722-27-5	ng/Kg	77.2	77.2	1 / 1	100%	11/5/2008	80018-SB149-1516	--	
Toxicity Equivalency	TEF	ng/Kg	8.1	8.1	1 / 1	100%	11/5/2008	80018-SB149-1516	18	0

Notes:

EPA Regional Screening Level - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.

ng/Kg - Nanograms per Kilogram (part per trillion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-6F
Commercial (Greater than 10') Soil Metals Data Results Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC-STND		CTDEP-SO-PMC-GB-P	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	mg/Kg	5660	788	12600	3300	33 / 33	100%	SB160	--		8.7	**33**
Antimony	7440-36-0	mg/Kg	1.75	0.56	3.3	1.4	3 / 33	9%	SB27	8200	0	--	
Arsenic	7440-38-2	mg/Kg	9.54	1.5	19.7	4.71	32 / 33	97%	SB27	10	**16**	--	
Barium	7440-39-3	mg/Kg	150	22.3	742	144	33 / 33	100%	SB147	140000	0	--	
Beryllium	7440-41-7	mg/Kg	0.749	0.11	1.8	0.454	23 / 33	70%	SB147	2	0	--	
Cadmium	7440-43-9	mg/Kg	25.7	0.074	204	55.8	25 / 33	76%	SB18	1000	0	--	
Calcium	7440-70-2	mg/Kg	4150	353	23300	4850	21 / 21	100%	SB27	--		--	
Chromium	7440-47-3	mg/Kg	41.9	4.7	655	116	33 / 33	100%	SB27	51000	0	--	
Cobalt	7440-48-4	mg/Kg	6.26	2.5	12.4	2.73	33 / 33	100%	SB47	--		2400	0
Copper	7440-50-8	mg/Kg	1030	10.6	10400	1920	31 / 31	100%	SB26	76000	0	--	
Cyanide	57-12-5	mg/Kg	0.468	0.08	1.67	0.613	6 / 33	18%	MW4D	41000	0	0.52	**1**
Iron	7439-89-6	mg/Kg	10100	2560	21600	4560	21 / 21	100%	SB27	--		--	
Lead	7439-92-1	mg/Kg	188	2.2	1240	303	33 / 33	100%	SB26	1000	**2**	--	
Magnesium	7439-95-4	mg/Kg	1380	190	4730	1100	21 / 21	100%	SB27	--		--	
Manganese	7439-96-5	mg/Kg	101	10.9	229	62.3	21 / 21	100%	SB27	--		3.9	**21**
Mercury	7439-97-6	mg/Kg	0.287	0.013	1.1	0.278	28 / 33	85%	MW4D	610	0	--	
Nickel	7440-02-0	mg/Kg	72.3	4.6	259	68.9	33 / 33	100%	SB149	7500	0	--	
Potassium	7440-09-7	mg/Kg	758	137	2100	548	21 / 21	100%	SB18	--		--	
Selenium	7782-49-2	mg/Kg	1.45	0.4	3.2	0.69	16 / 33	48%	SB27	10000	0	--	
Silver	7440-22-4	mg/Kg	4.32	0.19	31.1	6.79	22 / 33	67%	SB148	10000	0	--	
Sodium	7440-23-5	mg/Kg	514	54.2	3430	839	17 / 21	81%	SB18	--		--	
Thallium	7440-28-0	mg/Kg	1.55	1.3	1.8	0.354	2 / 33	6%	SB27	160	0	--	
Vanadium	7440-62-2	mg/Kg	90.2	9.1	849	177	33 / 33	100%	SB46	14000	0	--	
Zinc	7440-66-6	mg/Kg	2000	19.7	13400	2880	33 / 33	100%	SB26	610000	0	--	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
Where no criteria are available in the 1996 RSRs, the proposed 2008 criteria are used.
mg/Kg - Milligram per Kilogram (part per million)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-6G
Commercial Deep Subsurface Soil SPLP Metals Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC-STND		CT-SO-PMC-GB-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Barium	7440-39-3	ug/L	135	41	229	133	2 / 7	29%	SB148	140000000	0	10000	0
Lead	7439-92-1	ug/L	52.2	15.1	89.2	52.4	2 / 7	29%	SB148	1000000	0	150	0
Mercury	7439-97-6	ug/L	0.46	0.46	0.46	0	1 / 7	14%	SB147	610000	0	20	0
Zinc	7440-66-6	ug/L	65.9	65.9	65.9	0	1 / 1	100%	SB31	610000000	0	50000	0

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Litre (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-6H
Commercial Deep Subsurface Soil TOC Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-SO-ICDEC-STND		CT-SO-PMC-GB-STND	
Parameter	**CAS #**	**Units**	**Mean**	**Min.**	**Max.**	**Std. Dev.**	**Freq. Detect**	**% Detect**	**Loc. of Max. Conc.**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Total Organic Carbon	TOC	ug/L	67700	67700	67700	0	1 / 1	100%	SB31	--		--	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Litre (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-7A
Shallow Overburden Groundwater - Residential Areas - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-GW-RVC		CT-GW-RVC-P	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,1-Dichloroethene	75-35-4	µg/L	3.7	3.7	1 / 53	2%	6/22/2010	80018-GW-MW12S-0610	1	**1**	190	0
2-Butanone	78-93-3	µg/L	24	24	1 / 53	2%	9/1/2009	80018-GW-MW12S-0909	50000	0	50000	0
Acetone	67-64-1	µg/L	51	34	3 / 53	6%	3/23/2009	80018-GW-MW12S-0309RS	50000	0	50000	0
Benzene	71-43-2	µg/L	0.3	0.3	1 / 53	2%	6/9/2004	GW-060904-BC-006	215	0	130	0
Carbon Disulfide	75-15-0	µg/L	0.43	0.43	1 / 53	2%	3/10/2010	80018-GW-MW7S-0310	--		--	
Cis-1,2-Dichloroethene	156-59-2	µg/L	30	0.2	11 / 53	21%	3/8/2010	80018-GW-MW12S-0310	--		830	0
Isopropylbenzene	98-82-8	µg/L	0.3	0.12	2 / 53	4%	6/9/2004	GW-060904-DK-001	--		2800	0
Methyl Acetate	79-20-9	µg/L	2.8	2.8	1 / 51	2%	12/17/2008	80018-GW-MW12S-1208	--		--	
Methyl Tert-Butyl Ether	1634-04-4	µg/L	6	0.41	4 / 53	8%	6/9/2004	GW-060904-DK-001	50000	0	21000	0
O-Xylene	95-47-6	µg/L	1.4	1.4	1 / 51	2%	9/1/2009	80018-GW-MW12S-0909	--		--	
Toluene	108-88-3	µg/L	0.2	0.2	1 / 53	2%	6/9/2004	GW-060904-BC-006	23500	0	7100	0
Trans-1,2-Dichloroethene	156-60-5	µg/L	0.36	0.36	1 / 53	2%	9/1/2009	80018-GW-MW12S-0909	--		1000	0
Trichloroethene	79-01-6	µg/L	11	1.4	4 / 53	8%	6/22/2010	80018-GW-MW12S-0610	219	0	27	0
Vinyl Chloride	75-01-4	µg/L	12	0.34	14 / 53	26%	3/8/2010	80018-GW-MW12S-0310	2	**6**	1.6	**6**

Notes:

CT-GW-RVC; Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E

CT-GW-RVC-P; Connecticut Proposed Changes to the Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-7B
Shallow Overburden Groundwater - Commercial Areas - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-GW-ICVC		CT-GW-ICVC-P	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**		**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Carbon Disulfide	75-15-0	µg/L	0.4	0.4	1 / 36	3%	3/12/2010	80018-GW-MW10-0310		--		--	
Carbon Tetrachloride	56-23-5	µg/L	0.18	0.1	2 / 36	6%	9/1/2009	80018-GW-MW4S-0909		40	0	14	0
Chlorobenzene	108-90-7	µg/L	2.7	2.7	1 / 36	3%	3/23/2009	80018-GW-MW8S-0309RS		6150	0	23000	0
Chloroform	67-66-3	µg/L	1.7	0.4	3 / 36	8%	9/2/2009	80018-GW-MW8S-0909		710	0	62	0
Methyl Tert-Butyl Ether	1634-04-4	µg/L	0.3	0.3	1 / 36	3%	6/9/2004	GW-060904-BC-001		50000	0	50000	0
Tetrachloroethene	127-18-4	µg/L	0.46	0.14	3 / 36	8%	9/2/2009	80018-GW-MW8S-0909		3820	0	810	0
Trichloroethene	79-01-6	µg/L	0.97	0.2	2 / 36	6%	12/18/2008	80018-GW-MW5-1208		540	0	67	0

Notes:

CT-GW-ICVC;Commercial/Industrial Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E

CT-GW-ICVC-P; Proposed Changes to the Commercial/Industrial Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-7C
Shallow Overburden Groundwater - All Areas - SVOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
2,4,5-Trichlorophenol	95-95-4	µg/L	0.18	0.18	1 / 88	1%	3/11/2010	80018-GW-MW6S-0310
2,4-Dimethylphenol	105-67-9	µg/L	1	1	1 / 88	1%	6/9/2004	GW-060904-DK-001
2-Methylnaphthalene	91-57-6	µg/L	5	0.2	2 / 88	2%	6/9/2004	GW-060904-BC-006
4-Chloro-3-Methylphenol	59-50-7	µg/L	0.22	0.22	1 / 88	1%	3/11/2010	80018-GW-MW6S-0310
4-Methylphenol	106-44-5	µg/L	1.6	0.3	3 / 87	3%	12/17/2008	80018-GW-MW12S-1208
Acenaphthene	83-32-9	µg/L	11	0.1	20 / 88	23%	12/17/2008	80018-GW-MW6S-1208
Acenaphthylene	208-96-8	µg/L	0.1	0.08	2 / 88	2%	6/9/2004	GW-060904-BC-006
Acetophenone	98-86-2	µg/L	0.32	0.32	1 / 88	1%	3/11/2010	80018-GW-MW5-0310
Anthracene	120-12-7	µg/L	0.3	0.19	2 / 88	2%	6/9/2004	GW-060904-DK-001
Benzaldehyde	100-52-7	µg/L	0.86	0.86	1 / 88	1%	3/11/2010	80018-GW-MW5-0310
Benzo(A)Pyrene	50-32-8	µg/L	0.28	0.05	2 / 87	2%	3/9/2010	80018-GW-MW8S-0310
Benzo(K)Fluoranthene	207-08-9	µg/L	0.31	0.31	1 / 87	1%	3/9/2010	80018-GW-MW8S-0310
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/L	3.6	0.24	14 / 87	16%	3/11/2010	80018-GW-MW9S-0310
Butylbenzylphthalate	85-68-7	µg/L	0.73	0.64	5 / 88	6%	12/16/2008	80018-GW-MW11S-1208
Caprolactam	105-60-2	µg/L	369	0.24	25 / 88	28%	3/6/2009	80018-GW-MW12S-0309
Carbazole	86-74-8	µg/L	1.1	0.29	11 / 88	13%	12/17/2008	80018-GW-MW6S-1208
Dibenzofuran	132-64-9	µg/L	5	0.19	4 / 88	5%	3/3/2009	80018-GW-MW3S-0309
Diethylphthalate	84-66-2	µg/L	5	0.4	4 / 87	5%	3/3/2009	80018-GW-MW3S-0309
Di-N-Butyl Phthalate	84-74-2	µg/L	1	0.3	2 / 88	2%	6/9/2004	GW-060904-DK-001
Fluoranthene	206-44-0	µg/L	0.27	0.09	5 / 88	6%	9/1/2009	80018-GW-MW11S-0909
Fluorene	86-73-7	µg/L	1.3	0.1	14 / 88	16%	12/17/2008	80018-GW-MW6S-1208
Hexachloroethane	67-72-1	µg/L	0.05	0.05	1 / 88	1%	6/9/2004	GW-060904-BC-001
Naphthalene	91-20-3	µg/L	2.1	0.05	4 / 88	5%	12/2/2009	80018-GW-MW6S-1209
N-Nitroso-Di-N-Propylamine	621-64-7	µg/L	2.1	2.1	1 / 88	1%	3/5/2009	80018-GW-MW7S-0309
Phenanthrene	85-01-8	µg/L	1.1	0.1	7 / 88	8%	9/1/2009	80018-GW-MW11S-0909
Phenol	108-95-2	µg/L	11	0.2	5 / 87	6%	3/6/2009	80018-GW-MW12S-0309
Pyrene	129-00-0	µg/L	0.35	0.1	4 / 88	5%	9/1/2009	80018-GW-MW11S-0909
Toxic Equivalent - Carcinogenic PAHs	PAH-TEQ	µg/L	0.2831	0.05	2 / 88	2%	3/9/2010	80018-GW-MW8S-0310

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-7D
Shallow Overburden Groundwater - All Areas - Pesticides Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
4,4'-DDD	72-54-8	µg/L	0.048	0.048	1 / 89	1%	12/1/2009	80018-GW-MW7S-1209
4,4'-DDE	72-55-9	µg/L	0.0016	0.00098	3 / 89	3%	3/11/2010	80018-GW-MW6S-0310
4,4'-DDT	50-29-3	µg/L	0.13	0.00094	5 / 89	6%	12/1/2009	80018-GW-MW4S-1209
Aldrin	309-00-2	µg/L	0.017	0.0019	2 / 89	2%	6/9/2004	GW-060904-BC-006
Alpha-BHC	319-84-6	µg/L	0.0068	0.0068	1 / 89	1%	9/1/2009	80018-GW-MW12S-0909
Alpha-Chordane	5103-71-9	µg/L	0.1	0.0023	2 / 84	2%	12/1/2009	80018-GW-MW4S-1209
Beta-Bhc	319-85-7	µg/L	0.036	0.00038	6 / 89	7%	9/1/2009	80018-GW-MW12S-0909
Delta-Bhc	319-86-8	µg/L	0.0048	0.00091	6 / 89	7%	3/8/2010	80018-GW-MW12S-0310
Dieldrin	60-57-1	µg/L	0.0032	0.00032	3 / 89	3%	3/8/2010	80018-GW-MW12S-0310
Endrin Aldehyde	7421-93-4	µg/L	0.0039	0.0039	1 / 89	1%	3/8/2010	80018-GW-MW12S-0310
Endrin Ketone	53494-70-5	µg/L	0.0067	0.00093	5 / 89	6%	3/8/2010	80018-GW-MW12S-0310
Gamma-BHC (Lindane)	58-89-9	µg/L	0.0091	0.0006	3 / 89	3%	9/1/2009	80018-GW-MW3S-0909
Gamma-Chlordane	5103-74-2	µg/L	0.11	0.11	1 / 84	1%	12/1/2009	80018-GW-MW4S-1209
Heptachlor	76-44-8	µg/L	0.022	0.022	1 / 89	1%	6/9/2004	GW-060904-BC-006
Heptachlor Epoxide	1024-57-3	µg/L	0.018	0.00026	11 / 89	12%	9/1/2009	80018-GW-MW3S-0909
Methoxychlor	72-43-5	µg/L	0.0057	0.0057	1 / 89	1%	3/8/2010	80018-GW-MW12S-0310

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-7E
Shallow Overburden Groundwater - All Areas - Total Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
Aluminum	7429-90-5	µg/L	20600	8.3	41 / 88	47%	12/16/2008	80018-GW-MW11S-1208
Antimony	7440-36-0	µg/L	1.3	0.58	2 / 88	2%	12/17/2008	80018-GW-MW12S-1208
Arsenic	7440-38-2	µg/L	14.2	0.077	72 / 88	82%	10/5/2010	80018-GW-MW9S-1010
Barium	7440-39-3	µg/L	1089	27.5	86 / 88	98%	6/22/2010	80018-GW-MW12S-0610
Beryllium	7440-41-7	µg/L	1.6	0.022	16 / 88	18%	12/16/2008	80018-GW-MW11S-1208
Cadmium	7440-43-9	µg/L	48.9	0.017	58 / 88	66%	6/24/2010	80018-GW-MW7S-0610
Calcium	7440-70-2	µg/L	247905	21991	88 / 88	100%	3/8/2010	80018-GW-MW12S-0310
Chromium	7440-47-3	µg/L	20.5	0.37	30 / 88	34%	12/16/2008	80018-GW-MW11S-1208
Cobalt	7440-48-4	µg/L	15.6	0.32	81 / 88	92%	12/16/2008	80018-GW-MW11S-1208
Copper	7440-50-8	µg/L	848	1.4	65 / 88	74%	6/17/2009	80018-GW-MW4S-0609
Cyanide	57-12-5	µg/L	31.9	1.5	18 / 88	20%	6/9/2004	GW-060904-DK-001
Iron	7439-89-6	µg/L	50500	20.3	79 / 83	95%	12/16/2008	80018-GW-MW11S-1208
Lead	7439-92-1	µg/L	141	1.9	42 / 88	48%	12/1/2009	80018-GW-MW4S-1209
Magnesium	7439-95-4	µg/L	14300	3360	83 / 83	100%	12/17/2008	80018-GW-MW6S-1208
Manganese	7439-96-5	µg/L	3710	5.4	83 / 83	100%	12/17/2008	80018-GW-MW6S-1208
Mercury	7439-97-6	µg/L	0.17	0.073	4 / 88	5%	3/8/2010	80018-GW-MW12S-0310
Nickel	7440-02-0	µg/L	195	1.1	67 / 88	76%	3/9/2010	80018-GW-MW3S-0310
Potassium	7440-09-7	µg/L	23307	2790	83 / 83	100%	6/22/2010	80018-GW-MW12S-0610
Selenium	7782-49-2	µg/L	3.4	0.18	46 / 88	52%	12/17/2008	80018-GW-MW4S-1208
Silver	7440-22-4	µg/L	5.2	1	7 / 88	8%	9/2/2009	80018-GW-MW10-0909
Sodium	7440-23-5	µg/L	323535	7453	83 / 83	100%	6/22/2010	80018-GW-MW12S-0610
Thallium	7440-28-0	µg/L	0.75	0.033	25 / 88	28%	12/16/2008	80018-GW-MW11S-1208
Vanadium	7440-62-2	µg/L	235	0.11	55 / 88	63%	12/18/2008	80018-GW-MW3S-1208
Zinc	7440-66-6	µg/L	8630	2.6	82 / 88	93%	6/17/2009	80018-GW-MW7S-0609

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-7F
Shallow Overburden Groundwater - All Areas - Dissolved Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
Aluminum	7429-90-5	µg/L	983	4	12 / 82	15%	12/16/2008	80018-GW-MW11S-1208
Antimony	7440-36-0	µg/L	1.3	0.51	2 / 82	2%	12/17/2008	80018-GW-MW12S-1208
Arsenic	7440-38-2	µg/L	13.6	0.14	63 / 82	77%	10/5/2010	80018-GW-MW9S-1010
Barium	7440-39-3	µg/L	1063	30.6	80 / 82	98%	6/22/2010	80018-GW-MW12S-0610
Beryllium	7440-41-7	µg/L	0.1	0.025	4 / 82	5%	12/16/2008	80018-GW-MW11S-1208
Cadmium	7440-43-9	µg/L	49.9	0.0078	42 / 82	51%	3/5/2009	80018-GW-MW7S-0309
Calcium	7440-70-2	µg/L	248880	21800	82 / 82	100%	3/8/2010	80018-GW-MW12S-0310
Chromium	7440-47-3	µg/L	1.8	0.36	13 / 82	16%	10/5/2010	80018-GW-MW6S-1010
Cobalt	7440-48-4	µg/L	15	0.26	72 / 82	88%	3/8/2010	80018-GW-MW12S-0310
Copper	7440-50-8	µg/L	826	0.84	31 / 82	38%	6/17/2009	80018-GW-MW4S-0609
Iron	7439-89-6	µg/L	48600	46	70 / 82	85%	12/17/2008	80018-GW-MW6S-1208
Lead	7439-92-1	µg/L	60.5	1.9	15 / 82	18%	10/6/2010	80018-GW-MW4S-1010
Magnesium	7439-95-4	µg/L	14600	3300	82 / 82	100%	12/17/2008	80018-GW-MW6S-1208
Manganese	7439-96-5	µg/L	3800	4.1	81 / 82	99%	12/17/2008	80018-GW-MW6S-1208
Mercury	7439-97-6	µg/L	0.12	0.026	6 / 82	7%	3/6/2009	80018-GW-MW12S-0309
Nickel	7440-02-0	µg/L	179	1.1	56 / 82	68%	3/9/2010	80018-GW-MW3S-0310
Potassium	7440-09-7	µg/L	22882	2750	82 / 82	100%	6/22/2010	80018-GW-MW12S-0610
Selenium	7782-49-2	µg/L	3.5	0.15	30 / 82	37%	12/17/2008	80018-GW-MW4S-1208
Silver	7440-22-4	µg/L	3.9	0.47	11 / 82	13%	9/1/2009	80018-GW-MW12S-0909
Sodium	7440-23-5	µg/L	327505	7493	82 / 82	100%	6/22/2010	80018-GW-MW12S-0610
Thallium	7440-28-0	µg/L	0.21	0.028	9 / 82	11%	12/17/2008	80018-GW-MW4S-1208
Vanadium	7440-62-2	µg/L	219	0.046	47 / 82	57%	12/18/2008	80018-GW-DUP108-1208
Zinc	7440-66-6	µg/L	8580	1.6	67 / 82	82%	6/17/2009	80018-GW-MW7S-0609

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-8A
Deep Overburden Groundwater - Residential Areas - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	CT-GW-RVC		CT-GW-RVC-P	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,1,1-Trichloroethane	71-55-6	µg/L	0.1	0.1	1 / 57	2%	6/10/2004	GW-061004-DK-004	20400	0	6500	0
Carbon Disulfide	75-15-0	µg/L	0.48	0.48	1 / 57	2%	3/10/2010	80018-GW-MW9D-0310	--		--	
Chloroform	67-66-3	µg/L	4.9	1.4	18 / 57	32%	6/22/2010	80018-GW-MW12D-0610	287	0	26	0
Chloromethane	74-87-3	µg/L	0.83	0.81	2 / 57	4%	3/5/2009	80018-GW-MW11D-0309	--		390	0
Cis-1,2-Dichloroethene	156-59-2	µg/L	21	11	8 / 57	13%	3/10/2010	80018-GW-MW9D-0310	--		830	0
Cis-1,3-Dichloropropene	10061-01-5	µg/L	2.5	2.5	1 / 57	2%	3/5/2009	80018-GW-MW9D-0309	--		--	
Methyl Tert-Butyl Ether	1634-04-4	µg/L	1.4	0.2	7 / 57	12%	3/11/2010	80018-GW-MW12D-0310	50000	0	21000	0
Tetrachloroethene	127-18-4	µg/L	1.8	1	10 / 57	18%	3/5/2009	80018-GW-MW9D-0309	1500	0	340	0
Trans-1,2-Dichloroethene	156-60-5	µg/L	0.51	0.51	1 / 57	2%	9/2/2009	80018-GW-MW9D-0909	--		1000	0
Trichloroethene	79-01-6	µg/L	2.8	2.1	5 / 57	9%	12/15/2008	80018-GW-MW9D-1208	219	0	27	0
Vinyl Chloride	75-01-4	µg/L	17	7.5	7 / 57	11%	9/2/2009	80018-GW-MW9D-0909	2	**7**	1.6	**7**

Notes:

CT-GWPC-GA-A; Groundwater Protection Criteria; GA-A Aquifer - State of Connecticut Regulation 22a-133k-1 through k-3 Appendix C

CT-GW-RVC; Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E

CT-GW-RVC-P; Connecticut Proposed Changes to the Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-8B
Deep Overburden Groundwater - Commercial Areas - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-GW-ICVC		CT-GW-ICVC-P	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Chloroform	67-66-3	µg/L	32	3.9	16 / 22	73%	6/9/2004	GW-060904-BC-005	710	0	62	0

Notes:

CT-GW-ICVC;Commercial/Industrial Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E

CT-GW-ICVC-P; Proposed Changes to the Commercial/Industrial Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E

CT-GWPC-GA-A; Groundwater Protection Criteria; GA-A Aquifer - State of Connecticut Regulation 22a-133k-1 through k-3 Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-8C
Deep Overburden Groundwater - All Areas - SVOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
2,4,5-Trichlorophenol	95-95-4	µg/L	0.19	0.19	1 / 79	1%	3/10/2010	80018-GW-MW7D-0310
2-Chlorophenol	95-57-8	µg/L	0.47	0.47	1 / 79	1%	9/2/2009	80018-GW-MW11D-0909
2-Methylphenol	95-48-7	µg/L	0.2	0.2	1 / 79	1%	3/9/2010	80018-GW-DUP01-0310
4-Chloro-3-Methylphenol	59-50-7	µg/L	0.33	0.2	2 / 79	3%	9/2/2009	80018-GW-MW11D-0909
4-Methylphenol	106-44-5	µg/L	2	0.23	2 / 79	3%	9/2/2009	80018-GW-MW8D-0909
Acenaphthene	83-32-9	µg/L	0.24	0.24	1 / 79	1%	9/2/2009	80018-GW-MW11D-0909
Acetophenone	98-86-2	µg/L	0.47	0.47	1 / 79	1%	3/9/2010	80018-GW-MW3D-0310
Benzaldehyde	100-52-7	µg/L	0.93	0.93	1 / 79	1%	3/9/2010	80018-GW-MW3D-0310
Benzo(A)Anthracene	56-55-3	µg/L	0.16	0.16	1 / 79	1%	9/2/2009	80018-GW-MW9D-0909
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/L	7.1	0.18	17 / 79	22%	3/11/2010	80018-GW-MW6D-0310
Butylbenzylphthalate	85-68-7	µg/L	0.58	0.55	2 / 79	3%	12/16/2008	80018-GW-MW8D-1208
Caprolactam	105-60-2	µg/L	820	0.89	11 / 79	14%	12/15/2008	80018-GW-MW7D-1208
Di-N-Butyl Phthalate	84-74-2	µg/L	0.3	0.3	1 / 79	1%	6/10/2004	GW-061004-DK-004
Phenol	108-95-2	µg/L	0.22	0.18	2 / 79	3%	3/9/2010	80018-GW-MW3D-0310
Toxic Equivalent - Carcinogenic PAHs	PAH-TEQ	µg/L	0.016	0.016	1 / 79	1%	9/2/2009	80018-GW-MW9D-0909

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-8D
Deep Overburden Groundwater - All Areas - Pesticides Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
4,4'-DDD	72-54-8	µg/L	0.0034	0.0034	1 / 79	1%	3/9/2010	80018-GW-MW4D-0310
4,4'-DDE	72-55-9	µg/L	1.4	0.06	2 / 79	3%	12/2/2009	80018-GW-MW11D-1209
4,4'-DDT	50-29-3	µg/L	2.9	0.0034	5 / 79	6%	12/2/2009	80018-GW-MW11D-1209
Aldrin	309-00-2	µg/L	0.0014	0.0014	1 / 79	1%	3/11/2010	80018-GW-MW11D-0310
Alpha-BHC	319-84-6	µg/L	0.00055	0.00055	1 / 79	1%	3/9/2010	80018-GW-MW3D-0310
Beta-BHC	319-85-7	µg/L	0.0061	0.002	3 / 79	4%	3/11/2010	80018-GW-MW11D-0310
Delta-BHC	319-86-8	µg/L	0.004	0.0012	5 / 79	6%	3/11/2010	80018-GW-MW11D-0310
Dieldrin	60-57-1	µg/L	0.00053	0.00053	1 / 79	1%	3/10/2010	80018-GW-MW9D-0310
Endosulfan Sulfate	1031-07-8	µg/L	0.00044	0.00044	1 / 79	1%	3/10/2010	80018-GW-MW9D-0310
Endrin Aldehyde	7421-93-4	µg/L	0.095	0.0028	6 / 79	8%	6/22/2010	80018-GW-MW12D-0610
Endrin Ketone	53494-70-5	µg/L	0.0016	0.00039	4 / 79	5%	3/9/2010	80018-GW-MW4D-0310
Gamma-Chlordane	5103-74-2	µg/L	0.0023	0.00024	2 / 76	3%	3/11/2010	80018-GW-MW11D-0310
Heptachlor	76-44-8	µg/L	0.0022	0.00082	3 / 79	4%	3/10/2010	80018-GW-MW9D-0310
Heptachlor Epoxide	1024-57-3	µg/L	0.018	0.00045	10 / 79	13%	9/2/2009	80018-GW-MW11D-0909

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-8E
Deep Overburden Groundwater - All Areas - PCBs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
Aroclor 1248	12672-29-6	µg/L	10	0.87	2 / 79	3%	12/2/2009	80018-GW-MW11D-1209
Aroclor 1254	11097-69-1	µg/L	30	1.5	2 / 79	3%	12/2/2009	80018-GW-MW11D-1209
Aroclor 1260	11096-82-5	µg/L	0.23	0.23	1 / 79	1%	12/1/2009	80018-GW-MW4D-1209
Polychlorinated Biphenyls	1336-36-3	µg/L	40	0.23	3 / 79	4%	12/2/2009	80018-GW-MW11D-1209

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-8F
Deep Overburden Groundwater - All Areas - Total Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
Aluminum	7429-90-5	µg/L	24509	24.8	52 / 79	66%	3/9/2010	80018-GW-MW4D-0310
Antimony	7440-36-0	µg/L	0.49	0.49	1 / 79	1%	12/1/2009	80018-GW-DUP01-1209
Arsenic	7440-38-2	µg/L	4.2	0.08	36 / 79	46%	3/9/2010	80018-GW-MW4D-0310
Barium	7440-39-3	µg/L	206	7.3	63 / 79	80%	3/9/2010	80018-GW-MW4D-0310
Beryllium	7440-41-7	µg/L	0.65	0.027	22 / 79	28%	3/9/2010	80018-GW-MW4D-0310
Cadmium	7440-43-9	µg/L	0.62	0.01	24 / 79	30%	3/9/2010	80018-GW-MW4D-0310
Calcium	7440-70-2	µg/L	50321	13400	79 / 79	100%	10/4/2010	80018-GW-MW8D-1010
Chromium	7440-47-3	µg/L	31.6	0.33	44 / 79	56%	3/9/2010	80018-GW-MW4D-0310
Cobalt	7440-48-4	µg/L	10	0.071	61 / 79	77%	3/9/2010	80018-GW-MW4D-0310
Copper	7440-50-8	µg/L	227	0.88	23 / 79	29%	3/9/2010	80018-GW-MW4D-0310
Cyanide	57-12-5	µg/L	3.6	1.5	3 / 77	4%	12/2/2009	80018-GW-DUP02-1209
Iron	7439-89-6	µg/L	33215	26.4	70 / 76	92%	3/9/2010	80018-GW-MW4D-0310
Lead	7439-92-1	µg/L	107	2	11 / 79	14%	3/9/2010	80018-GW-MW4D-0310
Magnesium	7439-95-4	µg/L	15400	3630	76 / 76	100%	3/6/2009	80018-GW-MW8D-0309
Manganese	7439-96-5	µg/L	989	0.66	66 / 76	87%	3/9/2010	80018-GW-MW4D-0310
Mercury	7439-97-6	µg/L	0.099	0.083	2 / 79	3%	3/9/2010	80018-GW-MW4D-0310
Nickel	7440-02-0	µg/L	24.7	1.2	13 / 79	16%	3/9/2010	80018-GW-MW4D-0310
Potassium	7440-09-7	µg/L	8420	2170	74 / 76	97%	3/9/2010	80018-GW-MW4D-0310
Selenium	7782-49-2	µg/L	1.1	0.25	42 / 79	53%	6/16/2009	80018-GW-MW3D-0609
Silver	7440-22-4	µg/L	11	0.41	9 / 79	11%	3/9/2010	80018-GW-MW4D-0310
Sodium	7440-23-5	µg/L	56500	7980	76 / 76	100%	12/15/2008	80018-GW-MW11D-1208
Thallium	7440-28-0	µg/L	0.41	0.011	18 / 79	23%	12/2/2009	80018-GW-MW3D-1209
Vanadium	7440-62-2	µg/L	47.7	0.31	63 / 79	80%	3/9/2010	80018-GW-MW4D-0310
Zinc	7440-66-6	µg/L	210	0.74	46 / 79	58%	3/9/2010	80018-GW-MW4D-0310

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-8G
Deep Overburden Groundwater - All Areas - Dissolved Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
Aluminum	7429-90-5	µg/L	95.8	6.5	9 / 76	12%	6/22/2010	80018-GW-MW12D-0610
Antimony	7440-36-0	µg/L	0.34	0.34	1 / 76	1%	12/1/2009	80018-GW-DUP01-1209
Arsenic	7440-38-2	µg/L	0.34	0.089	10 / 76	13%	3/5/2009	80018-GW-MW9D-0309
Barium	7440-39-3	µg/L	46.5	6.8	59 / 76	78%	12/15/2008	80018-GW-MW11D-1208
Cadmium	7440-43-9	µg/L	0.18	0.007	17 / 76	22%	12/16/2008	80018-GW-MW8D-1208
Calcium	7440-70-2	µg/L	52278	12900	76 / 76	100%	6/22/2010	80018-GW-DUP01-0610
Chromium	7440-47-3	µg/L	1.8	0.32	27 / 76	36%	3/11/2010	80018-GW-MW6D-0310
Cobalt	7440-48-4	µg/L	1.9	0.057	38 / 76	50%	12/15/2008	80018-GW-MW11D-1208
Copper	7440-50-8	µg/L	11.9	0.99	6 / 76	8%	10/6/2010	80018-GW-MW4D-1010
Iron	7439-89-6	µg/L	562	25.9	14 / 76	18%	6/17/2009	80018-GW-MW9D-0609
Lead	7439-92-1	µg/L	2.6	2	2 / 76	3%	3/10/2010	80018-GW-MW9D-0310
Magnesium	7439-95-4	µg/L	15616	3070	76 / 76	100%	6/22/2010	80018-GW-DUP01-0610
Manganese	7439-96-5	µg/L	346	0.92	46 / 76	61%	12/15/2008	80018-GW-MW11D-1208
Mercury	7439-97-6	µg/L	0.078	0.066	2 / 76	3%	6/16/2009	80018-GW-MW11D-0609
Nickel	7440-02-0	µg/L	5.1	0.8	12 / 76	16%	3/3/2009	80018-GW-MW6D-0309
Potassium	7440-09-7	µg/L	6600	1730	76 / 76	100%	3/5/2009	80018-GW-MW11D-0309
Selenium	7782-49-2	µg/L	1	0.22	28 / 76	37%	6/16/2009	80018-GW-MW3D-0609
Silver	7440-22-4	µg/L	4.5	0.53	9 / 76	12%	9/2/2009	80018-GW-DUP02-0909
Sodium	7440-23-5	µg/L	59000	7107	76 / 76	100%	3/5/2009	80018-GW-MW11D-0309
Thallium	7440-28-0	µg/L	0.37	0.014	3 / 76	4%	12/2/2009	80018-GW-MW3D-1209
Vanadium	7440-62-2	µg/L	4.6	0.21	48 / 76	63%	3/5/2009	80018-GW-MW7D-0309
Zinc	7440-66-6	µg/L	132	0.71	34 / 76	45%	6/22/2010	80018-GW-MW8D-0610

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-9A
Bedrock Groundwater - Residential Areas - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-GW-RVC		CT-GW-RVC-P	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Chloroform	67-66-3	µg/L	6	3.6	4 / 8	50%	12/18/2008	80018-GW-MW3B-1208	287	0	26	0

Notes:
CT-GW-RVC; Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E
CT-GW-RVC-P; Connecticut Proposed Changes to the Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-9B
Bedrock Groundwater - Residential Areas - SVOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
2-Methylphenol	95-48-7	µg/L	0.18	0.18	1 / 8	13%	3/9/2010	80018-GW-MW3B-0310
3-Nitroaniline	99-09-2	µg/L	0.39	0.39	1 / 8	13%	3/9/2010	80018-GW-MW3B-0310
4-Methylphenol	106-44-5	µg/L	0.18	0.18	1 / 8	13%	3/9/2010	80018-GW-MW3B-0310
Benzo(A)Pyrene	50-32-8	µg/L	0.2	0.2	1 / 8	13%	3/9/2010	80018-GW-MW3B-0310
Benzo(G,H,I)Perylene	191-24-2	µg/L	0.17	0.17	1 / 8	13%	3/9/2010	80018-GW-MW3B-0310
Benzo(K)Fluoranthene	207-08-9	µg/L	0.17	0.17	1 / 8	13%	3/9/2010	80018-GW-MW3B-0310
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/L	1.7	1.4	2 / 8	25%	6/16/2009	80018-GW-MW3B-0609
Caprolactam	105-60-2	µg/L	220	220	1 / 8	13%	12/18/2008	80018-GW-MW3B-1208
Hexachlorobutadiene	87-68-3	µg/L	0.15	0.15	1 / 8	13%	3/9/2010	80018-GW-MW3B-0310
Toxic Equivalent - Carcinogenic PAHs	PAH-TEQ	µg/L	0.2017	0.2017	1 / 8	13%	3/9/2010	80018-GW-MW3B-0310

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-9C
Bedrock Groundwater - Residential Areas - Pesticides Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**
Heptachlor Epoxide	1024-57-3	µg/L	0.013	0.0012	2 / 8	25%	9/1/2009	80018-GW-MW3B-0909

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-9D
Bedrock Groundwater - Residential Areas - Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
Aluminum	7429-90-5	µg/L	795	52	7 / 8	88%	3/3/2009	80018-GW-MW3B-0309
Antimony	7440-36-0	µg/L	0.69	0.69	1 / 8	13%	12/18/2008	80018-GW-MW3B-1208
Arsenic	7440-38-2	µg/L	0.77	0.19	4 / 8	50%	12/18/2008	80018-GW-MW3B-1208
Barium	7440-39-3	µg/L	28	12.7	7 / 8	88%	12/18/2008	80018-GW-MW3B-1208
Beryllium	7440-41-7	µg/L	0.059	0.044	2 / 8	25%	12/18/2008	80018-GW-MW3B-1208
Cadmium	7440-43-9	µg/L	0.084	0.029	3 / 8	38%	3/3/2009	80018-GW-MW3B-0309
Calcium	7440-70-2	µg/L	58200	32300	8 / 8	100%	12/18/2008	80018-GW-MW3B-1208
Chromium	7440-47-3	µg/L	0.86	0.39	2 / 8	25%	6/16/2009	80018-GW-MW3B-0609
Cobalt	7440-48-4	µg/L	0.47	0.093	5 / 8	63%	3/3/2009	80018-GW-MW3B-0309
Copper	7440-50-8	µg/L	0.69	0.69	1 / 8	13%	12/2/2009	80018-GW-MW3B-1209
Cyanide	57-12-5	µg/L	11.3	6	2 / 8	25%	6/25/2010	80018-GW-MW3B-0610
Iron	7439-89-6	µg/L	3240	684	8 / 8	100%	3/3/2009	80018-GW-MW3B-0309
Magnesium	7439-95-4	µg/L	8680	2060	8 / 8	100%	10/7/2010	80018-GW-MW3B-1010
Manganese	7439-96-5	µg/L	31.3	8.3	8 / 8	100%	3/3/2009	80018-GW-MW3B-0309
Potassium	7440-09-7	µg/L	6860	3235	8 / 8	100%	12/18/2008	80018-GW-MW3B-1208
Selenium	7782-49-2	µg/L	0.92	0.23	5 / 8	63%	6/16/2009	80018-GW-MW3B-0609
Sodium	7440-23-5	µg/L	10800	7292	8 / 8	100%	12/18/2008	80018-GW-MW3B-1208
Thallium	7440-28-0	µg/L	0.016	0.016	1 / 8	13%	3/3/2009	80018-GW-MW3B-0309
Vanadium	7440-62-2	µg/L	14.3	1.7	6 / 8	75%	12/18/2008	80018-GW-MW3B-1208
Zinc	7440-66-6	µg/L	14	5.4	4 / 8	50%	9/1/2009	80018-GW-MW3B-0909

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-9E
Bedrock Groundwater - Residential Areas - Dissolved Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Parameter	CAS #	Units	Max.	Min.	Freq. Detect	% Detect	Date of Max. Detect	Sample ID of Max. Detect
Antimony	7440-36-0	µg/L	0.68	0.68	1 / 8	13%	12/18/2008	80018-GW-MW3B-1208
Arsenic	7440-38-2	µg/L	0.71	0.15	2 / 8	25%	12/18/2008	80018-GW-MW3B-1208
Barium	7440-39-3	µg/L	22.3	10.7	7 / 8	88%	12/18/2008	80018-GW-MW3B-1208
Barium	7440-39-3	µg/L	22.3	10.7	7 / 8	88%	6/16/2009	80018-GW-MW3B-0609
Cadmium	7440-43-9	µg/L	0.032	0.032	1 / 8	13%	3/9/2010	80018-GW-MW3B-0310
Calcium	7440-70-2	µg/L	58700	32700	8 / 8	100%	12/18/2008	80018-GW-MW3B-1208
Chromium	7440-47-3	µg/L	5.8	0.88	2 / 8	25%	12/18/2008	80018-GW-MW3B-1208
Cobalt	7440-48-4	µg/L	0.25	0.037	3 / 8	38%	12/18/2008	80018-GW-MW3B-1208
Iron	7439-89-6	µg/L	106	58.6	2 / 8	25%	6/25/2010	80018-GW-MW3B-0610
Magnesium	7439-95-4	µg/L	8630	1670	8 / 8	100%	10/7/2010	80018-GW-MW3B-1010
Manganese	7439-96-5	µg/L	2.7	1.1	4 / 8	50%	3/9/2010	80018-GW-MW3B-0310
Potassium	7440-09-7	µg/L	7800	3214	8 / 8	100%	12/18/2008	80018-GW-MW3B-1208
Selenium	7782-49-2	µg/L	0.85	0.37	2 / 8	25%	12/18/2008	80018-GW-MW3B-1208
Silver	7440-22-4	µg/L	3.4	3.4	1 / 8	13%	9/1/2009	80018-GW-MW3B-0909
Sodium	7440-23-5	µg/L	12400	7334	8 / 8	100%	12/18/2008	80018-GW-MW3B-1208
Vanadium	7440-62-2	µg/L	16.6	0.86	7 / 8	88%	12/18/2008	80018-GW-MW3B-1208
Zinc	7440-66-6	µg/L	0.5	0.5	1 / 8	13%	12/2/2009	80018-GW-MW3B-1209

Note:
µg/L - Micrograms per Liter (part per billion)

Table 4-10A
Vertical Profile Groundwater - Residential Areas - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	CT-GW-RVC		CT-GW-RVC-P	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
1,1-Dichloroethene	75-35-4	µg/L	1.2	1.2	1 / 23	4%	8/10/2010	80018-P4-15-02	1	**1**	190	0
1,2-Dichlorobenzene	95-50-1	µg/L	0.24	0.24	1 / 23	4%	8/10/2010	80018-P2-16-02	30500	0	5100	0
Acetone	67-64-1	µg/L	34	34	1 / 23	4%	8/10/2010	80018-P2-16-02	50000	0	50000	0
Benzene	71-43-2	µg/L	0.42	0.22	6 / 23	26%	8/13/2010	80018-OP2-11-01	215	0	130	0
Carbon Disulfide	75-15-0	µg/L	0.61	0.28	9 / 23	39%	8/10/2010	80018-P1-16-02	--		--	
Chloromethane	74-87-3	µg/L	0.6	0.28	3 / 23	13%	8/10/2010	80018-P2-13-01	--		390	0
Cis-1,2-Dichloroethene	156-59-2	µg/L	35	0.32	4 / 23	17%	8/10/2010	80018-P4-15-02	--		830	0
Cyclohexane	110-82-7	µg/L	0.22	0.22	1 / 23	4%	8/10/2010	80018-P2-16-02	--		--	
Ethylbenzene	100-41-4	µg/L	0.38	0.38	1 / 23	4%	8/10/2010	80018-P3-13-01	50000	0	2700	0
Isopropylbenzene	98-82-8	µg/L	0.86	0.86	1 / 23	4%	8/10/2010	80018-P2-16-02	--		2800	0
M,P-Xylene	179601-23-1	µg/L	2.5	0.58	3 / 23	13%	8/10/2010	80018-P3-13-01	--		--	
Methylcyclohexane	108-87-2	µg/L	0.24	0.24	1 / 23	4%	8/10/2010	80018-P2-16-02	--		--	
O-Xylene	95-47-6	µg/L	0.64	0.25	4 / 23	17%	8/10/2010	80018-P3-13-01	--		--	
Toluene	108-88-3	µg/L	0.86	0.23	5 / 23	22%	8/12/2010	80018-OP9-12-01	23500	0	7100	0
Trans-1,2-Dichloroethene	156-60-5	µg/L	0.83	0.83	1 / 23	4%	8/10/2010	80018-P4-15-02	--		1000	0
Trichloroethene	79-01-6	µg/L	12	0.81	2 / 23	9%	8/10/2010	80018-P4-15-02	219	0	27	0
Vinyl Chloride	75-01-4	µg/L	18	1.1	5 / 23	22%	8/10/2010	80018-P4-15-02	2	**4**	1.6	**4**

Notes:

CT-GW-RVC; Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E

CT-GW-RVC-P; Connecticut Proposed Changes to the Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-11A
Sediment Sample - Upstream Areas - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
2-Butanone	78-93-3	µg/Kg	14	14	1 / 2	50%	4/28/1999	DAF01R	270	0
4-Methyl-2-Pentanone	108-10-1	µg/Kg	2	2	1 / 2	50%	4/28/1999	DAF01R	--	
Carbon Disulfide	75-15-0	µg/Kg	2	2	1 / 2	50%	4/28/1999	DAF01R	0.85	**1**
Toluene	108-88-3	µg/Kg	0.5	0.5	1 / 2	50%	4/28/1999	DAF01R	670	0

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE Indicates an exceedence of BERA Screening Values

Table 4-11B
Sediment Sample - Upstream Areas - SVOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**		**Action Level**	**# Exceedances**
2-Methylnaphthalene	91-57-6	µg/Kg	31	31	1 / 2	50%	4/28/1999	DAF01R		70	0
4-Methylphenol	106-44-5	µg/Kg	55	28	2 / 2	100%	5/13/2004	SD-051304-DK-002		--	
Acenaphthene	83-32-9	µg/Kg	92	92	1 / 2	50%	4/28/1999	DAF01R		536	0
Acenaphthylene	208-96-8	µg/Kg	550	73	2 / 2	100%	4/28/1999	DAF01R		44	**2**
Anthracene	120-12-7	µg/Kg	600	78	2 / 2	100%	4/28/1999	DAF01R		57.2	**2**
Benzaldehyde	100-52-7	µg/Kg	160	160	1 / 1	100%	5/13/2004	SD-051304-DK-002		--	
Benzo(A)Anthracene	56-55-3	µg/Kg	2200	300	2 / 2	100%	4/28/1999	DAF01R		108	**2**
Benzo(A)Pyrene	50-32-8	µg/Kg	2400	340	2 / 2	100%	4/28/1999	DAF01R		150	**2**
Benzo(B)Fluoranthene	205-99-2	µg/Kg	3900	790	2 / 2	100%	4/28/1999	DAF01R		--	
Benzo(G,H,I)Perylene	191-24-2	µg/Kg	940	300	2 / 2	100%	4/28/1999	DAF01R		170	**2**
Benzo(K)Fluoranthene	207-08-9	µg/Kg	2500	2500	1 / 2	50%	4/28/1999	DAF01R		240	**1**
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/Kg	4800	1500	2 / 2	100%	4/28/1999	DAF01R		890000	0
Butylbenzylphthalate	85-68-7	µg/Kg	540	370	2 / 2	100%	5/13/2004	SD-051304-DK-002		--	
Carbazole	86-74-8	µg/Kg	610	100	2 / 2	100%	4/28/1999	DAF01R		--	
Chrysene	218-01-9	µg/Kg	2800	480	2 / 2	100%	4/28/1999	DAF01R		166	**2**
Dibenz(A,H)Anthracene	53-70-3	µg/Kg	360	67	2 / 2	100%	4/28/1999	DAF01R		33	**2**
Dibenzofuran	132-64-9	µg/Kg	100	100	1 / 2	50%	4/28/1999	DAF01R		2000	0
Di-N-Butyl Phthalate	84-74-2	µg/Kg	52	52	1 / 2	50%	5/13/2004	SD-051304-DK-002		11000	0
Di-N-Octyl Phthalate	117-84-0	µg/Kg	1400	140	2 / 2	100%	4/28/1999	DAF01R		--	
Fluoranthene	206-44-0	µg/Kg	6800	990	2 / 2	100%	4/28/1999	DAF01R		423	**2**
Fluorene	86-73-7	µg/Kg	260	260	1 / 2	50%	4/28/1999	DAF01R		77.4	**1**
Indeno(1,2,3-CD)Pyrene	193-39-5	µg/Kg	910	200	2 / 2	100%	4/28/1999	DAF01R		200	**2**
Naphthalene	91-20-3	µg/Kg	36	36	1 / 2	50%	4/28/1999	DAF01R		176	0
Phenanthrene	85-01-8	µg/Kg	3000	470	2 / 2	100%	4/28/1999	DAF01R		204	**2**
Pyrene	129-00-0	µg/Kg	4900	680	2 / 2	100%	4/28/1999	DAF01R		195	**2**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-11C
Sediment Sample - Upstream Areas - Pesticides Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
4,4'-DDE	72-55-9	µg/Kg	9.7	3.1	2 / 2	100%	4/28/1999	DAF01R	3.16	**1**
4,4'-DDT	50-29-3	µg/Kg	4.4	4.4	1 / 2	50%	4/28/1999	DAF01R	4.16	**1**
Alpha-Chlordane	5103-71-9	µg/Kg	14	14	1 / 1	100%	4/28/1999	DAF01R	7	**1**
Endrin Ketone	53494-70-5	µg/Kg	1.4	1.4	1 / 2	50%	5/13/2004	SD-051304-DK-002	--	
Gamma-Chlordane	5103-74-2	µg/Kg	6.6	6.6	1 / 1	100%	4/28/1999	DAF01R	--	
Methoxychlor	72-43-5	µg/Kg	7.6	7.6	1 / 2	50%	4/28/1999	DAF01R	--	

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-11D
Sediment Sample - Upstream Areas - PCBs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Aroclor 1254	11097-69-1	µg/Kg	37	37	1 / 2	50%	4/28/1999	DAF01R	59.8	0
Aroclor 1260	11096-82-5	µg/Kg	40	40	1 / 2	50%	4/28/1999	DAF01R	59.8	0
Polychlorinated Biphenyls	1336-36-3	µg/Kg	77	77	1 / 2	50%	4/28/1999	DAF01R	59.8	**1**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-11E
Sediment Sample - Upstream Areas - Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	mg/Kg	8830	5800	3 / 3	100%	4/28/1999	DAF08R	--	
Arsenic	7440-38-2	mg/Kg	2.2	2.2	2 / 3	67%	4/28/1999	DAF08R	--	
Barium	7440-39-3	mg/Kg	79.3	55.3	3 / 3	100%	5/13/2004	SD-051304-DK-002	--	
Beryllium	7440-41-7	mg/Kg	0.38	0.38	1 / 3	33%	4/28/1999	DAF08R	--	
Cadmium	7440-43-9	mg/Kg	5.5	5.5	1 / 3	33%	5/13/2004	SD-051304-DK-002	0.99	**1**
Calcium	7440-70-2	mg/Kg	2840	1790	2 / 2	100%	4/28/1999	DAF01R	--	
Chromium	7440-47-3	mg/Kg	25.8	16.6	3 / 3	100%	4/28/1999	DAF08R	43.4	0
Cobalt	7440-48-4	mg/Kg	10.1	5.7	3 / 3	100%	5/13/2004	SD-051304-DK-002	--	
Copper	7440-50-8	mg/Kg	101	49.2	3 / 3	100%	4/28/1999	DAF01R	31.6	**3**
Iron	7439-89-6	mg/Kg	23900	17500	2 / 2	100%	4/28/1999	DAF01R	20000	**1**
Lead	7439-92-1	mg/Kg	88.4	19.2	3 / 3	100%	4/28/1999	DAF01R	35.8	**1**
Magnesium	7439-95-4	mg/Kg	3310	3030	2 / 2	100%	4/28/1999	DAF08R	--	
Manganese	7439-96-5	mg/Kg	192	191	2 / 2	100%	4/28/1999	DAF01R	460	0
Mercury	7439-97-6	mg/Kg	0.11	0.049	2 / 3	67%	4/28/1999	DAF01R	0.18	0
Nickel	7440-02-0	mg/Kg	25.1	15.8	3 / 3	100%	5/13/2004	SD-051304-DK-002	22.7	**2**
Potassium	7440-09-7	mg/Kg	1100	1030	2 / 2	100%	4/28/1999	DAF01R	--	
Vanadium	7440-62-2	mg/Kg	27	25.2	3 / 3	100%	4/28/1999	DAF08R	--	
Zinc	7440-66-6	mg/Kg	366	156	3 / 3	100%	5/13/2004	SD-051304-DK-002	121	**3**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
mg/Kg - Milligrams per Kilogram (part per million)
-- - No standard value is available
VALUE

Table 4-12A
Sediment Sample - Wet Area 1 - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code	SCOVILL BERA SCREENING VALUES
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
2-Butanone	78-93-3	µg/Kg	560	5	13 / 15	87%	11/4/2002	SED-04~AA26637~~110402	270	**3**
Acetone	67-64-1	µg/Kg	920	53	13 / 15	87%	11/4/2002	SED-04~AA26637~~110402	8.7	**13**
Carbon Disulfide	75-15-0	µg/Kg	9	3	6 / 15	40%	10/30/2002	SED-08~AA26575~~103002	0.85	**6**
Ethylbenzene	100-41-4	µg/Kg	1	1	1 / 15	7%	10/30/2002	SED-01~AA26579~~103002	--	
Methyl Tert-Butyl Ether	1634-04-4	µg/Kg	58	14	11 / 14	79%	11/4/2002	KSED-07~AA26638~~110402	--	
Methylene Chloride	75-09-2	µg/Kg	2	2	1 / 15	7%	5/13/2004	SD-051304-DK-001	--	
Toluene	108-88-3	µg/Kg	8	2	6 / 15	40%	10/30/2002	SED-08~AA26575~~103002	670	0

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-12B
Sediment Sample - Wet Area 1 - SVOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

									Action Level Code		SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
2-Methylnaphthalene	91-57-6	µg/Kg	17000	62	4 / 15	27%	5/28/2004	SD-052804-DK-006	--		70	**3**
4-Methylphenol	106-44-5	µg/Kg	640	640	1 / 15	7%	5/28/2004	SD-052804-DK-005	--	0	--	
Acenaphthene	83-32-9	µg/Kg	45000	10	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		536	**3**
Acenaphthylene	208-96-8	µg/Kg	3400	84	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		44	**15**
Anthracene	120-12-7	µg/Kg	95000	89	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		57.2	**15**
Benzaldehyde	100-52-7	µg/Kg	2065	190	5 / 13	38%	11/4/2002	~SED-07 (FIELD DUP)~~110402	--	0	--	
Benzo(A)Anthracene	56-55-3	µg/Kg	170000	310	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		108	**15**
Benzo(A)Pyrene	50-32-8	µg/Kg	140000	370	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		150	**15**
Benzo(B)Fluoranthene	205-99-2	µg/Kg	110000	650	15 / 15	100%	5/28/2004	SD-052804-DK-006	--	0	--	
Benzo(G,H,I)Perylene	191-24-2	µg/Kg	81000	240	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		170	**15**
Benzo(K)Fluoranthene	207-08-9	µg/Kg	140000	240	14 / 15	93%	5/28/2004	SD-052804-DK-006	--		240	**14**
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/Kg	29000	120	9 / 15	60%	5/28/2004	SD-052804-DK-006	--		890000	0
Carbazole	86-74-8	µg/Kg	69000	250	14 / 15	93%	5/28/2004	SD-052804-DK-006	--	0	--	
Chrysene	218-01-9	µg/Kg	190000	520	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		166	**15**
Dibenz(A,H)Anthracene	53-70-3	µg/Kg	27000	95	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		33	**15**
Dibenzofuran	132-64-9	µg/Kg	32000	79	4 / 15	27%	5/28/2004	SD-052804-DK-006	--		2000	**1**
Diethylphthalate	84-66-2	µg/Kg	655	210	9 / 15	60%	11/4/2002	~SED-07~~110402	--		630	**1**
Di-N-Butyl Phthalate	84-74-2	µg/Kg	618	88	7 / 15	47%	11/4/2002	~SED-07~~110402	--		11000	0
Di-N-Octyl Phthalate	117-84-0	µg/Kg	66	66	1 / 15	7%	5/13/2004	SD-051304-DK-001	--	0	--	
Fluoranthene	206-44-0	µg/Kg	470000	980	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		423	**15**
Fluorene	86-73-7	µg/Kg	48000	32	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		77.4	**11**
Indeno(1,2,3-CD)Pyrene	193-39-5	µg/Kg	74000	280	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		200	**15**
Naphthalene	91-20-3	µg/Kg	20000	10.3	13 / 26	50%	5/28/2004	SD-052804-DK-006	--		176	**2**
Phenanthrene	85-01-8	µg/Kg	490000	410	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		204	**15**
Phenol	108-95-2	µg/Kg	1700	1700	1 / 15	7%	10/30/2002	~SED-010~~103002	--		57	**1**
Pyrene	129-00-0	µg/Kg	380000	300	15 / 15	100%	5/28/2004	SD-052804-DK-006	--		195	**15**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-12C
Sediment Sample - Wet Area 1 - Pesticides Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
4,4'-DDE	72-55-9	µg/Kg	34	18	3 / 14	21%	11/4/2002	~SED-07 (FIELD DUP)~~110402	3.16	**3**
Alpha-Chlordane	5103-71-9	µg/Kg	41	41	1 / 7	14%	4/28/1999	DAF02R	7	**1**
Dieldrin	60-57-1	µg/Kg	77	77	1 / 15	7%	11/4/2002	~SED-07~~110402	1.9	**1**
Endrin	72-20-8	µg/Kg	180	170	2 / 15	13%	5/28/2004	SD-052804-DK-005	2.22	**2**
Endrin Ketone	53494-70-5	µg/Kg	11	11	1 / 15	7%	5/13/2004	SD-051304-DK-001	--	
Methoxychlor	72-43-5	µg/Kg	90	90	1 / 15	7%	4/28/1999	DAF02R	--	

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-12D
Sediment Sample - Wet Area 1 - PCBs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Aroclor 1254	11097-69-1	µg/Kg	1800	1400	2 / 15	13%	10/30/2002	~SED-010~~103002	59.8	**2**
Aroclor 1260	11096-82-5	µg/Kg	14000	2200	4 / 15	27%	5/28/2004	SD-052804-DK-006	59.8	**4**
Polychlorinated Biphenyls	1336-36-3	µg/Kg	14000	3600	4 / 15	27%	5/28/2004	SD-052804-DK-006	59.8	**4**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-12E
Sediment Sample - Wet Area 1 - Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	mg/Kg	14100	1300	15 / 15	100%	5/28/2004	SD-052804-DK-006	--	
Antimony	7440-36-0	mg/Kg	13	11	2 / 15	13%	10/30/2002	~SED-02~~103002	--	
Arsenic	7440-38-2	mg/Kg	22	2.6	2 / 15	13%	11/4/2002	~SED-04~~110402	--	
Barium	7440-39-3	mg/Kg	220	17.9	15 / 15	100%	11/4/2002	~SED-06~~110402	--	
Beryllium	7440-41-7	mg/Kg	2.6	0.26	3 / 15	20%	11/4/2002	~SED-04~~110402	--	
Cadmium	7440-43-9	mg/Kg	14	6.8	5 / 15	33%	11/4/2002	~SED-07 (FIELD DUP)~~110402	0.99	**5**
Calcium	7440-70-2	mg/Kg	15000	2000	12 / 12	100%	11/4/2002	~SED-07 (FIELD DUP)~~110402	--	
Calcium	7440-70-2	mg/Kg	15000	2000	12 / 12	100%	11/4/2002	~SED-07~~110402	--	
Chromium	7440-47-3	mg/Kg	3300	6.1	15 / 15	100%	11/4/2002	~SED-04~~110402	43.4	**8**
Cobalt	7440-48-4	mg/Kg	12	2.2	13 / 15	87%	5/28/2004	SD-052804-DK-006	--	
Copper	7440-50-8	mg/Kg	7800	12.4	15 / 15	100%	11/4/2002	~SED-04~~110402	31.6	**14**
Cyanide	57-12-5	mg/Kg	0.21	0.062	4 / 15	27%	10/30/2002	~SED-010~~103002	--	
Iron	7439-89-6	mg/Kg	32000	13000	12 / 12	100%	11/4/2002	~SED-06~~110402	20000	**7**
Lead	7439-92-1	mg/Kg	500	6.4	15 / 15	100%	10/30/2002	~SED-010~~103002	35.8	**14**
Magnesium	7439-95-4	mg/Kg	3800	1890	12 / 12	100%	10/30/2002	~SED-02~~103002	--	
Manganese	7439-96-5	mg/Kg	570	120	12 / 12	100%	10/30/2002	~SED-010~~103002	460	**1**
Mercury	7439-97-6	mg/Kg	1.5	0.092	14 / 15	93%	11/4/2002	~SED-04~~110402	0.18	**11**
Nickel	7440-02-0	mg/Kg	620	4.9	15 / 15	100%	11/4/2002	~SED-04~~110402	22.7	**11**
Potassium	7440-09-7	mg/Kg	1700	660	12 / 12	100%	11/4/2002	~SED-06~~110402	--	
Selenium	7782-49-2	mg/Kg	48	2.2	6 / 15	40%	11/4/2002	~SED-07~~110402	--	
Silver	7440-22-4	mg/Kg	7.1	0.65	4 / 15	27%	11/4/2002	~SED-04~~110402	1	**3**
Sodium	7440-23-5	mg/Kg	1100	550	5 / 12	42%	11/4/2002	~SED-07~~110402	--	
Thallium	7440-28-0	mg/Kg	26	22	2 / 15	13%	10/30/2002	~SED-02~~103002	--	
Vanadium	7440-62-2	mg/Kg	840	12.2	15 / 15	100%	11/4/2002	~SED-04~~110402	--	
Zinc	7440-66-6	mg/Kg	5400	23.6	15 / 15	100%	11/4/2002	~SED-04~~110402	121	**14**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
mg/Kg - Milligrams per Kilogram (part per million)
-- - No standard value is available
VALUE

Table 4-13A
Sediment Sample - Wet Area 2 - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
2-Butanone	78-93-3	µg/Kg	31	14	3 / 4	75%	4/28/1999	DAF04R	270	0
Acetone	67-64-1	µg/Kg	40	29	2 / 4	50%	5/21/2004	SD-052104-DK-003	8.7	**2**
Carbon Disulfide	75-15-0	µg/Kg	11	4	2 / 4	50%	5/24/2004	S-052404-DK-004	0.85	**2**
Toluene	108-88-3	µg/Kg	24	9	4 / 4	100%	4/28/1999	DAF04R	670	0

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-13B
Sediment Sample - Wet Area 2 - SVOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
2-Methylnaphthalene	91-57-6	µg/Kg	200	22	3 / 4	75%	5/21/2004	SD-052104-DK-003	70	**2**
2-Methylphenol	95-48-7	µg/Kg	56	6	2 / 4	50%	4/28/1999	DAF04R	--	
4-Methylphenol	106-44-5	µg/Kg	57	57	1 / 4	25%	4/28/1999	DAF03R	--	
Acenaphthene	83-32-9	µg/Kg	580	28	3 / 4	75%	5/21/2004	SD-052104-DK-003	536	**1**
Acenaphthylene	208-96-8	µg/Kg	920	30	4 / 4	100%	5/24/2004	SD-052404-DK-004	44	**3**
Anthracene	120-12-7	µg/Kg	1800	190	4 / 4	100%	5/21/2004	SD-052104-DK-003	57.2	**4**
Benzaldehyde	100-52-7	µg/Kg	290	290	1 / 2	50%	5/24/2004	SD-052404-DK-004	--	
Benzo(A)Anthracene	56-55-3	µg/Kg	3900	1000	4 / 4	100%	5/21/2004	SD-052104-DK-003	108	**4**
Benzo(A)Pyrene	50-32-8	µg/Kg	4300	960	4 / 4	100%	5/21/2004	SD-052104-DK-003	150	**4**
Benzo(B)Fluoranthene	205-99-2	µg/Kg	4400	1300	4 / 4	100%	5/24/2004	SD-052404-DK-004	--	
Benzo(G,H,I)Perylene	191-24-2	µg/Kg	2400	460	4 / 4	100%	5/21/2004	SD-052104-DK-003	170	**4**
Benzo(K)Fluoranthene	207-08-9	µg/Kg	3900	800	3 / 4	75%	5/21/2004	SD-052104-DK-003	240	**3**
Butylbenzylphthalate	85-68-7	µg/Kg	13	13	1 / 4	25%	4/28/1999	DAF03R	--	
Carbazole	86-74-8	µg/Kg	910	100	4 / 4	100%	5/21/2004	SD-052104-DK-003	--	
Chrysene	218-01-9	µg/Kg	4800	1100	4 / 4	100%	5/21/2004	SD-052104-DK-003	166	**4**
Dibenz(A,H)Anthracene	53-70-3	µg/Kg	1200	200	4 / 4	100%	5/21/2004	SD-052104-DK-003	33	**4**
Dibenzofuran	132-64-9	µg/Kg	400	35	3 / 4	75%	5/21/2004	SD-052104-DK-003	2000	0
Fluoranthene	206-44-0	µg/Kg	10000	2000	4 / 4	100%	5/21/2004	SD-052104-DK-003	423	**4**
Fluorene	86-73-7	µg/Kg	580	44	4 / 4	100%	5/21/2004	SD-052104-DK-003	77.4	**3**
Indeno(1,2,3-CD)Pyrene	193-39-5	µg/Kg	2500	480	4 / 4	100%	5/21/2004	SD-052104-DK-003	200	**4**
Naphthalene	91-20-3	µg/Kg	390	26	3 / 4	75%	5/21/2004	SD-052104-DK-003	176	**1**
Phenanthrene	85-01-8	µg/Kg	6300	870	4 / 4	100%	5/21/2004	SD-052104-DK-003	204	**4**
Phenol	108-95-2	µg/Kg	43	43	1 / 4	25%	4/28/1999	DAF03R	57	0
Pyrene	129-00-0	µg/Kg	7300	1700	4 / 4	100%	5/21/2004	SD-052104-DK-003	195	**4**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-13C
Sediment Sample - Wet Area 2 - Pesticides Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
4,4'-DDE	72-55-9	µg/Kg	26	26	1 / 4	25%	5/24/2004	SD-052404-DK-004	3.16	**1**
Endosulfan II	33213-65-9	µg/Kg	5.9	5.9	1 / 4	25%	4/28/1999	DAF04R	--	
Gamma-Chlordane	5103-74-2	µg/Kg	3.5	1.8	2 / 2	100%	4/28/1999	DAF04R	--	

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-13D
Sediment Sample - Wet Area 2 - PCBs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Aroclor 1254	11097-69-1	µg/Kg	410	54	4 / 4	100%	5/21/2004	SD-052104-DK-003	59.8	**2**
Aroclor 1260	11096-82-5	µg/Kg	530	37	2 / 4	50%	5/21/2004	SD-052104-DK-003	59.8	**1**
Polychlorinated Biphenyls	1336-36-3	µg/Kg	940	55	4 / 4	100%	5/21/2004	SD-052104-DK-003	59.8	**2**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-13E
Sediment Sample - Wet Area 2 - Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	mg/Kg	13300	5860	4 / 4	100%	5/21/2004	SD-052104-DK-003	--	
Arsenic	7440-38-2	mg/Kg	1.6	1.6	2 / 4	50%	4/28/1999	DAF03R	--	
Arsenic	7440-38-2	mg/Kg	1.6	1.6	2 / 4	50%	4/28/1999	DAF04R	--	
Barium	7440-39-3	mg/Kg	146	42.3	4 / 4	100%	4/28/1999	DAF03R	--	
Beryllium	7440-41-7	mg/Kg	0.26	0.24	2 / 4	50%	4/28/1999	DAF03R	--	
Cadmium	7440-43-9	mg/Kg	5.2	5.2	1 / 4	25%	5/24/2004	SD-052404-DK-004	0.99	**1**
Calcium	7440-70-2	mg/Kg	1790	1710	2 / 2	100%	4/28/1999	DAF03R	--	
Chromium	7440-47-3	mg/Kg	64.4	11.7	4 / 4	100%	5/21/2004	SD-052104-DK-003	43.4	**1**
Cobalt	7440-48-4	mg/Kg	7.9	3.2	4 / 4	100%	5/21/2004	SD-052104-DK-003	--	
Copper	7440-50-8	mg/Kg	5210	99.6	4 / 4	100%	5/21/2004	SD-052104-DK-003	31.6	**4**
Iron	7439-89-6	mg/Kg	10600	9870	2 / 2	100%	4/28/1999	DAF03R	20000	0
Lead	7439-92-1	mg/Kg	545	224	4 / 4	100%	5/24/2004	SD-052404-DK-004	35.8	**4**
Magnesium	7439-95-4	mg/Kg	2140	1950	2 / 2	100%	4/28/1999	DAF03R	--	
Manganese	7439-96-5	mg/Kg	121	89.2	2 / 2	100%	4/28/1999	DAF03R	460	0
Mercury	7439-97-6	mg/Kg	0.48	0.019	4 / 4	100%	5/24/2004	SD-052404-DK-004	0.18	**2**
Nickel	7440-02-0	mg/Kg	178	16.9	4 / 4	100%	5/21/2004	SD-052104-DK-003	22.7	**2**
Potassium	7440-09-7	mg/Kg	955	935	2 / 2	100%	4/28/1999	DAF03R	--	
Selenium	7782-49-2	mg/Kg	1.1	1.1	1 / 4	25%	4/28/1999	DAF03R	--	
Silver	7440-22-4	mg/Kg	1.9	1.9	1 / 4	25%	5/21/2004	SD-052104-DK-003	1	**1**
Vanadium	7440-62-2	mg/Kg	247	18.6	4 / 4	100%	5/21/2004	SD-052104-DK-003	--	
Zinc	7440-66-6	mg/Kg	1220	308	4 / 4	100%	5/21/2004	SD-052104-DK-003	121	**4**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
mg/Kg - Milligrams per Kilogram (part per million)
-- - No standard value is available
VALUE

Table 4-14A
Sediment Sample - Catchbasins - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Methylene Chloride	75-09-2	µg/Kg	2	2	1 / 1	100%	5/13/2004	SD-051304-DK-001	--	0

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-14B
Sediment Sample - Catchbasins - SVOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
2-Methylnaphthalene	91-57-6	µg/Kg	62	62	1 / 1	100%	5/13/2004	SD-051304-DK-001	70	0
Acenaphthene	83-32-9	µg/Kg	100	100	1 / 1	100%	5/13/2004	SD-051304-DK-001	536	0
Acenaphthylene	208-96-8	µg/Kg	520	520	1 / 1	100%	5/13/2004	SD-051304-DK-001	44	**1**
Anthracene	120-12-7	µg/Kg	600	600	1 / 1	100%	5/13/2004	SD-051304-DK-001	57.2	**1**
Benzo(A)Anthracene	56-55-3	µg/Kg	1700	1700	1 / 1	100%	5/13/2004	SD-051304-DK-001	108	**1**
Benzo(A)Pyrene	50-32-8	µg/Kg	1500	1500	1 / 1	100%	5/13/2004	SD-051304-DK-001	150	**1**
Benzo(B)Fluoranthene	205-99-2	µg/Kg	2800	2800	1 / 1	100%	5/13/2004	SD-051304-DK-001	--	
Benzo(G,H,I)Perylene	191-24-2	µg/Kg	420	420	1 / 1	100%	5/13/2004	SD-051304-DK-001	170	**1**
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/Kg	840	840	1 / 1	100%	5/13/2004	SD-051304-DK-001	890000	0
Carbazole	86-74-8	µg/Kg	300	300	1 / 1	100%	5/13/2004	SD-051304-DK-001	--	
Chrysene	218-01-9	µg/Kg	2000	2000	1 / 1	100%	5/13/2004	SD-051304-DK-001	166	**1**
Dibenz(A,H)Anthracene	53-70-3	µg/Kg	220	220	1 / 1	100%	5/13/2004	SD-051304-DK-001	33	**1**
Dibenzofuran	132-64-9	µg/Kg	79	79	1 / 1	100%	5/13/2004	SD-051304-DK-001	2000	0
Di-N-Octyl Phthalate	117-84-0	µg/Kg	66	66	1 / 1	100%	5/13/2004	SD-051304-DK-001	--	
Fluoranthene	206-44-0	µg/Kg	3800	3800	1 / 1	100%	5/13/2004	SD-051304-DK-001	423	**1**
Fluorene	86-73-7	µg/Kg	360	360	1 / 1	100%	5/13/2004	SD-051304-DK-001	77.4	**1**
Indeno(1,2,3-CD)Pyrene	193-39-5	µg/Kg	440	440	1 / 1	100%	5/13/2004	SD-051304-DK-001	200	**1**
Phenanthrene	85-01-8	µg/Kg	2600	2600	1 / 1	100%	5/13/2004	SD-051304-DK-001	204	**1**
Pyrene	129-00-0	µg/Kg	3500	3500	1 / 1	100%	5/13/2004	SD-051304-DK-001	195	**1**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-14C
Sediment Sample - Catchbasins - Pesticides Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
4,4'-DDE	72-55-9	µg/Kg	18	18	1 / 1	100%	5/13/2004	SD-051304-DK-001	3.16	**1**
Endrin Ketone	53494-70-5	µg/Kg	11	11	1 / 1	100%	5/13/2004	SD-051304-DK-001	--	

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-14D
Sediment Sample - Catchbasins - Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	mg/Kg	2390	2390	1 / 1	100%	5/13/2004	SD-051304-DK-001	--	
Barium	7440-39-3	mg/Kg	17.9	17.9	1 / 1	100%	5/13/2004	SD-051304-DK-001	--	
Chromium	7440-47-3	mg/Kg	6.1	6.1	1 / 1	100%	5/13/2004	SD-051304-DK-001	43.4	0
Cobalt	7440-48-4	mg/Kg	2.2	2.2	1 / 1	100%	5/13/2004	SD-051304-DK-001	--	
Copper	7440-50-8	mg/Kg	12.4	12.4	1 / 1	100%	5/13/2004	SD-051304-DK-001	31.6	0
Cyanide	57-12-5	mg/Kg	0.184	0.184	1 / 1	100%	5/13/2004	SD-051304-DK-001	--	
Lead	7439-92-1	mg/Kg	6.4	6.4	1 / 1	100%	5/13/2004	SD-051304-DK-001	35.8	0
Nickel	7440-02-0	mg/Kg	4.9	4.9	1 / 1	100%	5/13/2004	SD-051304-DK-001	22.7	0
Vanadium	7440-62-2	mg/Kg	12.2	12.2	1 / 1	100%	5/13/2004	SD-051304-DK-001	--	
Zinc	7440-66-6	mg/Kg	23.6	23.6	1 / 1	100%	5/13/2004	SD-051304-DK-001	121	0

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
mg/Kg - Milligrams per Kilogram (part per million)
-- - No standard value is available
VALUE

Table 4-15A
Sediment Sample - Downstream Areas - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
1,1,1-Trichloroethane	71-55-6	µg/Kg	6	6	1 / 3	33%	4/28/1999	DAF05R	--	
Carbon Disulfide	75-15-0	µg/Kg	11	11	1 / 3	33%	4/28/1999	DAF05R	0.85	**1**
Toluene	108-88-3	µg/Kg	0.6	0.6	2 / 3	67%	4/28/1999	DAF05R	670	0

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-15B
Sediment Sample - Downstream Areas - SVOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
2-Methylnaphthalene	91-57-6	µg/Kg	12	3	3 / 3	100%	4/28/1999	DAF06R	70	0
Acenaphthene	83-32-9	µg/Kg	16	5	3 / 3	100%	4/28/1999	DAF05R	536	0
Acenaphthylene	208-96-8	µg/Kg	170	21	3 / 3	100%	4/28/1999	DAF06R	44	**2**
Anthracene	120-12-7	µg/Kg	99	29	3 / 3	100%	4/28/1999	DAF06R	57.2	**2**
Benzo(A)Anthracene	56-55-3	µg/Kg	420	160	3 / 3	100%	4/28/1999	DAF06R	108	**3**
Benzo(A)Pyrene	50-32-8	µg/Kg	490	140	3 / 3	100%	4/28/1999	DAF06R	150	**2**
Benzo(B)Fluoranthene	205-99-2	µg/Kg	880	220	3 / 3	100%	4/28/1999	DAF06R	--	
Benzo(G,H,I)Perylene	191-24-2	µg/Kg	250	89	3 / 3	100%	4/28/1999	DAF05R	170	**1**
Benzo(K)Fluoranthene	207-08-9	µg/Kg	600	110	3 / 3	100%	4/28/1999	DAF05R	240	**2**
Butylbenzylphthalate	85-68-7	µg/Kg	17	6	3 / 3	100%	4/28/1999	DAF05R	--	
Carbazole	86-74-8	µg/Kg	78	34	3 / 3	100%	4/28/1999	DAF06R	--	
Chrysene	218-01-9	µg/Kg	620	220	3 / 3	100%	4/28/1999	DAF06R	166	**3**
Dibenz(A,H)Anthracene	53-70-3	µg/Kg	85	32	3 / 3	100%	4/28/1999	DAF05R	33	**2**
Dibenzofuran	132-64-9	µg/Kg	19	7	3 / 3	100%	4/28/1999	DAF06R	2000	0
Fluoranthene	206-44-0	µg/Kg	1400	450	3 / 3	100%	4/28/1999	DAF06R	423	**3**
Fluorene	86-73-7	µg/Kg	42	12	3 / 3	100%	4/28/1999	DAF06R	77.4	0
Indeno(1,2,3-CD)Pyrene	193-39-5	µg/Kg	240	81	3 / 3	100%	4/28/1999	DAF05R	200	**1**
Naphthalene	91-20-3	µg/Kg	10	3	3 / 3	100%	4/28/1999	DAF06R	176	0
Phenanthrene	85-01-8	µg/Kg	580	260	3 / 3	100%	4/28/1999	DAF06R	204	**3**
Pyrene	129-00-0	µg/Kg	930	360	3 / 3	100%	4/28/1999	DAF06R	195	**3**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-15C
Sediment Sample - Downstream Areas - Pesticides Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Alpha-BHC	319-84-6	µg/Kg	0.16	0.16	1 / 3	33%	4/28/1999	DAF06R	--	0
Endosulfan II	33213-65-9	µg/Kg	0.77	0.77	1 / 3	33%	4/28/1999	DAF07R	--	0
Gamma-Chlordane	5103-74-2	µg/Kg	34	1.2	2 / 3	67%	4/28/1999	DAF05R	--	0

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-15D
Sediment Sample - Downstream Areas - PCBs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Aroclor 1254	11097-69-1	µg/Kg	190	6.9	3 / 3	100%	4/28/1999	DAF05R	59.8	**1**
Aroclor 1260	11096-82-5	µg/Kg	170	170	1 / 3	33%	4/28/1999	DAF05R	59.8	**1**
Polychlorinated Biphenyls	1336-36-3	µg/Kg	360	6.9	3 / 3	100%	4/28/1999	DAF05R	59.8	**1**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
VALUE

Table 4-15E
Sediment Sample - Downstream Areas - Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	SCOVILL BERA SCREENING VALUES	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	mg/Kg	3810	2440	3 / 3	100%	4/28/1999	DAF05R	--	
Arsenic	7440-38-2	mg/Kg	1.8	1.2	2 / 3	67%	4/28/1999	DAF05R	--	
Barium	7440-39-3	mg/Kg	51.6	12.8	3 / 3	100%	4/28/1999	DAF05R	--	
Calcium	7440-70-2	mg/Kg	1760	732	3 / 3	100%	4/28/1999	DAF05R	--	
Chromium	7440-47-3	mg/Kg	9.2	4.2	3 / 3	100%	4/28/1999	DAF05R	43.4	0
Cobalt	7440-48-4	mg/Kg	3.4	2.4	3 / 3	100%	4/28/1999	DAF05R	--	
Copper	7440-50-8	mg/Kg	53.7	16.9	3 / 3	100%	4/28/1999	DAF05R	31.6	**1**
Iron	7439-89-6	mg/Kg	16100	6730	3 / 3	100%	4/28/1999	DAF07R	20000	0
Lead	7439-92-1	mg/Kg	143	30.1	3 / 3	100%	4/28/1999	DAF07R	35.8	**2**
Magnesium	7439-95-4	mg/Kg	1750	1070	3 / 3	100%	4/28/1999	DAF05R	--	
Manganese	7439-96-5	mg/Kg	158	112	3 / 3	100%	4/28/1999	DAF07R	460	0
Mercury	7439-97-6	mg/Kg	0.029	0.015	2 / 3	67%	4/28/1999	DAF05R	0.18	0
Nickel	7440-02-0	mg/Kg	13.7	6.2	3 / 3	100%	4/28/1999	DAF05R	22.7	0
Potassium	7440-09-7	mg/Kg	777	361	3 / 3	100%	4/28/1999	DAF05R	--	
Selenium	7782-49-2	mg/Kg	1.2	0.99	2 / 3	67%	4/28/1999	DAF05R	--	
Vanadium	7440-62-2	mg/Kg	54.2	9.2	3 / 3	100%	4/28/1999	DAF05R	--	
Zinc	7440-66-6	mg/Kg	485	48.9	3 / 3	100%	4/28/1999	DAF05R	121	**1**

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
mg/Kg - Milligrams per Kilogram (part per million)
-- - No standard value is available
VALUE

Table 4-16A
Surface Water Sample - VOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	RWQC FRESHWATER SW-ACUTE		RWQC FRESHWATER SW-CHRONIC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Acetone	67-64-1	µg/L	9.9	9.9	1 / 4	25%	10/30/2002	~SW-2 (FIELD DUP)~~103002	--		--	
Cis-1,2-Dichloroethene	156-59-2	µg/L	1	1	1 / 4	25%	6/10/2004	SW-061004-DK-001	--		--	
Methyl Tert-Butyl Ether	1634-04-4	µg/L	1.5	1.5	1 / 4	25%	10/30/2002	~SW-1~~103002	--		--	
Tetrachloroethene	127-18-4	µg/L	24	24	1 / 4	25%	6/10/2004	SW-061004-DK-001	--		--	
Trichloroethene	79-01-6	µg/L	0.8	0.8	1 / 4	25%	6/10/2004	SW-061004-DK-001	--		--	

Notes:
Screening values are the Federal Recommended Water Quality Criteria for freshwater environments under acute and chronic exposure conditions
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-16B
Surface Water Sample - SVOCs Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	RWQC FRESHWATER SW-ACUTE		RWQC FRESHWATER SW-CHRONIC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Acenaphthylene	208-96-8	µg/L	0.2	0.2	1 / 4	25%	6/10/2004	SW-061004-DK-001	--		--	
Benzaldehyde	100-52-7	µg/L	1	1	2 / 4	50%	10/30/2002	~SW-2 (FIELD DUP)~~103002	--		--	
Benzo(A)Anthracene	56-55-3	µg/L	1	0.06	3 / 4	75%	6/10/2004	SW-061004-DK-001	--		--	
Benzo(A)Pyrene	50-32-8	µg/L	1	0.06	3 / 4	75%	6/10/2004	SW-061004-DK-001	--		--	
Benzo(B)Fluoranthene	205-99-2	µg/L	1	0.1	3 / 4	75%	6/10/2004	SW-061004-DK-001	--		--	
Benzo(G,H,I)Perylene	191-24-2	µg/L	1	0.07	2 / 4	50%	6/10/2004	SW-061004-DK-001	--		--	
Benzo(K)Fluoranthene	207-08-9	µg/L	1	1	1 / 4	25%	6/10/2004	SW-061004-DK-001	--		--	
Bis(2-Ethylhexyl)Phthalate	117-81-7	µg/L	2	2	3 / 3	100%	6/10/2004	SW-061004-DK-001	--		--	
Butylbenzylphthalate	85-68-7	µg/L	2	1	3 / 4	75%	10/30/2002	~SW-1~~103002	--		--	
Caprolactam	105-60-2	µg/L	2	1	2 / 4	50%	10/30/2002	~SW-2 (FIELD DUP)~~103002	--		--	
Carbazole	86-74-8	µg/L	0.2	0.2	1 / 4	25%	6/10/2004	SW-061004-DK-001	--		--	
Chrysene	218-01-9	µg/L	1	0.08	3 / 4	75%	6/10/2004	SW-061004-DK-001	--		--	
Dibenz(A,H)Anthracene	53-70-3	µg/L	0.4	0.4	1 / 4	25%	6/10/2004	SW-061004-DK-001	--		--	
Diethylphthalate	84-66-2	µg/L	3	1	3 / 4	75%	10/30/2002	~SW-1~~103002	--		--	
Di-N-Butyl Phthalate	84-74-2	µg/L	1	0.3	3 / 4	75%	10/30/2002	~SW-2 (FIELD DUP)~~103002	--		--	
Fluoranthene	206-44-0	µg/L	2	0.15	3 / 4	75%	6/10/2004	SW-061004-DK-001	--		--	
Fluorene	86-73-7	µg/L	0.05	0.05	1 / 4	25%	6/10/2004	SW-061004-DK-001	--		--	
Indeno(1,2,3-CD)Pyrene	193-39-5	µg/L	1	0.07	2 / 4	50%	6/10/2004	SW-061004-DK-001	--		--	
Phenanthrene	85-01-8	µg/L	0.9	0.06	3 / 4	75%	6/10/2004	SW-061004-DK-001	--		--	
Pyrene	129-00-0	µg/L	2	0.14	3 / 4	75%	6/10/2004	SW-061004-DK-001	--		--	

Notes:
Screening values are the Federal Recommended Water Quality Criteria for freshwater environments under acute and chronic exposure conditions
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-16C
Surface Water Sample - Total Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	NAWQC FRESHWATER SW-ACUTE		NAWQC FRESHWATER SW-CHRONIC		CT WQS-SW ACUTE		CT WQS-SW CHRONIC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	µg/L	643	109	4 / 4	100%	10/30/2002	~SW-2~~103002	750	0	87	**4**	--		--	
Arsenic	7440-38-2	µg/L	1.41	1.2	2 / 4	50%	10/30/2002	~SW-2~~103002	340	0	150	0	340	0	150	0
Barium	7440-39-3	µg/L	139	21.7	4 / 4	100%	6/10/2004	SW-061004-DK-001	--		--		--		--	
Cadmium	7440-43-9	µg/L	2.34	1.83	3 / 4	75%	10/30/2002	~SW-2~~103002	2	**3**	0.25	**3**	1	0	0.125	0
Calcium	7440-70-2	µg/L	55500	21000	4 / 4	100%	6/10/2004	SW-061004-DK-001	--		--		--		--	
Chromium	7440-47-3	µg/L	21.6	6	3 / 4	75%	10/30/2002	~SW-2~~103002	16	**2**	11	**2**	16	**2**	11	**2**
Cobalt	7440-48-4	µg/L	4.3	0.66	4 / 4	100%	6/10/2004	SW-061004-DK-001	--		--		--		--	
Copper	7440-50-8	µg/L	174	6.4	4 / 4	100%	10/30/2002	~SW-2~~103002	13	**3**	9	**3**	14.3	**3**	4.8	**4**
Iron	7439-89-6	µg/L	47100	7420	3 / 3	100%	10/30/2002	~SW-2~~103002	--		1000	**3**	--		--	
Lead	7439-92-1	µg/L	35.3	2.5	4 / 4	100%	10/30/2002	~SW-2~~103002	65	0	2.5	**4**	30	**2**	1.2	**4**
Magnesium	7439-95-4	µg/L	4700	4400	3 / 3	100%	10/30/2002	~SW-2~~103002	--		--		--		--	
Manganese	7439-96-5	µg/L	1020	260	3 / 3	100%	10/30/2002	~SW-2~~103002	--		--		--		--	
Mercury	7439-97-6	µg/L	0.33	0.33	1 / 4	25%	10/30/2002	~SW-2 (FIELD DUP) ~~103002	1.4	0	0.77	0	1.4	0	0.77	0
Nickel	7440-02-0	µg/L	28	14.7	4 / 4	100%	10/30/2002	~SW-2~~103002	470	0	52	0	260.5	0	28.9	0
Vanadium	7440-62-2	µg/L	26.2	0.75	3 / 4	75%	10/30/2002	~SW-2~~103002	--		--		--		--	
Zinc	7440-66-6	µg/L	3140	101	4 / 4	100%	6/10/2004	SW-061004-DK-001	120	**3**	120	**3**	65	**4**	65	**4**

Notes:
Screening values are the Federal National Ambient Water Quality Criteria (NAWQC) and Connecticut Water Quality Standards (CT WQS) for freshwater environments under acute and chronic exposure conditions
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-16D
Surface Water Sample - Dissolved Metals Data Statistical Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

								Action Level Code	NAWQC FRESHWATER SW-ACUTE		NAWQC FRESHWATER SW-CHRONIC		CT WQS-SW ACUTE		CT WQS-SW CHRONIC	
Parameter	**CAS #**	**Units**	**Max.**	**Min.**	**Freq. Detect**	**% Detect**	**Date of Max. Detect**	**Sample ID of Max. Detect**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**	**Action Level**	**# Exceedances**
Aluminum	7429-90-5	µg/L	14.5	6.09	3 / 3	100%	10/30/2002	~SW-1F~~103002	750	0	87	0	--		--	
Barium	7440-39-3	µg/L	25.5	15.1	3 / 3	100%	10/30/2002	~SW-2F (FIELD DUP) ~~103002	--		--		--		--	
Barium	7440-39-3	µg/L	25.5	15.1	3 / 3	100%	10/30/2002	~SW-2F~~103002	--		--		--		--	
Calcium	7440-70-2	µg/L	23.8	19.2	3 / 3	100%	10/30/2002	~SW-2F (FIELD DUP) ~~103002	--		--		--		--	
Chromium	7440-47-3	µg/L	2	1	3 / 3	100%	10/30/2002	~SW-1F~~103002	16	0	11	0	16	0	11	0
Cobalt	7440-48-4	µg/L	0.296	0.263	2 / 3	67%	10/30/2002	~SW-2F (FIELD DUP) ~~103002	--		--		--		--	
Copper	7440-50-8	µg/L	8	4	3 / 3	100%	10/30/2002	~SW-1F~~103002	13	0	9	0	14.3	0	4.8	**1**
Iron	7439-89-6	µg/L	837	374	3 / 3	100%	10/30/2002	~SW-1F~~103002	--		1000	0	--		--	
Magnesium	7439-95-4	µg/L	4.3	3.93	3 / 3	100%	10/30/2002	~SW-2F (FIELD DUP) ~~103002	--		--		--		--	
Manganese	7439-96-5	µg/L	136	79.9	3 / 3	100%	10/30/2002	~SW-2F (FIELD DUP) ~~103002	--		--		--		--	
Nickel	7440-02-0	µg/L	11.1	3.43	3 / 3	100%	10/30/2002	~SW-1F~~103002	470	0	52	0	260.5	0	28.9	0
Zinc	7440-66-6	µg/L	74	51.1	3 / 3	100%	10/30/2002	~SW-1F~~103002	120	0	120	0	65	**1**	65	**1**

Notes:
Screening values are the Federal National Ambient Water Quality Criteria (NAWQC) and Connecticut Water Quality Standards (CT WQS) for freshwater environments under acute and chronic exposure conditions
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of the a screening value (number of exceedances highlighted at the right) of the indicated compound was detected.

Table 4-17
Phase IIA Soil Gas Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample Location	SG1	SG2	SG3	SG4	SG5	SG5	SG6
Sample Type	N	N	N	N	N	FD	N
Top Depth (ft bgs)	4.5	4.5	4.5	4.5	4.5	4.5	4.5
End Depth (ft bgs)	5	5	5	5	5	5	5
Dilution Factor	1	1	1	1	1, 20	1, 20	1
Date Sampled	5/25/2004	5/25/2004	5/25/2004	5/25/2004	5/25/2004	5/25/2004	5/25/2004
Date Analyzed	6/11/2004	6/11/2004	6/11/2004	6/11/2004	6/11/2004	6/11/2004	6/11/2004
Parameter							
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,2,4-Trimethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,2-Dichloroethene (total)	NR	NR	NR	NR	NR	0.5 U	NR
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,3,5-Trimethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,3-Butadiene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,4-Dioxane	NR	NR	NR	NR	NR	5 U	NR
2,2,4-Trimethylpentane	0.5 U	0.5 U	0.5 U	0.5 U	23 D	0.5 U	10 U
2-Butanone	NR	NR	NR	NR	NR	8.4	NR
2-Chlorotoluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
2-Hexanone	NR	NR	NR	NR	NR	0.5 U	NR
4-Ethyltoluene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
4-Methyl-2-Pentanone	NR	NR	NR	NR	NR	0.5 U	NR
Acetone	NR	NR	NR	NR	NR	68 E	NR
Allyl chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Benzene	0.92	0.5 U	0.99	0.5 U	290 D	340 D	20
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U

Table 4-17
Phase IIA Soil Gas Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample Location	SG1	SG2	SG3	SG4	SG5	SG5	SG6
Sample Type	N	N	N	N	N	FD	N
Top Depth (ft bgs)	4.5	4.5	4.5	4.5	4.5	4.5	4.5
End Depth (ft bgs)	5	5	5	5	5	5	5
Dilution Factor	1	1	1	1	1, 20	1, 20	1
Date Sampled	5/25/2004	5/25/2004	5/25/2004	5/25/2004	5/25/2004	5/25/2004	5/25/2004
Date Analyzed	6/11/2004	6/11/2004	6/11/2004	6/11/2004	6/11/2004	6/11/2004	6/11/2004
Parameter							
Carbon Disulfide	0.73	1.5	13	0.64	34	25	10 U
Carbon Tetrachloride	39	3.7	3.1	2.4	19	22	88
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Chloroethane	0.71	0.76	0.5 U	0.5 U	1.4	1.2	10 U
Chloroform	1.5	0.5 U	0.5 U	0.5 U	10	11	28
Chloromethane	0.78	0.52	0.99	0.5 U	1.8	1.6	10 U
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Cyclohexane	0.5 U	1.9	34	0.8	31	25	10 U
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Dichlorodifluoromethane	3.7 J	7 J	2.9 J	3 J	2 J	1.8 J	10 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Freon-114	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Hexachlorobutadiene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Hexane	13	0.61	12	0.72	12	12	10 U
Isopropyl alcohol	NR	NR	NR	NR	NR	5 U	NR
m,p-Xylene	NR	NR	NR	NR	NR	19	NR
Methyl Methacrylate	NR	NR	NR	NR	NR	0.5 U	NR
Methyl Tert-Butyl Ether	NR	NR	NR	NR	NR	0.5 U	NR
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U	1.3 J	0.5 U	10 U
n-Heptane	7.9	0.5 U	5.7	0.5 U	20	18	10 U
o-Xylene	0.5 U	0.73	0.5 U	0.5 U	3.9 J	0.5 U	10 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
tert-Butyl Alcohol	NR	NR	NR	NR	NR	5 U	NR
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Tetrahydrofuran	NR	NR	NR	NR	NR	5 U	NR
Toluene	0.66	0.67	1.1	0.66	160 D	210 D	44
trans-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U

Table 4-17
Phase IIA Soil Gas Data Summary
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Sample Location	SG1	SG2	SG3	SG4	SG5	SG5	SG6
Sample Type	N	N	N	N	N	FD	N
Top Depth (ft bgs)	4.5	4.5	4.5	4.5	4.5	4.5	4.5
End Depth (ft bgs)	5	5	5	5	5	5	5
Dilution Factor	1	1	1	1	1, 20	1, 20	1
Date Sampled	5/25/2004	5/25/2004	5/25/2004	5/25/2004	5/25/2004	5/25/2004	5/25/2004
Date Analyzed	6/11/2004	6/11/2004	6/11/2004	6/11/2004	6/11/2004	6/11/2004	6/11/2004
Parameter							
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Vinyl bromide (bromoethene)	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Vinyl Chloride	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
Xylene (total)	0.5 U	1.5	0.57	0.5 U	16	20	12

Notes:

Results in part per billion by volume (ppbv)
U = Non detect at noted reporting limit
D = Result from a diluted sample
J = Estimated result
E = Result exceeds calibration range (not diluted)
NR = Not reported
Data from Conestoga-Rovers Associates (CRA) as reported by M&E/TTEC, 2005

Table 5-1
Summary of Groundwater Contaminant Fate and Transport Processes
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

PROCESS	SUBSURFACE PROPERTY	CONTAMINANT PROPERTY
Hydrodynamic Solute Transport		
Advection	Groundwater gradient, hydraulic conductivity, porosity	Independent of contaminant
Dispersion/Diffusion	Dispersivity, pore water velocity, porosity, hydraulic conductivity	Diffusion coefficient
Preferential Flow	Pore size distribution, fractures, macropores	Independent of contaminant
Abiotic Solute Transport		
Adsorption (Soil-Water Partitioning)	Organic content, clay content, specific surface area	Solubility, octanol-water partition coefficient
Volatilization (Air-Water Partitioning)	Degree of saturation	Vapor pressure, Henry's Law constant
Ion Exchange (Soil-Water Partitioning)	Cation exchange capacity, ionic strength, and background ions	Valency, dipole moment
Hydrolysis	pH, competing reactions	Hydrolysis half-life
Dissolution/Precipitation	pH, metals presence	Solubility versus pH, speciation reactions
Co-solvation	Types and fraction of co-solvents present	Solubility, octanol-water partition coefficient
Oxidation/Reduction (Redox)	pE (electron acceptors), pH	pK_a
Colloid Transport	pH, ionic strength, flow rate, mobile particle size, and aquifer and particle surface chemistry	Sorption, reactivity, speciation, solubility
Biotic		
Metabolism/Co-metabolism (Decay)	Microorganisms, nutrients, pH, pE, and trace elements	BOD, COD, degree of halogenation, etc.

Source: Subsurface Transport and Fate Problems, Robert C. Knox, David A. Sabitini, Larry W. Canter, 1993.

Table 6-1
Summary of Receptor Risks and Hazards
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Property	Scenario/ Receptor	Media	Lead Model Results [1] % with blood lead level greater than 10 µg/dL	RME							CTE		
				CR>1E-04 or HI>1	Total Cancer Risks	Major contributors to total cancer risk (individual cancer risk >1E-06)	Individual COC cancer risks	Total Noncancer Hazard Index	Major contributors to noncancer Hazard Index above 1.0 (individual HQ>1.0)	Individual COC hazard quotient	CR>1E-04 or HI>1	Total Cancer Risks	Total Noncancer Hazard Index
Risk Area D1 - Current/Future	Age-Adjusted Resident	Surface Soil	See child	Yes	1.7E-04	Benzo(a)anthracene	5.4E-06	NE	---		No	4.4E-05	NE
						Benzo(a)pyrene	6.2E-05						
						Benzo(b)fluoranthene	8.3E-06						
						Dibenz(a,h)anthracene	2.2E-05						
						Indeno(1,2,3-cd)pyrene	6.1E-06						
						Arsenic	1.1E-05						
						Chromium	5.2E-05						
	Adult Resident	Surface Soil	See child	No	NE	---		0.13	---		No	NE	0.069
	Child Resident	Surface Soil	Not a COPC	Yes	NE	---		1.1	---		No	NE	0.55
	Construction Worker	Aggregate Soil	NE	Yes	7.4E-06	Chromium	1.7E-06	1.5	---		No	1.4E-06	0.26
						Vanadium	5.1E-06						
Risk Area D1 - Future	Age-Adjusted Resident	Aggregate Soil	See child	Yes	1.5E-04	Benzo(a)anthracene	3.8E-06	NE	---		No	3.9E-05	NE
						Benzo(a)pyrene	5.9E-05						
						Benzo(b)fluoranthene	7.7E-06						
						Dibenz(a,h)anthracene	1.2E-05						
						Indeno(1,2,3-cd)pyrene	4.8E-06						
						Arsenic	9.7E-06						
						Chromium	5.0E-05						
						Vanadium	1.2E-06						
	Adult Resident	Aggregate Soil	See child	No	NE	---		0.25	---		No	NE	0.15
	Child Resident	Aggregate Soil	Not a COPC	Yes	NE	---		1.8	---		No	NE	0.93
Risk Area D3 - Current/Future	Industrial/ Commercial Worker	Surface Soil	0%	No	3.7E-05	Benzo(a)anthracene	1.8E-06	0.12	---		No	4.3E-06	0.051
						Benzo(a)pyrene	1.8E-05						
						Benzo(b)fluoranthene	2.7E-06						
						Dibenz(a,h)anthracene	1.5E-06						
						Arsenic	7.4E-06						
						Chromium	5.3E-06						
	Construction Worker	Aggregate Soil	NE	No	4.3E-06	Chromium	1.9E-06	0.90	---		No	6.0E-07	0.16
Risk Area D3 - Future	Industrial/ Commercial Worker	Aggregate Soil	0%	No	3.4E-05	Benzo(a)anthracene	1.4E-06	0.092	---		No	3.8E-06	0.040
						Benzo(a)pyrene	1.6E-05						
						Benzo(b)fluoranthene	2.3E-06						
						Dibenz(a,h)anthracene	5.5E-06						
						Indeno(1,2,3-cd)pyrene	1.1E-06						
						Arsenic	4.7E-06						
						Chromium	3.0E-06						

Table 6-1
Summary of Receptor Risks and Hazards
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Property	Scenario/ Receptor	Media	Lead Model Results [1] % with blood lead level greater than 10 µg/dL	RME							CTE		
				CR>1E-04 or HI>1	Total Cancer Risks	Major contributors to total cancer risk (individual cancer risk >1E-06)	Individual COC cancer risks	Total Noncancer Hazard Index	Major contributors to noncancer Hazard Index above 1.0 (individual HQ>1.0)	Individual COC hazard quotient	CR>1E-04 or HI>1	Total Cancer Risks	Total Noncancer Hazard Index
Risk Area E1 - Current/Future	Adult Resident (Elderly Only)	Surface Soil	See child	No	1.8E-05	Benzo(a)pyrene	7.8E-06	0.12	---		No	2.3E-06	0.062
						Arsenic	2.8E-06						
						Chromium	4.3E-06						
	Child Recreational Visitor	Surface Soil	Not a COPC	No	7.8E-05	Benzo(a)anthracene	4.7E-06	0.43	---		No	1.1E-05	0.10
						Benzo(a)pyrene	3.9E-05						
						Benzo(b)fluoranthene	2.7E-06						
						Dibenz(a,h)anthracene	4.5E-06						
						Indeno(1,2,3-cd)pyrene	2.2E-06						
						Arsenic	2.8E-06						
						Chromium	2.2E-05						
	Groundskeeper	Surface Soil	Not a COPC	No	1.4E-05	Benzo(a)pyrene	6.4E-06	0.071	---		No	3.7E-07	0.0070
						Arsenic	2.0E-06						
						Chromium	2.7E-06						
	Construction Worker	Aggregate Soil	NE	Yes	8.2E-06	Chromium	2.1E-06	1.3	---		No	1.4E-06	0.22
						Vanadium	4.2E-06						
Risk Area E1 - Future	Age-Adjusted Resident (Families)	Surface Soil	See child	Yes	2.1E-04	Benzo(a)anthracene	1.2E-05	NE	---		No	5.4E-05	NE
						Benzo(a)pyrene	1.0E-04						
						Benzo(b)fluoranthene	7.0E-06						
						Dibenz(a,h)anthracene	1.2E-05						
						Indeno(1,2,3-cd)pyrene	5.8E-06						
						Arsenic	9.0E-06						
						Chromium	5.8E-05						
	Child Resident	Surface Soil	Not a COPC	No	NE	---		0.96	---		No	NE	0.48
	Age-Adjusted Resident (Families)	Aggregate Soil	See child	Yes	5.2E-04	TEQ	2.5E-06	NE	---		Yes	1.3E-04	NE
						Bis(2-chloroethyl)ether	1.8E-06						
						Hexachlorobenzene	1.2E-06						
						N-Nitrosodi-n-propylamine	5.4E-06						
						Benzo(a)anthracene	3.7E-05						
						Benzo(a)pyrene	3.3E-04						
						Benzo(b)fluoranthene	4.8E-05						
						Benzo(k)fluoranthene	1.9E-06						
						Dibenz(a,h)anthracene	1.4E-05						
						Indeno(1,2,3-cd)pyrene	7.2E-06						
						Arsenic	8.6E-06						
						Chromium	6.2E-05						
	Adult Resident	Aggregate Soil	See child	No	NE	---		0.23	---		No	NE	0.14
	Child Resident	Aggregate Soil	Not a COPC	Yes	NE	---		1.8	---		No	NE	0.90

Table 6-1
Summary of Receptor Risks and Hazards
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Property	Scenario/ Receptor	Media	Lead Model Results [1] % with blood lead level greater than 10 µg/dL	RME							CTE		
				CR>1E-04 or HI>1	Total Cancer Risks	Major contributors to total cancer risk (individual cancer risk >1E-06)	Individual COC cancer risks	Total Noncancer Hazard Index	Major contributors to noncancer Hazard Index above 1.0 (individual HQ>1.0)	Individual COC hazard quotient	CR>1E-04 or HI>1	Total Cancer Risks	Total Noncancer Hazard Index
Risk Area E2 - Current/Future	Daycare Child	Surface Soil	Not a COPC	No	6.0E-05	Benzo(a)anthracene	2.8E-06	0.63	---		No	4.5E-06	0.091
						Benzo(a)pyrene	2.4E-05						
						Benzo(b)fluoranthene	4.3E-06						
						Dibenz(a,h)anthracene	5.1E-06						
						Indeno(1,2,3-cd)pyrene	2.3E-06						
						Arsenic	3.0E-06						
						Chromium	1.9E-05						
	Industrial/ Commercial Worker	Surface Soil	Not a COPC	No	1.0E-05	Benzo(a)pyrene	3.9E-06	0.071	---		No	1.3E-06	0.032
						Arsenic	1.8E-06						
						Chromium	2.3E-06						
	Construction Worker	Aggregate Soil	NE	No	2.9E-06	Chromium	1.5E-06	0.84	---		No	4.5E-07	0.15
Risk Area E2 - Future	Industrial/ Commercial Worker	Aggregate Soil	0%	No	1.8E-05	Benzo(a)pyrene	9.0E-06	0.093	---		No	2.0E-06	0.040
						Benzo(b)fluoranthene	1.2E-06						
						Arsenic	2.7E-06						
						Chromium	2.3E-06						
Risk Area E3 - Current/Future	Age-Adjusted Resident	Surface Soil	See child	Yes	2.2E-04	Benzo(a)anthracene	1.2E-05	NE	---		No	5.9E-05	NE
						Benzo(a)pyrene	9.5E-05						
						Benzo(b)fluoranthene	1.1E-05						
						Dibenz(a,h)anthracene	1.7E-05						
						Indeno(1,2,3-cd)pyrene	6.6E-06						
						Arsenic	1.1E-05						
						Chromium	6.9E-05						
	Adult Resident	Surface Soil	See child	No	NE	---		0.15	---		No	NE	0.082
	Child Resident	Surface Soil	Not a COPC	Yes	NE	---		1.3	---		No	NE	0.65
	Groundskeeper	Surface Soil	Not a COPC	No	1.5E-05	Benzo(a)pyrene	6.0E-06	0.092	---		No	4.1E-07	0.0093
						Dibenz(a,h)anthracene	1.1E-06						
						Arsenic	2.5E-06						
						Chromium	3.3E-06						
	Construction Worker	Aggregate Soil	NE	Yes	7.0E-06	Chromium	5.7E-06	1.1	---		No	1.2E-06	0.19

Table 6-1
Summary of Receptor Risks and Hazards
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Property	Scenario/ Receptor	Media	Lead Model Results [1] % with blood lead level greater than 10 µg/dL	RME							CTE		
				CR>1E-04 or HI>1	Total Cancer Risks	Major contributors to total cancer risk (individual cancer risk >1E-06)	Individual COC cancer risks	Total Noncancer Hazard Index	Major contributors to noncancer Hazard Index above 1.0 (individual HQ>1.0)	Individual COC hazard quotient	CR>1E-04 or HI>1	Total Cancer Risks	Total Noncancer Hazard Index
Risk Area E3 - Future	Age-Adjusted Resident	Aggregate Soil	See child	Yes	2.9E-04	Benzo(a)anthracene	9.5E-06	NE	---		No	8.2E-05	NE
						Benzo(a)pyrene	7.4E-05						
						Benzo(b)fluoranthene	8.7E-06						
						Dibenz(a,h)anthracene	1.3E-05						
						Indeno(1,2,3-cd)pyrene	5.0E-06						
						Arsenic	1.3E-05						
						Chromium	1.7E-04						
	Adult Resident	Aggregate Soil	See child	No	NE	---		0.16	---		No	NE	0.083
	Child Resident	Aggregate Soil	0.14%	Yes	NE	---		1.3	---		No	NE	0.67
Risk Area F - Current/Future	Age-Adjusted Resident	Surface Soil	See child	Yes	2.1E-04	Benzo(a)anthracene	1.3E-05	NE	---		No	5.5E-05	NE
						Benzo(a)pyrene	7.1E-05						
						Benzo(b)fluoranthene	1.4E-05						
						Benzo(k)fluoranthene	1.4E-06						
						Dibenz(a,h)anthracene	2.4E-05						
						Indeno(1,2,3-cd)pyrene	5.2E-06						
						Arsenic	2.0E-05						
						Chromium	6.3E-05						
	Adult Resident	Surface Soil	See child	No	NE	---		0.19	---		No	NE	0.10
	Child Resident	Surface Soil	0.18%	Yes	NE	---		1.6	---		No	NE	0.79
	Construction Worker	Aggregate Soil	NE	Yes	1.4E-05	Chromium	1.2E-05	1.3	---		No	2.6E-06	0.23
						Vanadium	1.4E-06						
Risk Area F - Future	Age-Adjusted Resident	Aggregate Soil	See child	Yes	5.2E-04	Benzo(a)anthracene	1.1E-05	NE	---		Yes	1.5E-04	NE
						Benzo(a)pyrene	9.1E-05						
						Benzo(b)fluoranthene	1.2E-05						
						Benzo(k)fluoranthene	1.2E-06						
						Dibenz(a,h)anthracene	2.2E-05						
						Indeno(1,2,3-cd)pyrene	4.9E-06						
						Arsenic	1.9E-05						
						Chromium	3.6E-04						
	Adult Resident	Aggregate Soil	See child	No	NE	---		0.23	---		No	NE	0.12
	Child Resident	Aggregate Soil	0.21%	Yes	NE	---		1.9	---		No	NE	0.96
Risk Area G - Current/Future	Industrial/ Commercial Worker	Surface Soil	0.4%	No	3.2E-05	Benzo(a)pyrene	4.4E-06	0.40	---		No	4.4E-06	0.17
						Dibenz(a,h)anthracene	1.2E-06						
						Arsenic	1.3E-05						
						Chromium	1.2E-05						
	Construction Worker	Aggregate Soil	NE	Yes	6.3E-06	Chromium	4.5E-06	2.1	---		No	1.1E-06	0.33

Table 6-1
Summary of Receptor Risks and Hazards
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Property	Scenario/ Receptor	Media	Lead Model Results [1] % with blood lead level greater than 10 µg/dL	RME							CTE		
				CR>1E-04 or HI>1	Total Cancer Risks	Major contributors to total cancer risk (individual cancer risk >1E-06)	Individual COC cancer risks	Total Noncancer Hazard Index	Major contributors to noncancer Hazard Index above 1.0 (individual HQ>1.0)	Individual COC hazard quotient	CR>1E-04 or HI>1	Total Cancer Risks	Total Noncancer Hazard Index
Risk Area G - Future	Industrial/ Commercial Worker	Aggregate Soil	0.2%	No	2.1E-05	Benzo(a)pyrene	3.3E-06	0.36	---		No	2.8E-06	0.15
						Arsenic	8.2E-06						
						Chromium	7.0E-06						
Risk Area H - Current/Future	Industrial/ Commercial Worker	Surface Soil	Not a COPC	No	2.8E-05	Benzo(a)anthracene	1.3E-06	0.081	---		No	3.1E-06	0.036
						Benzo(a)pyrene	1.4E-05						
						Benzo(b)fluoranthene	1.6E-06						
						Dibenz(a,h)anthracene	4.6E-06						
						Indeno(1,2,3-cd)pyrene	1.1E-06						
						Arsenic	2.4E-06						
						Chromium	2.8E-06						
	Construction Worker	Aggregate Soil	NE	Yes	5.7E-06	Benzo(a)pyrene	1.3E-06	1.5	---		No	7.6E-07	0.27
						Chromium	2.0E-06						
Risk Area H - Future	Industrial/ Commercial Worker	Aggregate Soil	0%	No	5.1E-05	Benzo(a)anthracene	2.5E-06	0.17	---		No	5.6E-06	0.074
						Benzo(a)pyrene	2.6E-05						
						Benzo(b)fluoranthene	2.9E-06						
						Dibenz(a,h)anthracene	6.9E-06						
						Indeno(1,2,3-cd)pyrene	1.3E-06						
						Arsenic	8.8E-06						
						Chromium	3.1E-06						
Risk Area I - Current/Future	Industrial/ Commercial Worker	Surface Soil	Not a COPC	No	3.6E-05	Benzo(a)anthracene	2.1E-06	0.12	---		No	3.9E-06	0.052
						Benzo(a)pyrene	2.0E-05						
						Benzo(b)fluoranthene	3.5E-06						
						Dibenz(a,h)anthracene	2.7E-06						
						Arsenic	3.4E-06						
						Chromium	3.0E-06						
	Construction Worker	Aggregate Soil	NE	Yes	2.0E-05	Benzo(a)anthracene	1.3E-06	1.1	---		No	1.7E-06	0.19
						Benzo(a)pyrene	1.1E-05						
						Dibenz(a,h)anthracene	2.7E-06						
						Chromium	1.4E-06						
						Vanadium	1.5E-06						
Risk Area I - Future	Industrial/ Commercial Worker	Aggregate Soil	0%	Yes	3.3E-04	Benzo(a)anthracene	2.5E-05	0.16	---		No	3.3E-05	0.072
						Benzo(a)pyrene	2.1E-04						
						Benzo(b)fluoranthene	8.8E-06						
						Dibenz(a,h)anthracene	5.3E-05						
						Indeno(1,2,3-cd)pyrene	1.8E-05						
						Arsenic	6.2E-06						
						Chromium	2.2E-06						

Table 6-1
Summary of Receptor Risks and Hazards
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Property	Scenario/ Receptor	Media	Lead Model Results [1] % with blood lead level greater than 10 µg/dL	RME							CTE		
				CR>1E-04 or HI>1	Total Cancer Risks	Major contributors to total cancer risk (individual cancer risk >1E-06)	Individual COC cancer risks	Total Noncancer Hazard Index	Major contributors to noncancer Hazard Index above 1.0 (individual HQ>1.0)	Individual COC hazard quotient	CR>1E-04 or HI>1	Total Cancer Risks	Total Noncancer Hazard Index
Risk Area J - Current/Future	Trespasser	Surface Soil	NE	Yes	1.7E-03	Benzo(a)pyrene	5.6E-06	3.4	Chromium	2.5	Yes	1.9E-04	0.36
						Dibenz(a,h)anthracene	1.8E-06						
						Aroclor 1254	3.9E-06						
						Chromium	1.6E-03						
		Sediment	NE	No	1.7E-05	Benzo(a)pyrene	5.9E-06	0.052	---		No	3.6E-06	0.011
						Dibenz(a,h)anthracene	1.1E-06						
						Chromium	7.9E-06						
		Surface Water	NE	No	6.8E-06	Benzo(a)pyrene	5.2E-06	0.021	---		No	2.4E-06	0.0053
		Total All Media			1.7E-03	see above		3.5	see above		Yes	2.0E-04	0.38
Risk Area J - Future	Age-Adjusted Resident	Surface Soil	See child	Yes	4.8E-02	Benzo(a)anthracene	1.5E-05	NE	---		Yes	1.5E-02	NE
						Benzo(a)pyrene	1.1E-04						
						Benzo(b)fluoranthene	1.2E-05						
						Dibenz(a,h)anthracene	3.4E-05						
						Indeno(1,2,3-cd)pyrene	7.5E-06						
						Aroclor 1254	5.2E-05						
						Aroclor 1260	2.7E-06						
						Arsenic	1.2E-05						
						Chromium	4.8E-02						
						Vanadium	1.1E-06						
	Adult Resident	Surface Soil	See child	Yes	NE	---		8.1	Aroclor 1254	1.2	Yes	NE	4.0
									Chromium	6.5			
	Child Resident	Surface Soil	0.35%	Yes	NE	---		73	Aroclor 1254	10	Yes	NE	36
									Chromium	60			
									Nickel	1.2			
	Industrial/ Commercial Worker	Surface Soil	0%	Yes	2.5E-03	Benzo(a)anthracene	1.1E-06	5.9	Aroclor 1254	1.1	Yes	4.1E-04	2.4
						Benzo(a)pyrene	7.4E-06		Chromium	4.6			
						Dibenz(a,h)anthracene	2.4E-06						
						Aroclor 1254	1.5E-05						
						Arsenic	3.0E-06						
						Chromium	2.5E-03						

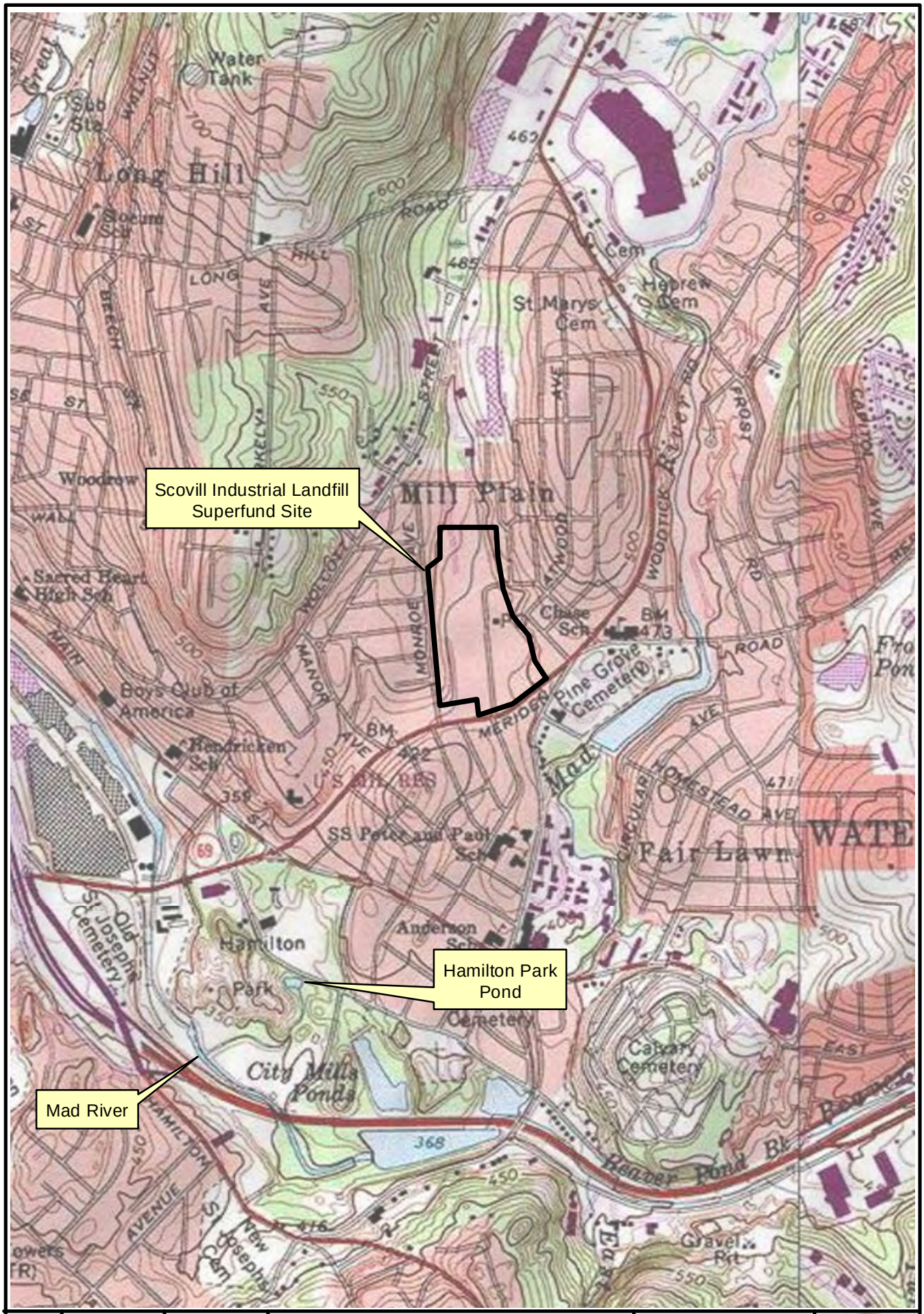
Table 6-1
Summary of Receptor Risks and Hazards
Scovill Industrial Landfill Superfund Site
Waterbury, Connecticut

Property	Scenario/ Receptor	Media	Lead Model Results [1] % with blood lead level greater than 10 µg/dL	RME							CTE		
				CR>1E-04 or HI>1	Total Cancer Risks	Major contributors to total cancer risk (individual cancer risk >1E-06)	Individual COC cancer risks	Total Noncancer Hazard Index	Major contributors to noncancer Hazard Index above 1.0 (individual HQ>1.0)	Individual COC hazard quotient	CR>1E-04 or HI>1	Total Cancer Risks	Total Noncancer Hazard Index
Risk Area J - Future (cont.)	Age-Adjusted Resident	Aggregate Soil	See child	Yes	1.3E-02	TEQ	7.2E-06	NE	---		Yes	4.1E-03	NE
						Benzo(a)anthracene	1.0E-05						
						Benzo(a)pyrene	8.3E-05						
						Benzo(b)fluoranthene	9.7E-06						
						Dibenz(a,h)anthracene	1.9E-05						
						Indeno(1,2,3-cd)pyrene	6.8E-06						
						Aroclor 1254	1.0E-05						
						Aroclor 1260	1.2E-06						
						Arsenic	1.2E-05						
						Chromium	1.3E-02						
	Adult Resident	Aggregate Soil	See child	Yes	NE	---		2.3	Chromium	1.8	Yes	NE	1.2
	Child Resident	Aggregate Soil	0.12%	Yes	NE	---		21	Aroclor 1254	2.0	Yes	NE	10
									Chromium	16			
	Industrial/ Commercial Worker	Aggregate Soil	0%	Yes	7.0E-04	TEQ	1.8E-06	1.7	Chromium	1.3	Yes	1.1E-04	0.70
						Benzo(a)pyrene	5.8E-06						
						Dibenz(a,h)anthracene	1.3E-06						
						Aroclor 1254	3.1E-06						
						Arsenic	2.9E-06						
						Chromium	6.9E-04						
	Groundskeeper	Aggregate Soil	0%	Yes	6.3E-04	TEQ	1.6E-06	1.5	Chromium	1.1	No	2.3E-05	0.14
						Benzo(a)pyrene	5.2E-06						
						Dibenz(a,h)anthracene	1.2E-06						
						Aroclor 1254	2.8E-06						
						Arsenic	2.7E-06						
						Chromium	6.2E-04						
	Construction Worker	Aggregate Soil	NE	Yes	4.4E-04	Chromium	4.4E-04	7.5	Chromium	5.4	Yes	8.2E-05	1.1
						Vanadium	2.9E-06						

Notes:

NE	Not Evaluated
RME	Reasonable Maximum Exposure
CTE	Central Tendency Exposure
CR	Cancer risk
HI	Hazard Index
HQ	Hazard Quotient
1	Lead evaluation is performed only where lead is a COPC and only for child residents (IEUBK Model) and industrial/commercial workers or groundskeepers (Adult Lead Model)
	Cancer Risks are above 1E-04, Hazard Indices are above 1, or blood lead levels greater than 10 µg/dL in 5% or more.
	Cancer risks fall in the range of 10^{-6} to 10^{-4}.

FIGURES



N

Drawn By: JH	Checked By: LC
February 2013	Revision No. 00

APPROXIMATE SCALE
0 250 500 1,000 1,500 2,000 Feet

Quadrangle Location

USGS TOPOGRAPHIC MAP

WATERBURY, CONNECTICUT
1968; (Photo-revised 1984)

SOUTHINGTON, CONNECTICUT
1968; (Photo-revised 1992)

FIGURE 1-1

Site Locus Plan
Scovill Indsutrial Landfill
Waterbury, CT

Nobis
Engineering a Sustainable Future
Nobis Engineering, Inc.
585 Middlesex Street
Lowell, MA 01851
T(978) 653-0891
www.nobiseng.com
Client-Focused, Employee-Owned

Path: R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\GIS_Data\Maps\RI_Report\RI Section 4 Feb 2013\Fig_1-1_Scovill_Site_Locus_Plan.mxd Date Printed: 2/27/2013

N

Drawn By: JH	Checked By: LC
October 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Estimated Limit of Scovill Derived/Placed Fill
- Risk Area Boundaries
- Original Scovill Property Limits
- Modern Roads
- Assessor's Parcel Boundaries
- Modern Ground Surface Contour
- Calabrese Property
- Approximate Seasonal Wetland Area

FIGURE 1-2

Site Plan
Scovill Industrial Landfill
Waterbury, CT

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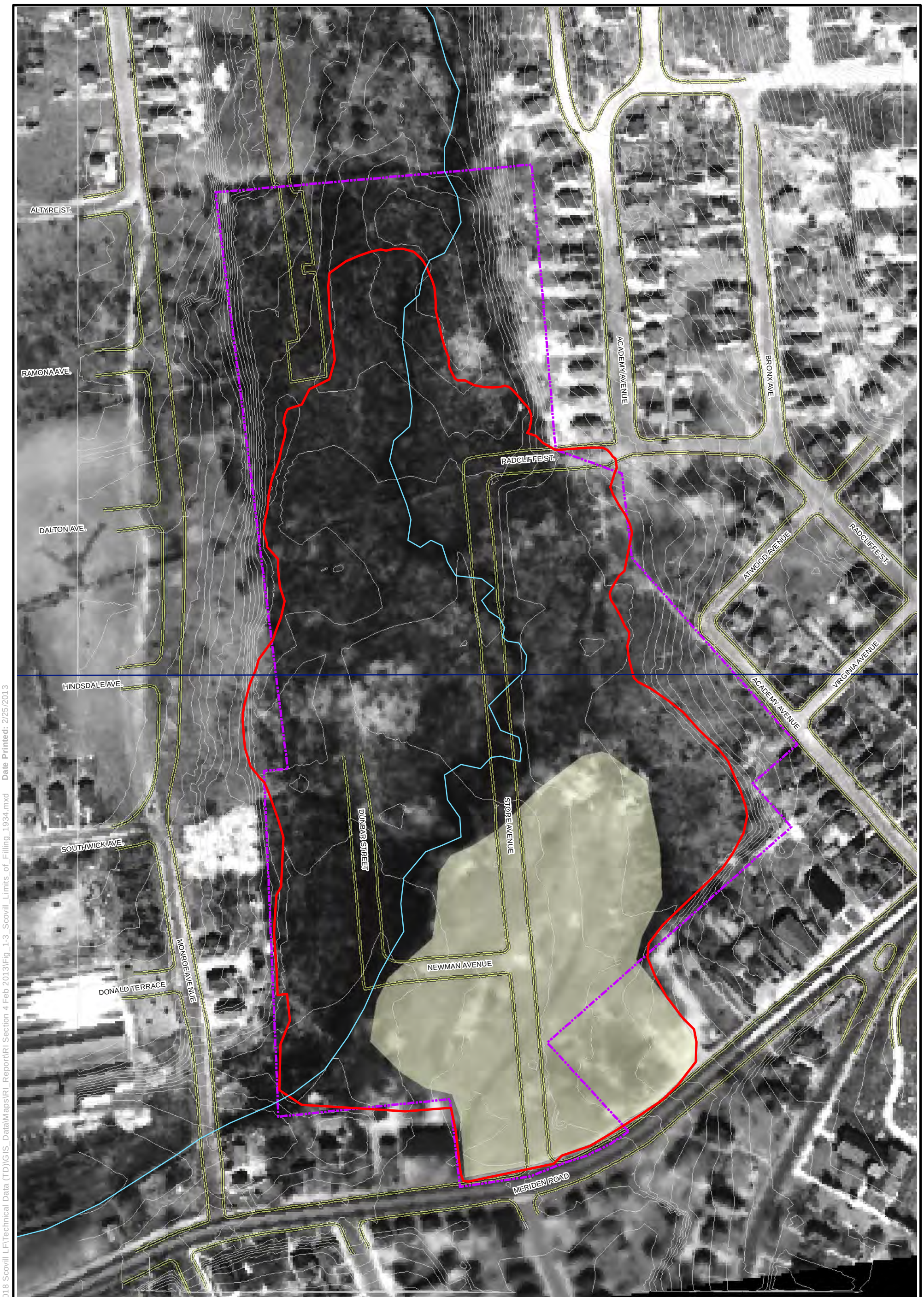

N

Drawn By: JH	Checked By: BA
February 2013	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Estimated Limit of Scovill Derived/Placed Fill
- Original Scovill Property Limits
- Modern Roads
- Modern Ground Surface Contour
- Limit of Scovill Derived/Placed Fill as of 1934
- Carrington Brook Stream Course (Approximate)

FIGURE 1-3
Limits of Historical Filling and Grading Activities - 1934
Scovill Industrial Landfill
Waterbury, CT

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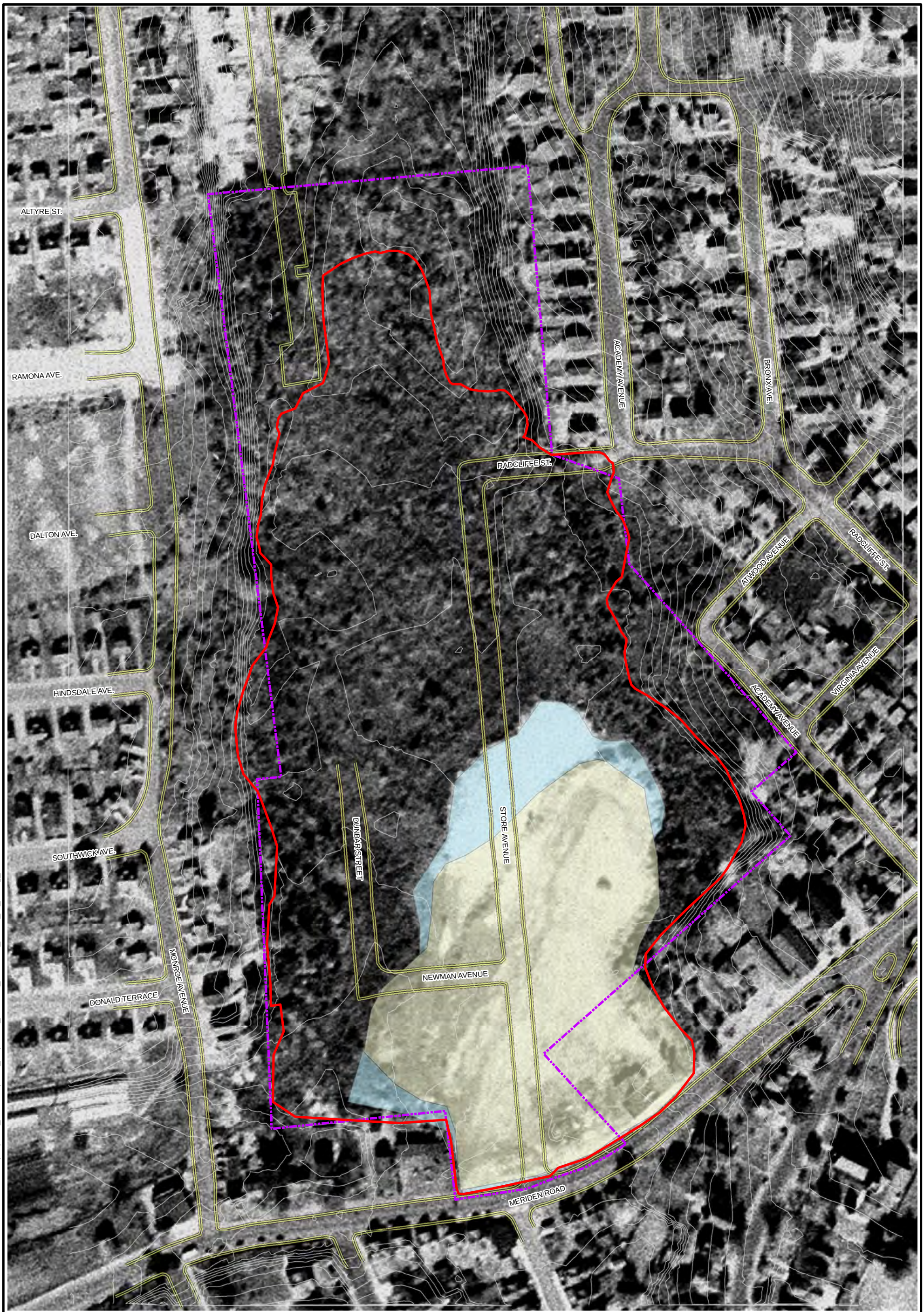

N

Drawn By: JH	Checked By: BA
October 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Estimated Limit of Scovill Derived/Placed Fill
- Original Scovill Property Limits
- Modern Roads
- Modern Ground Surface Contour
- Limit of Scovill Derived/Placed Fill as of 1934
- Limit of Scovill Derived/Placed Fill as of 1941

FIGURE 1-4
Limits of Historical Filling and Grading Activities - 1941
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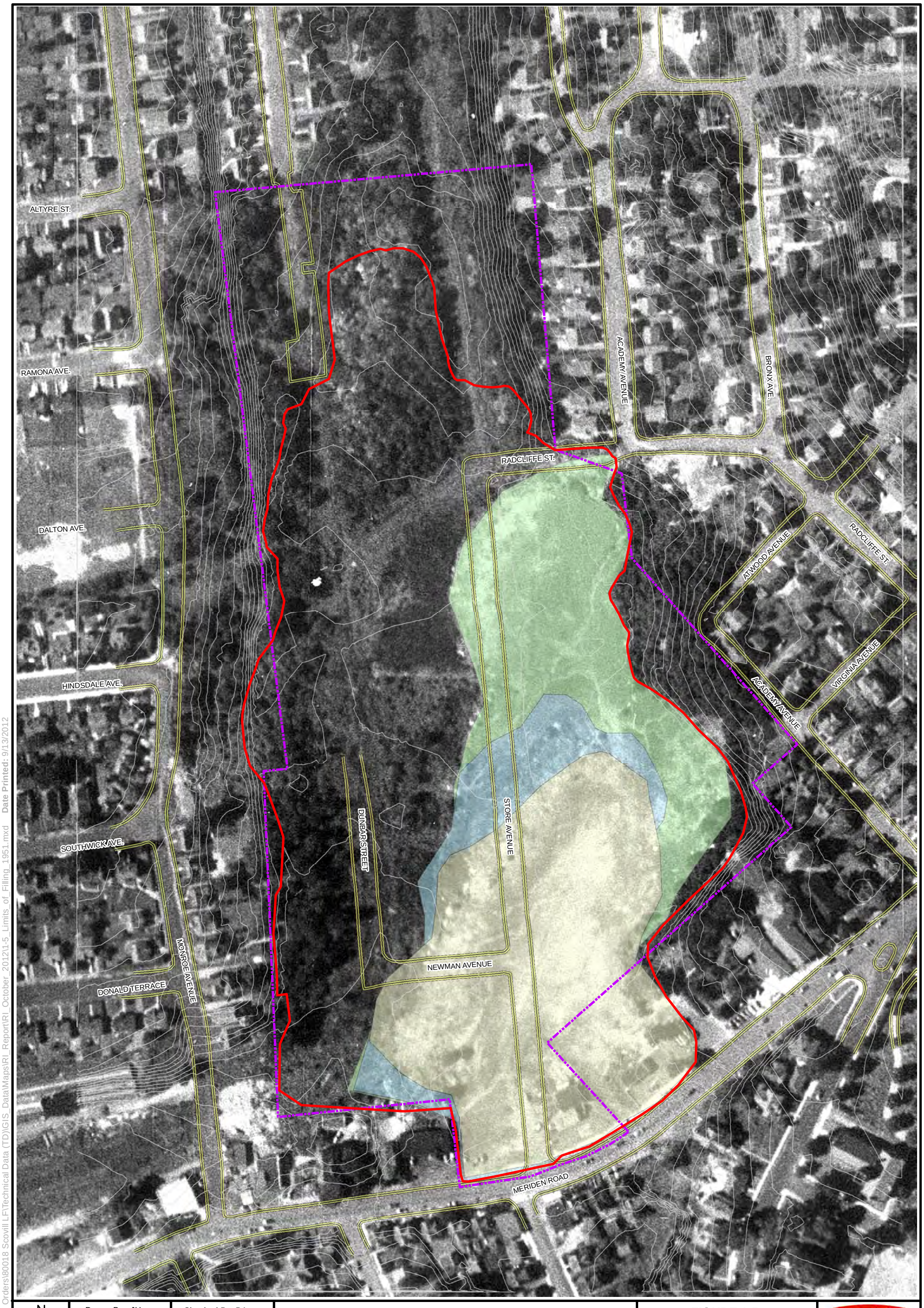

N

Drawn By: JH	Checked By: BA
October 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Estimated Limit of Scovill Derived/Placed Fill
- Original Scovill Property Limits
- Modern Roads
- Modern Ground Surface Contour
- Limit of Scovill Derived/Placed Fill as of 1934
- Limit of Scovill Derived/Placed Fill as of 1941
- Limit of Scovill Derived/Placed Fill as of 1951

FIGURE 1-5
Limits of Historical Filling and Grading Activities - 1951
Scovill Industrial Landfill
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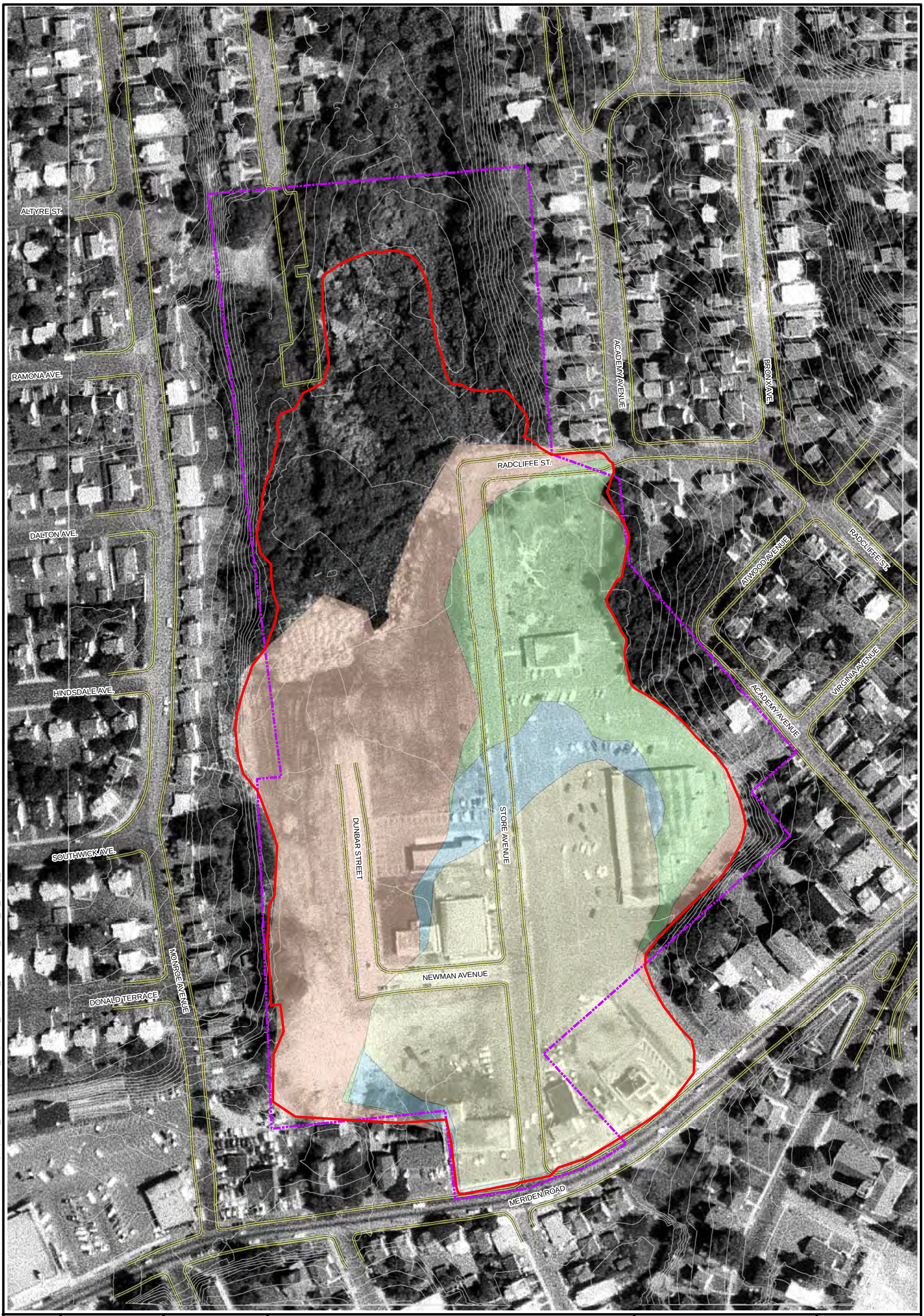

N

Drawn By: JH	Checked By: BA
October 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Estimated Limit of Scovill Derived/Placed Fill
- Original Scovill Property Limits
- Modern Roads
- Modern Ground Surface Contour
- Limit of Scovill Derived/Placed Fill as of 1934
- Limit of Scovill Derived/Placed Fill as of 1941
- Limit of Scovill Derived/Placed Fill as of 1951
- Limit of Scovill Derived/Placed Fill as of 1963

FIGURE 1-6
Limits of Historical Filling and Grading Activities - 1963
Scovill Industrial Landfill
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N

Drawn By: JH	Checked By: BA
October 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Estimated Limit of Scovill Derived/Placed Fill
- Original Scovill Property Limits
- Modern Roads
- Modern Ground Surface Contour
- Limit of Scovill Derived/Placed Fill as of 1934
- Limit of Scovill Derived/Placed Fill as of 1941
- Limit of Scovill Derived/Placed Fill as of 1951
- Limit of Scovill Derived/Placed Fill as of 1963
- Limit of Scovill Derived/Placed Fill as of 1970

FIGURE 1-7
Limits of Historical Filling and Grading Activities - 1970
Scovill Industrial Landfill
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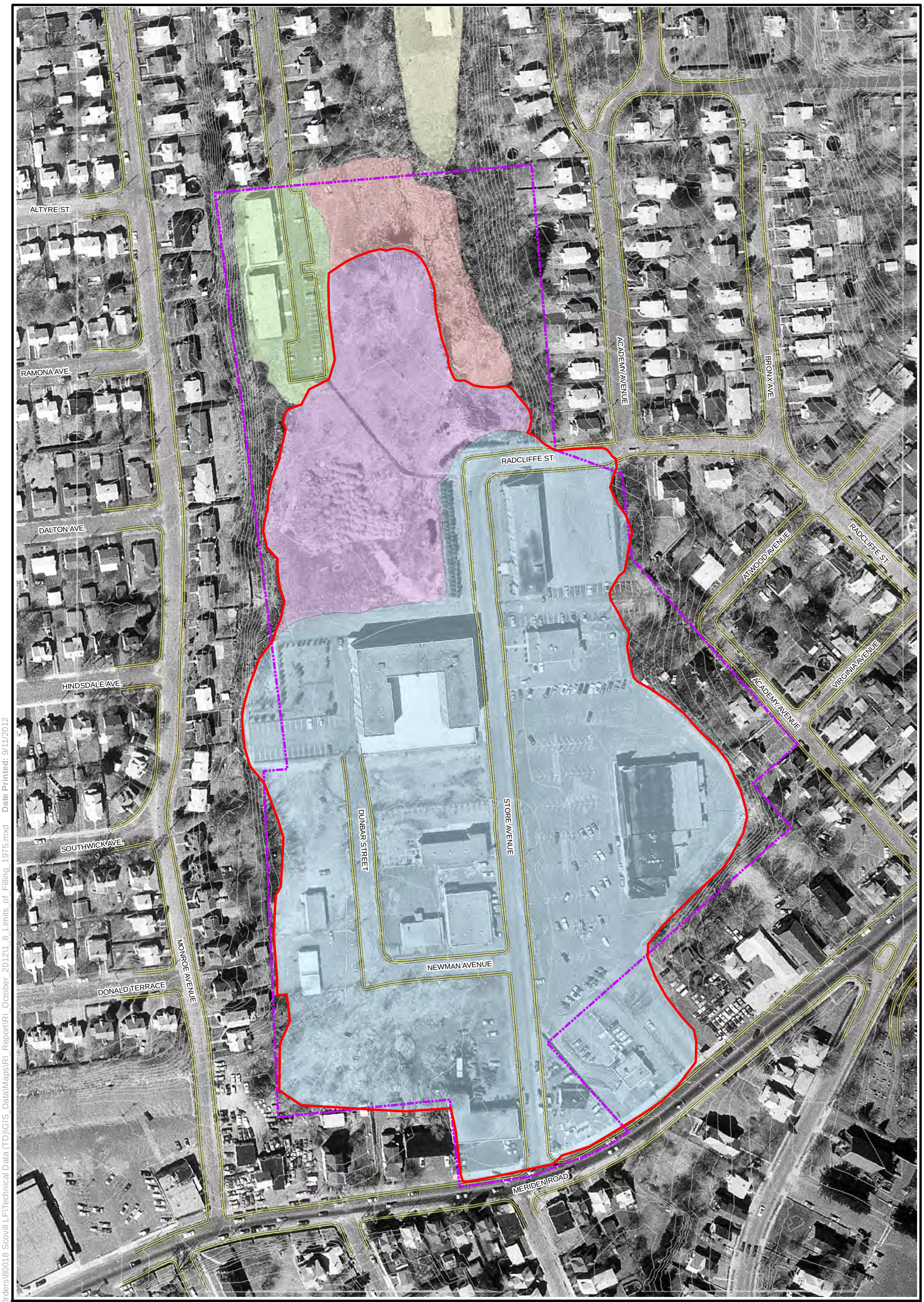

N

Drawn By: JH	Checked By: BA
October 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Estimated Limit of Scovill Derived/Placed Fill
- Original Scovill Property Limits
- Modern Roads
- Modern Ground Surface Contour
- Filling Associated with Newbury Construction
- Limit of Scovill Derived/Placed Fill as of 1970
- Likely filling for construction of the Meriden
- Aerial Evidence Attributed to Calabrese Clearing
- Aerial Evidence of Calabrese Filling and Spreading

FIGURE 1-8
Limits of Historical Filling and Grading Activities - 1975
Scovill Industrial Landfill
Waterbury, CT

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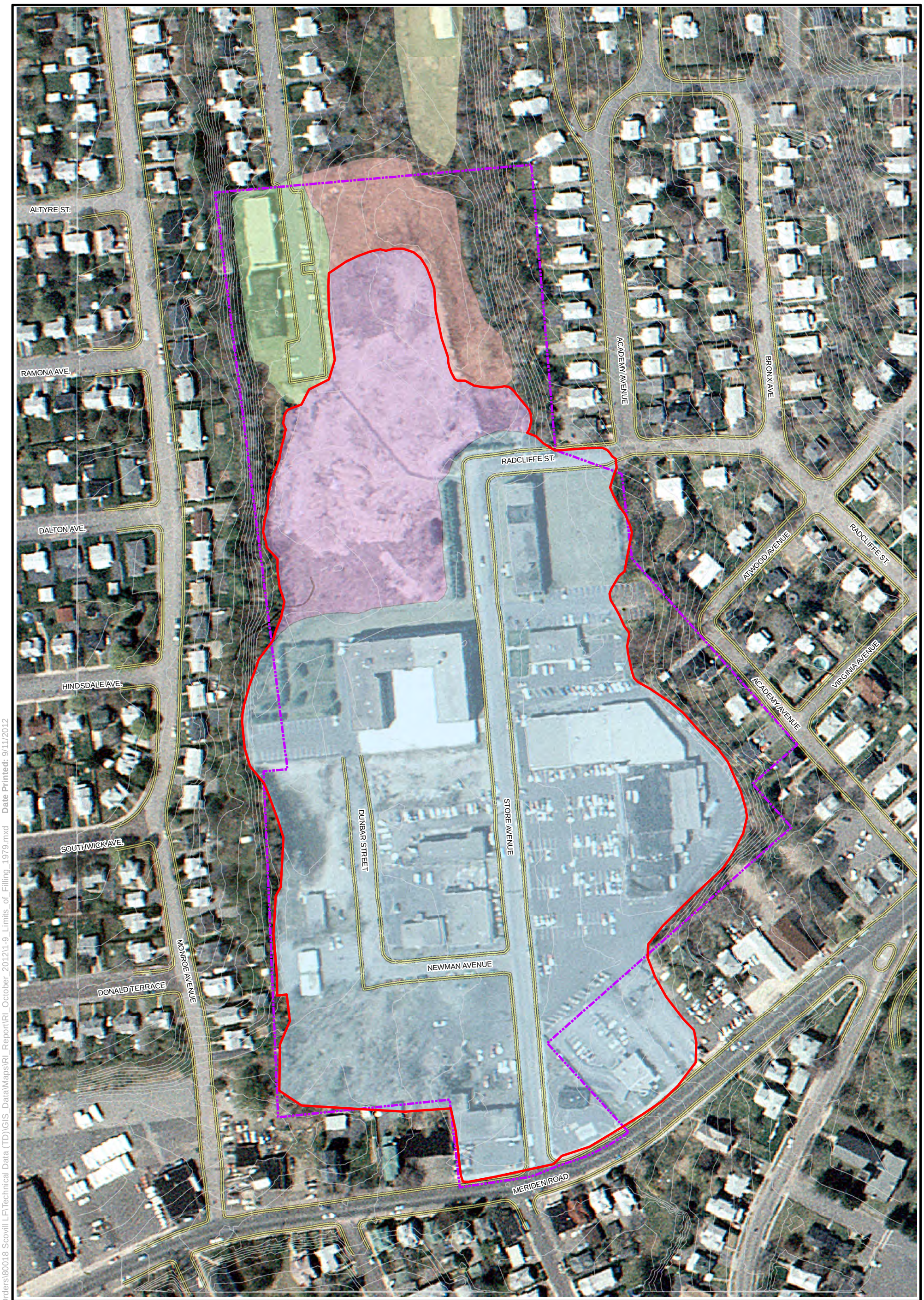

N

Drawn By: JH	Checked By: BA
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APPROXIMATE SCALE
0 75 150 300 Feet

- Estimated Limit of Scovill Derived/Placed Fill
- Original Scovill Property Limits
- Modern Roads
- Modern Ground Surface Contour
- Filling Associated with Newbury Construction
- Limit of Scovill Derived/Placed Fill as of 1970
- Likely filling for construction of the Meriden
- Aerial Evidence Attributed to Calabrese Clearing
- Aerial Evidence of Calabrese Filling and Spreading

FIGURE 1-9
Limits of Historical Filling and Grading Activities - 1979
Scovill Industrial Landfill
Waterbury, CT

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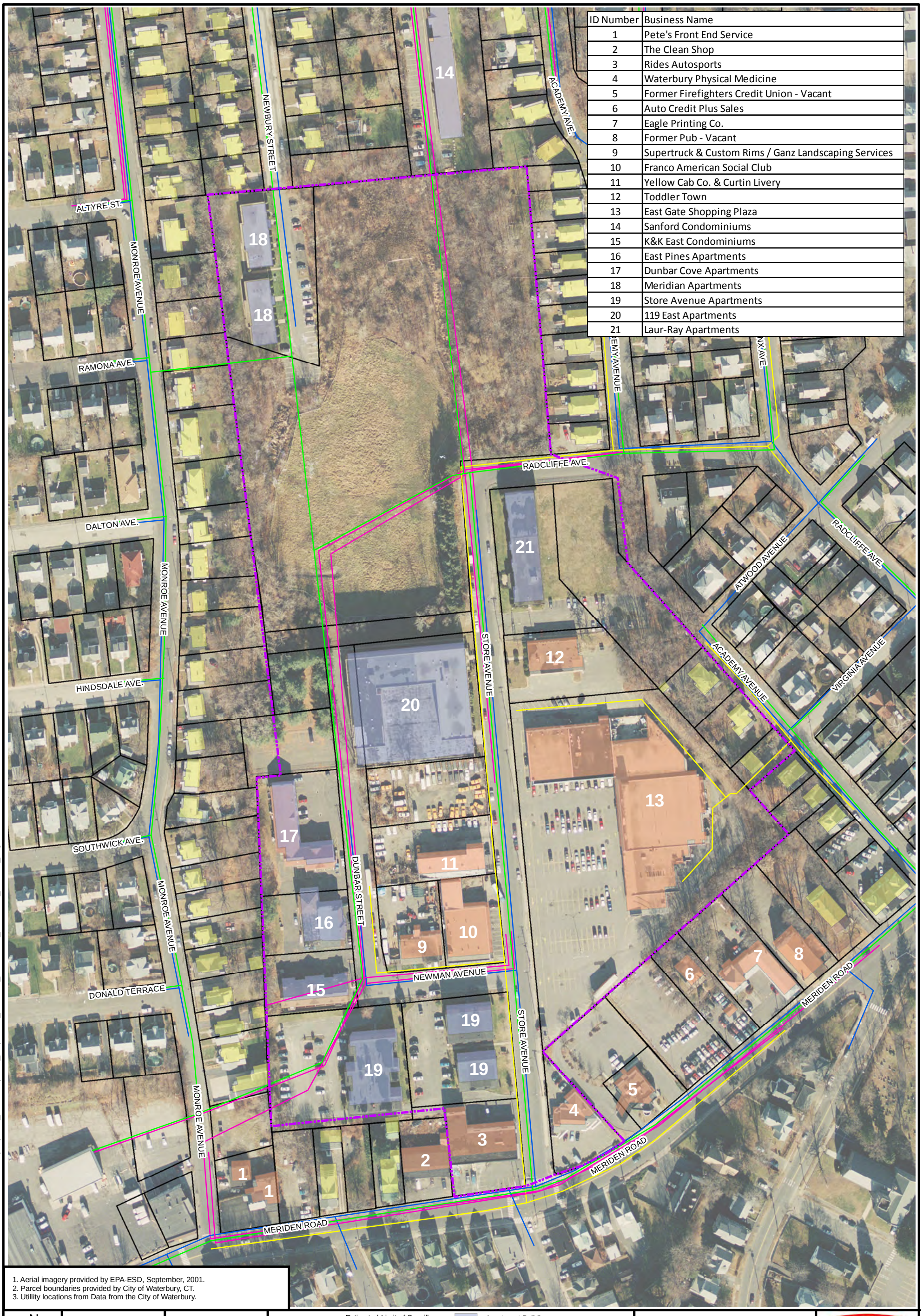

ID Number	Business Name
1	Pete's Front End Service
2	The Clean Shop
3	Rides Autosports
4	Waterbury Physical Medicine
5	Former Firefighters Credit Union - Vacant
6	Auto Credit Plus Sales
7	Eagle Printing Co.
8	Former Pub - Vacant
9	Supertruck & Custom Rims / Ganz Landscaping Services
10	Franco American Social Club
11	Yellow Cab Co. & Curtin Livery
12	Toddler Town
13	East Gate Shopping Plaza
14	Sanford Condominiums
15	K&K East Condominiums
16	East Pines Apartments
17	Dunbar Cove Apartments
18	Meridian Apartments
19	Store Avenue Apartments
20	119 East Apartments
21	Laur-Ray Apartments

1. Aerial imagery provided by EPA-ESD, September, 2001.
2. Parcel boundaries provided by City of Waterbury, CT.
3. Utillity locations from Data from the City of Waterbury.

N

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APPROXIMATE SCALE
0 75 150 300 Feet

- Estimated Limit of Scovill Derived/Placed Fill
- Original Scovill Property Limits
- Gas Lines
- Water Lines
- Sewer Lines
- Storm Drain Lines
- Apartment Buildings
- Businesses
- Private Residential Buildings
- Assessor's Parcel Boundaries

FIGURE 1-10

On-Site and Adjacent Businesses and Utilities
Scovill Industrial Landfill
Waterbury, CT

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Path: R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\GIS_Data\Maps\RI_Report\RI_October_2012\1-10_Business_Utilities_Layout.mxd Date Printed: 9/25/2012

1. Aerial imagery provided by EPA-ESD, September, 2001.
2. Parcel boundaries provided by City of Waterbury, CT.

N

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APPROXIMATE SCALE
0 75 150 300 Feet

- Estimated Limit of Scovill Derived/Placed Fill
- Original Scovill Property Limits
- Risk Area Boundaries
- Site Fence
- Roads
- Ground Surface Contour
- Assessor's Parcel Boundaries
- Aerial Evidence Attributed to Calabrese Clearing
- Aerial Evidence of Calabrese Filling and Spreading
- Aerial Evidence of Scovill Derived/Placed Fill
- Filling Associated with Sanford Condominium Construction
- Likely filling for construction of the Meriden Apartments Construction

FIGURE 1-11

Waste Filling Summary
Scovill Industrial Landfill
Waterbury, CT

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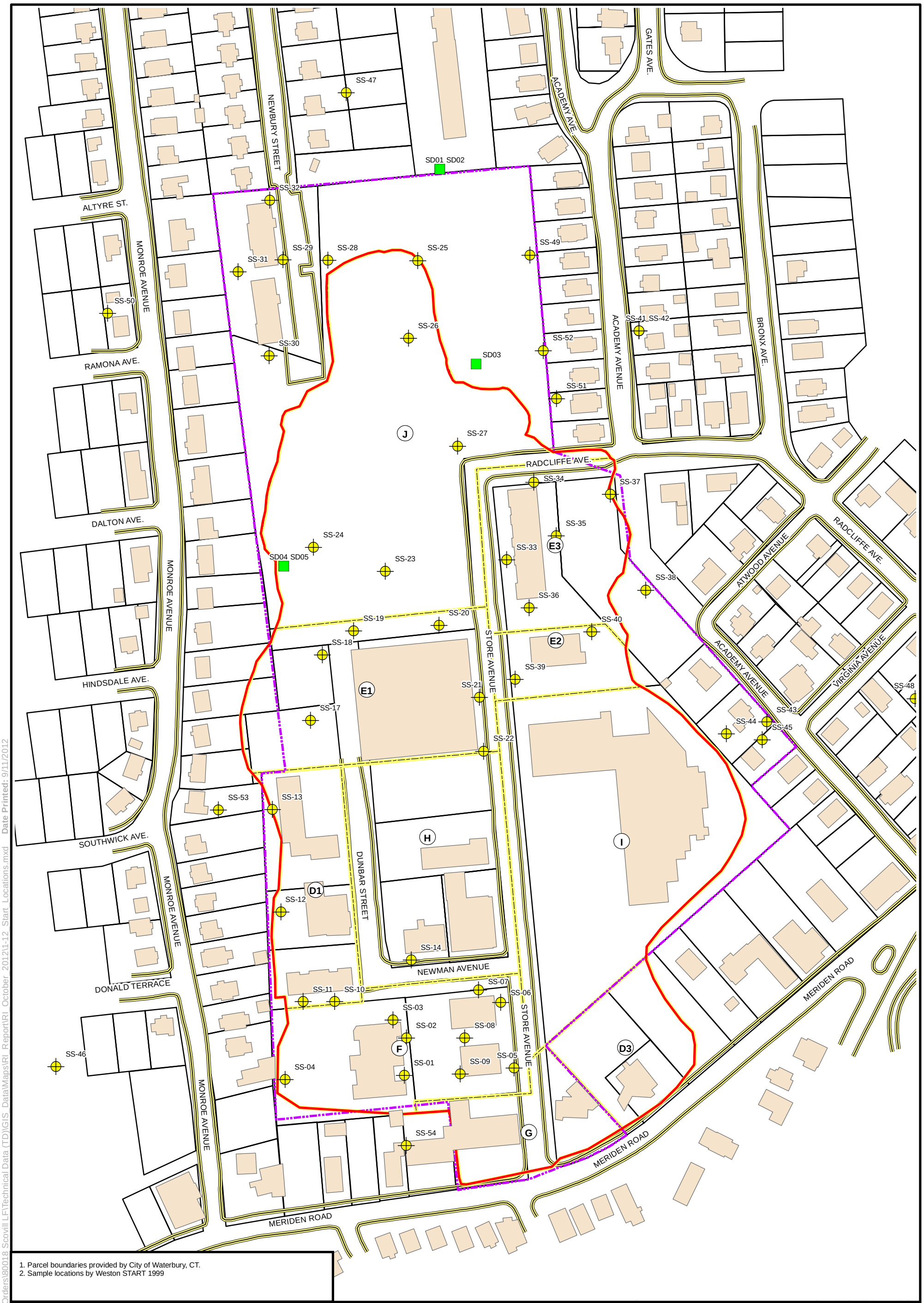

1. Parcel boundaries provided by City of Waterbury, CT.
2. Sample locations by Weston START 1999

N

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APPROXIMATE SCALE
0 75 150 300 Feet

Estimated Limit of Scovill Derived/Placed Fill
Original Scovill Property Limits
Risk Area Limits
Modern Roads
Surface Soil Sample Locations
Sediment Sample Locations
Assessor's Parcel Boundaries

FIGURE 1-12
Sample Locations
Collected by Weston (START)
Scovill Industrial Landfill
Waterbury, CT

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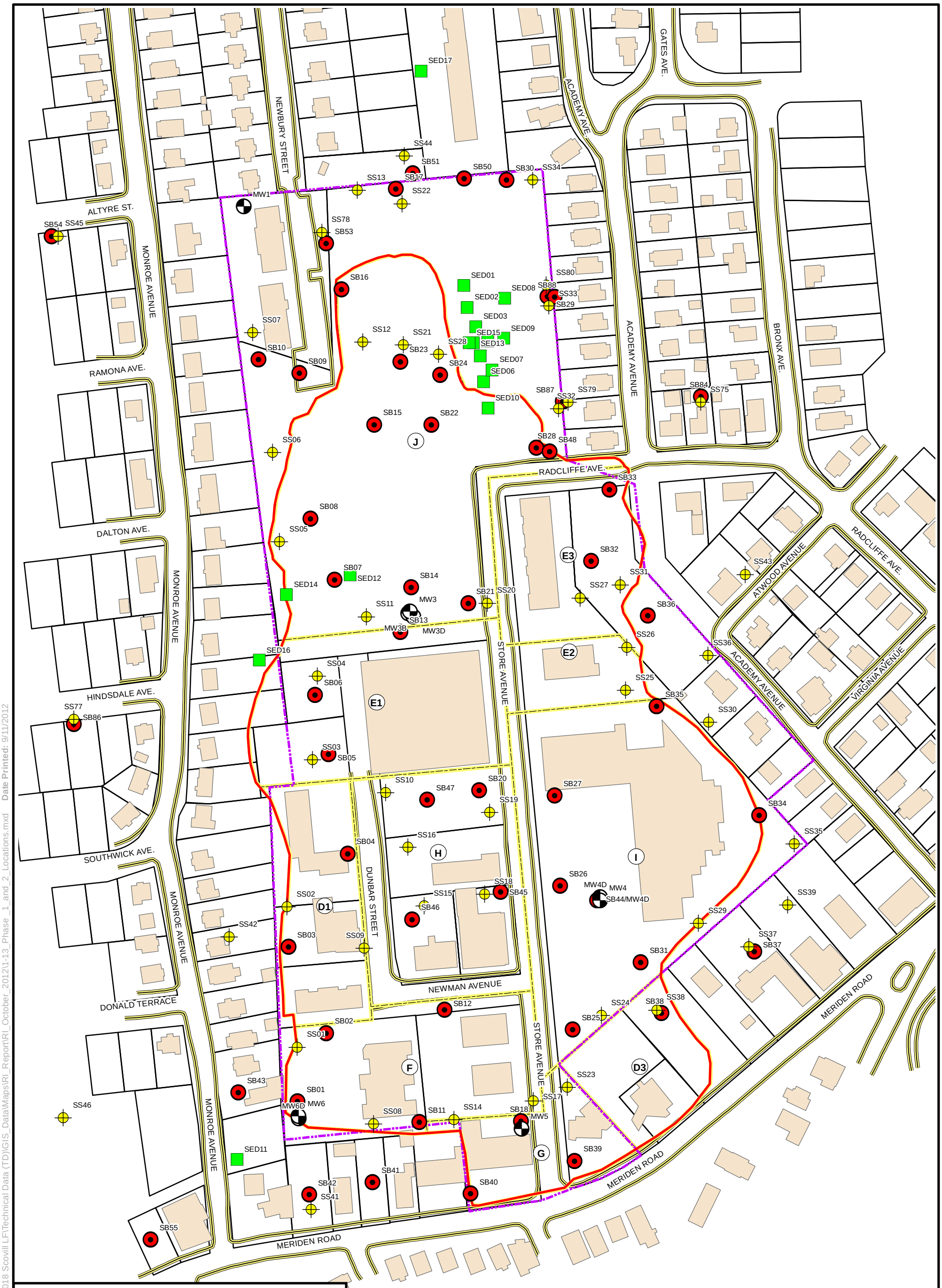

1. Parcel boundaries provided by City of Waterbury, CT.
2. Sample locations by Foster Wheeler under task by M&E 2002 and CRA 2004.

N

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APPROXIMATE SCALE
0 75 150 300 Feet

- Roads
- Lots
- Risk Area Limits
- Estimated Limit of Scovill Derived/Placed Fill
- Original Scovill Property Limits
- Surface Soil Sample Location
- Monitoring Well Sample Location
- Soil Boring Sample Location
- Sediment Sample Locations

FIGURE 1-13

Phase I/II Sample Locations
Scovill Industrial Landfill
Waterbury, CT

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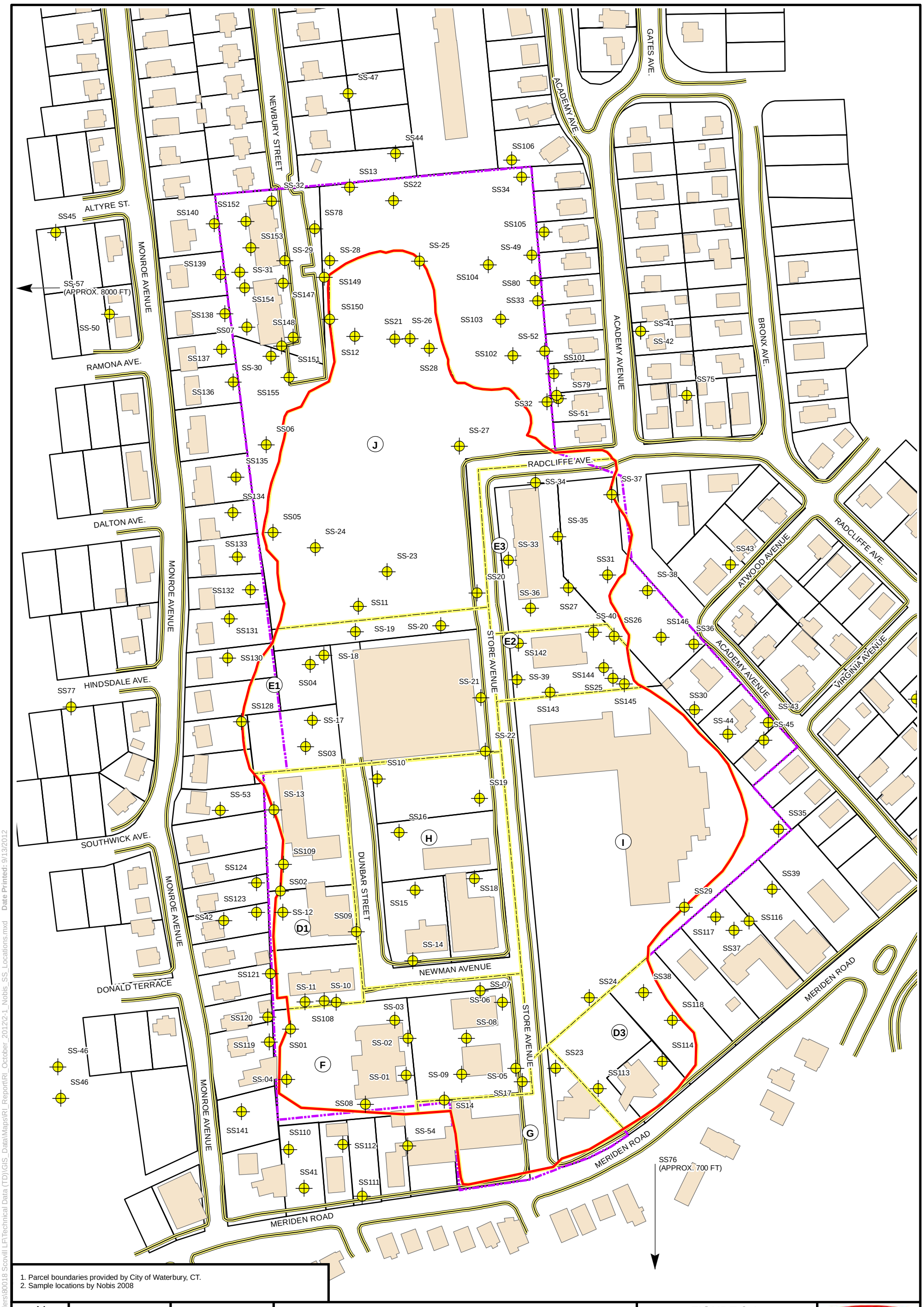

1. Parcel boundaries provided by City of Waterbury, CT.
2. Sample locations by Nobis 2008

N

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APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Assessor's Parcel Boundaries
Original Scovill Property Limits
Risk Area Limits
Estimated Limit of Scovill Derived/Placed Fill
Surface Soil Sample Location

FIGURE 2-1

Nobis RI/FS Surface Soil Sample Locations
Scovill Industrial Landfill
Waterbury, CT

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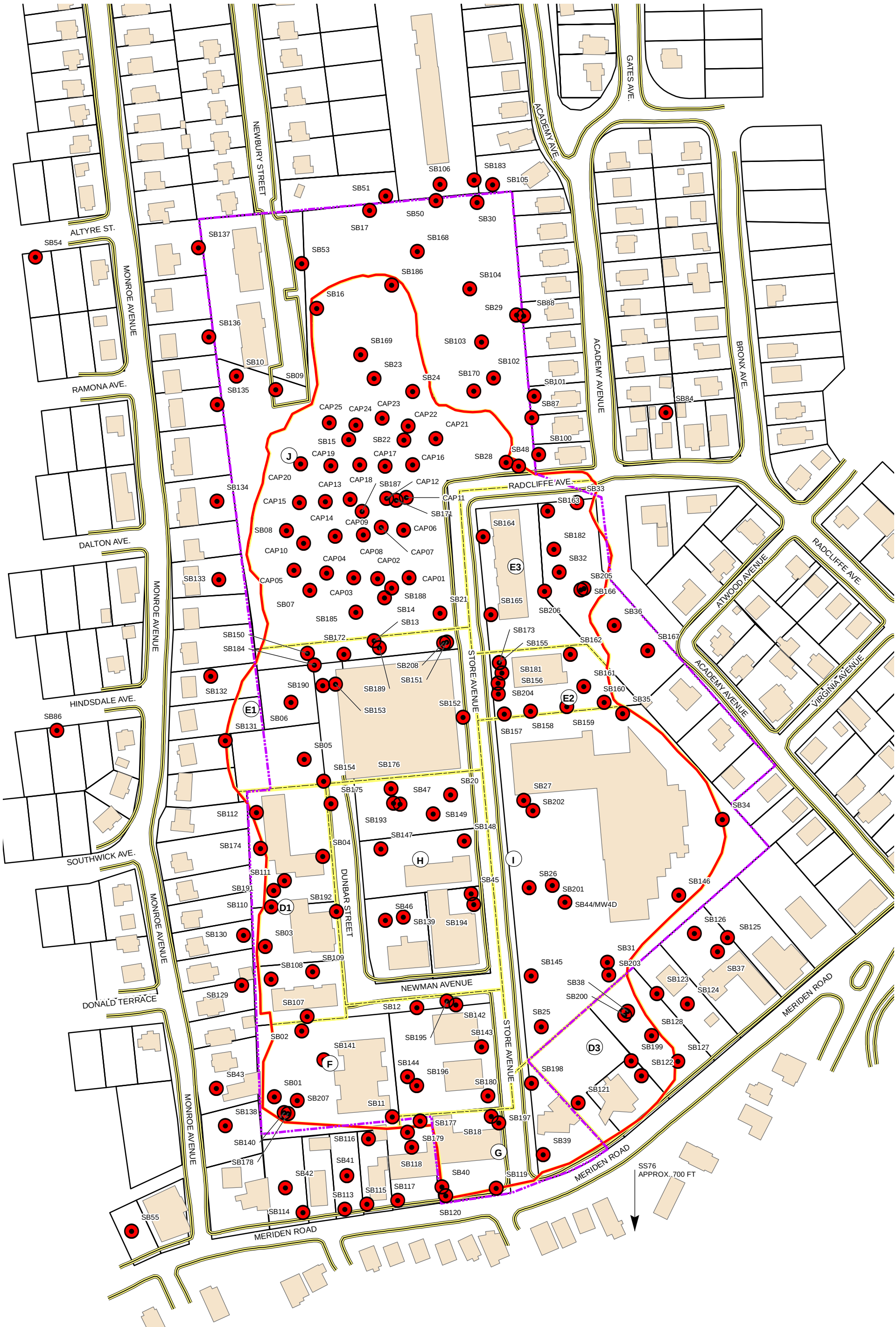

1. Parcel boundaries provided by City of Waterbury, CT.
2. Sample locations by Nobis 2008

N

Drawn By: JH	Checked By: BA
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APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Assessor's Parcel Boundaries
Risk Area Limits
Original Scovill Property Limits
Estimated Limit of Scovill Derived/Placed Fill
Soil Boring Sample Locations

FIGURE 2-2

Nobis RI/FS Soil Boring Sample Locations
Scovill Industrial Landfill
Waterbury, CT

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1. Parcel boundaries provided by City of Waterbury, CT.
2. Sample locations by Nobis 2008

N

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October 2012	Revision No. 01

APPROXIMATE SCALE
0 75 150 300 Feet

- Modern Roads
- Assessor's Parcel Boundaries
- Risk Area Limits
- Original Scovill Property Limits
- Estimated Limit of Scovill Derived/Placed Fill
- Monitoring Well Installed by Nobis (Groundwater Sample Location)
- Monitoring Well Installed by Others (Groundwater Sample Location)

FIGURE 2-3

Nobis RI/FS Monitoring Well Sample Locations
Scovill Industrial Landfill
Waterbury, CT

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Notes:

1. Aerial imagery provided by EPA-ESD, September, 2001.
2. Utility locations provided by the City of Waterbury.

N

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APPROXIMATE SCALE
0 200 400 600 800 Feet

Estimated Limit of Scovill Derived/Placed Fill
Underground Route of Carrington Brook/Storm Drain
Estimated Route of Carrington Brook/Storm Drain

FIGURE 3-1

Site Hydrology
Scovill Industrial Landfill
Waterbury, CT

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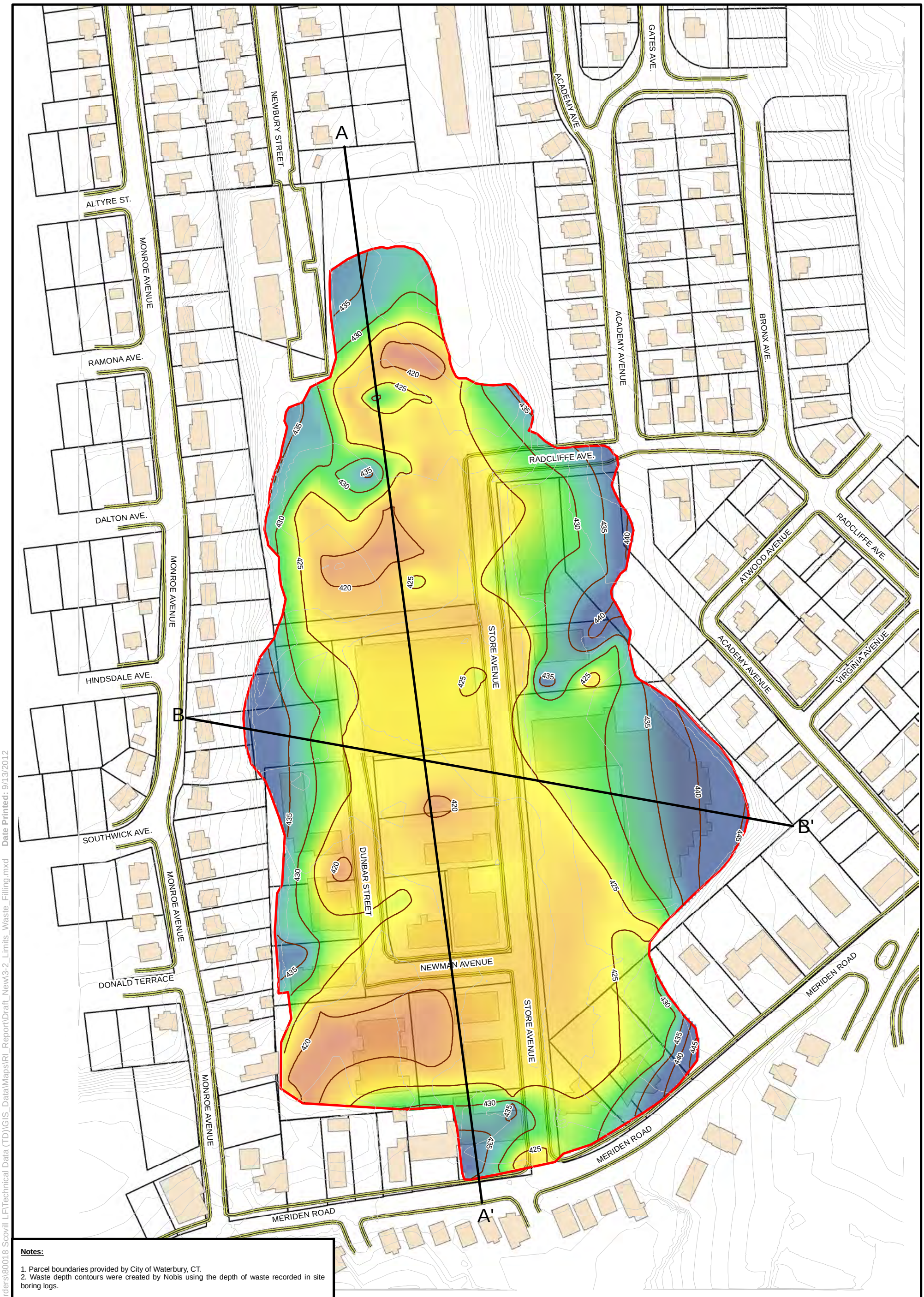

Notes:

1. Parcel boundaries provided by City of Waterbury, CT.
2. Waste depth contours were created by Nobis using the depth of waste recorded in site boring logs.

N

Drawn By: JH	Checked By: BA
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APPROXIMATE SCALE
0 75 150 300 Feet

- Modern Roads
- Estimated Limit of Scovill Derived/Placed Fill
- Assessor's Parcel Boundaries
- Modern Ground Surface Contour
- Waste Depth Contour

Bottom of Waste Elevation
447 ft MSL
416 ft MSL

FIGURE 3-2
Depth of Waste and Surface Extent of Filling Activities
Scovill Industrial Landfill
Waterbury, CT

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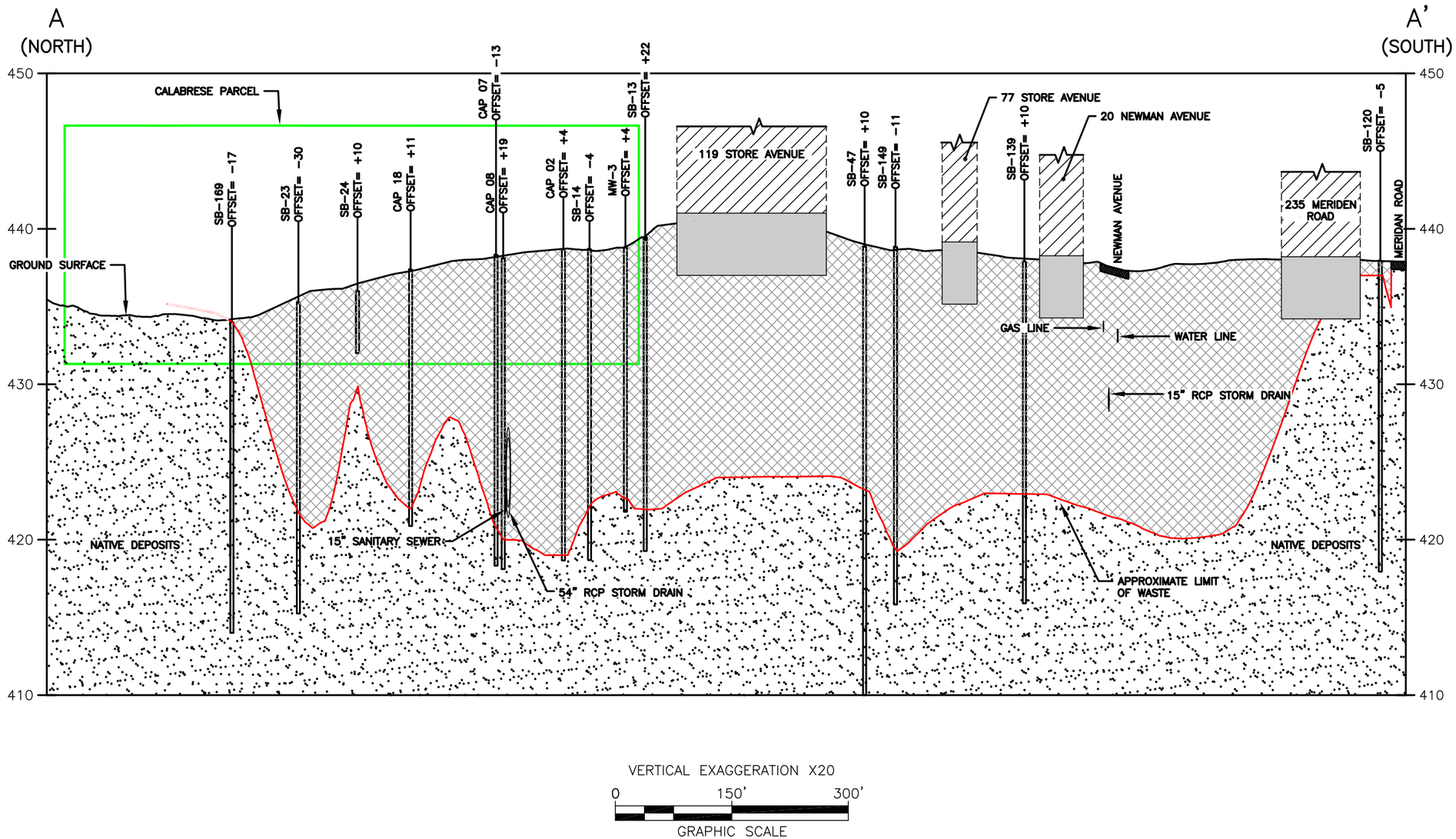

VERTICAL EXAGGERATION X20

0 150' 300'

GRAPHIC SCALE

NOTES:

1. LOCATIONS AND SITE FEATURES, UTILITY LOCATIONS AND DEPTHS DEPICTED HEREON ARE APPROXIMATE AND GIVEN FOR ILLUSTRATIVE PURPOSES ONLY.

2. POSITIVE (+) OFFSETS ARE IN WEST DIRECTION. NEGATIVE (−) OFFSETS ARE IN EAST DIRECTION.

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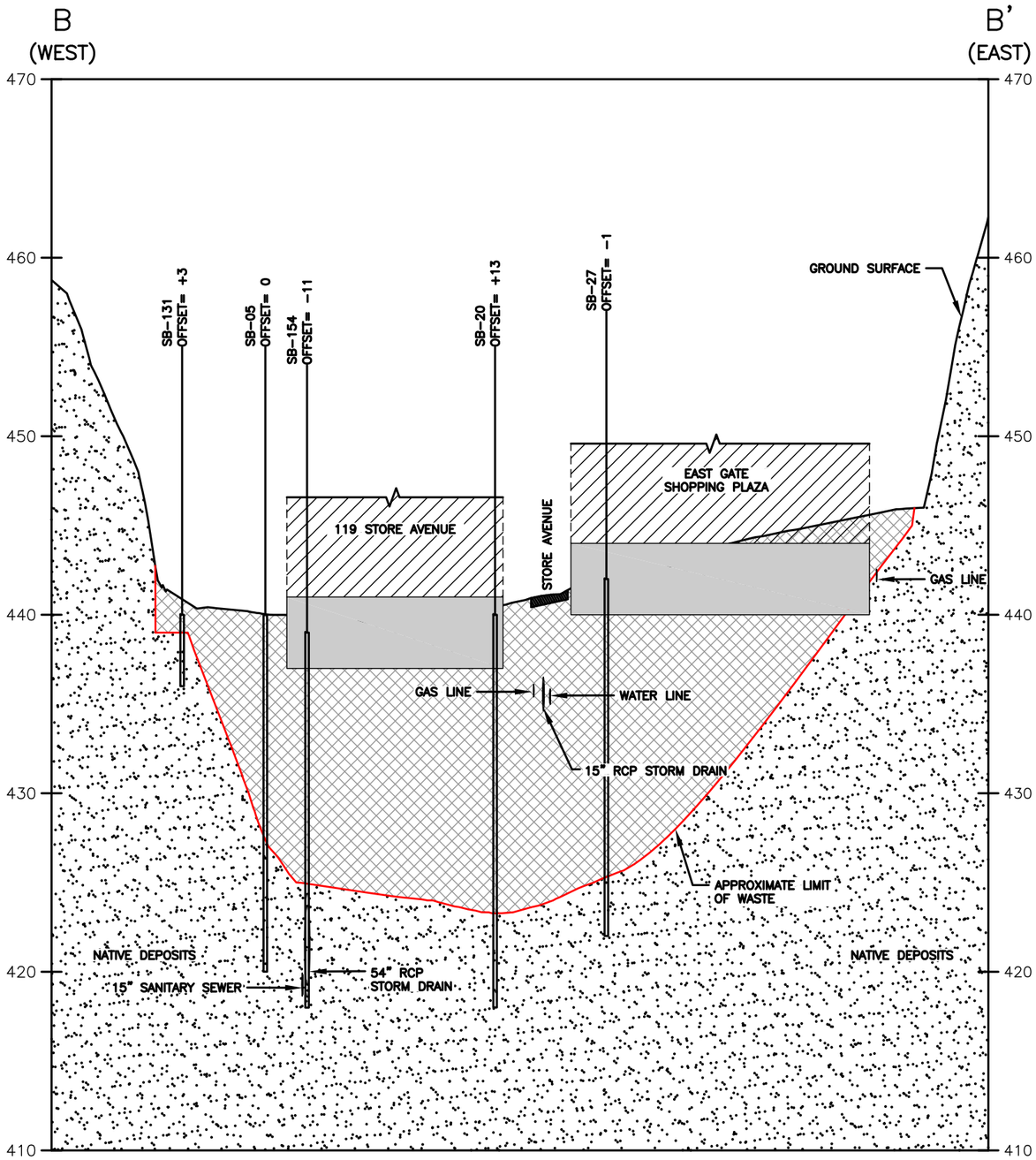
FIGURE 3-3

SECTION A-A'
SCOVILL INDUSTRIAL LANDFILL
SUPERFUND SITE
WATERBURY, CONNECTICUT

DRAWN BY:	ML	APPROVED BY:	DM
PROJECT:	80018.10		OCTOBER 2012

R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\CADD\Scovill_Project\dwg\80018-SECTION.dwg



VERTICAL EXAGGERATION X20

0 150' 300'

GRAPHIC SCALE

NOTES:

1. LOCATIONS AND SITE FEATURES, UTILITY LOCATIONS AND DEPTHS DEPICTED HEREON ARE APPROXIMATE AND GIVEN FOR ILLUSTRATIVE PURPOSES ONLY.

2. POSITIVE (+) OFFSETS ARE IN SOUTH DIRECTION. NEGATIVE (−) OFFSETS ARE IN NORTH DIRECTION.

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FIGURE 3-4

SECTION B-B'
SCOVILL INDUSTRIAL LANDFILL
SUPERFUND SITE
WATERBURY, CONNECTICUT

DRAWN BY:	ML	APPROVED BY:	DM
PROJECT:	80018.10		OCTOBER 2012

R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\CADD\Scovill_Project\dwg\80018-SECTION.dwg

1. Parcel boundaries provided by City of Waterbury, CT.
2. Sample locations by Nobis 2008

N

Drawn By: JH	Checked By: BA
October 2012	Revision No. 01

APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Assessor's Parcel Boundaries
Estimated Limit of Scovill Derived/Placed Fill
Monitoring Well Test Locations (Geometric Mean of Hydraulic Conductivity in feet per day)

FIGURE 3-5

Slug Test Results
Shallow Overburden
Scovill Industrial Landfill
Waterbury, CT

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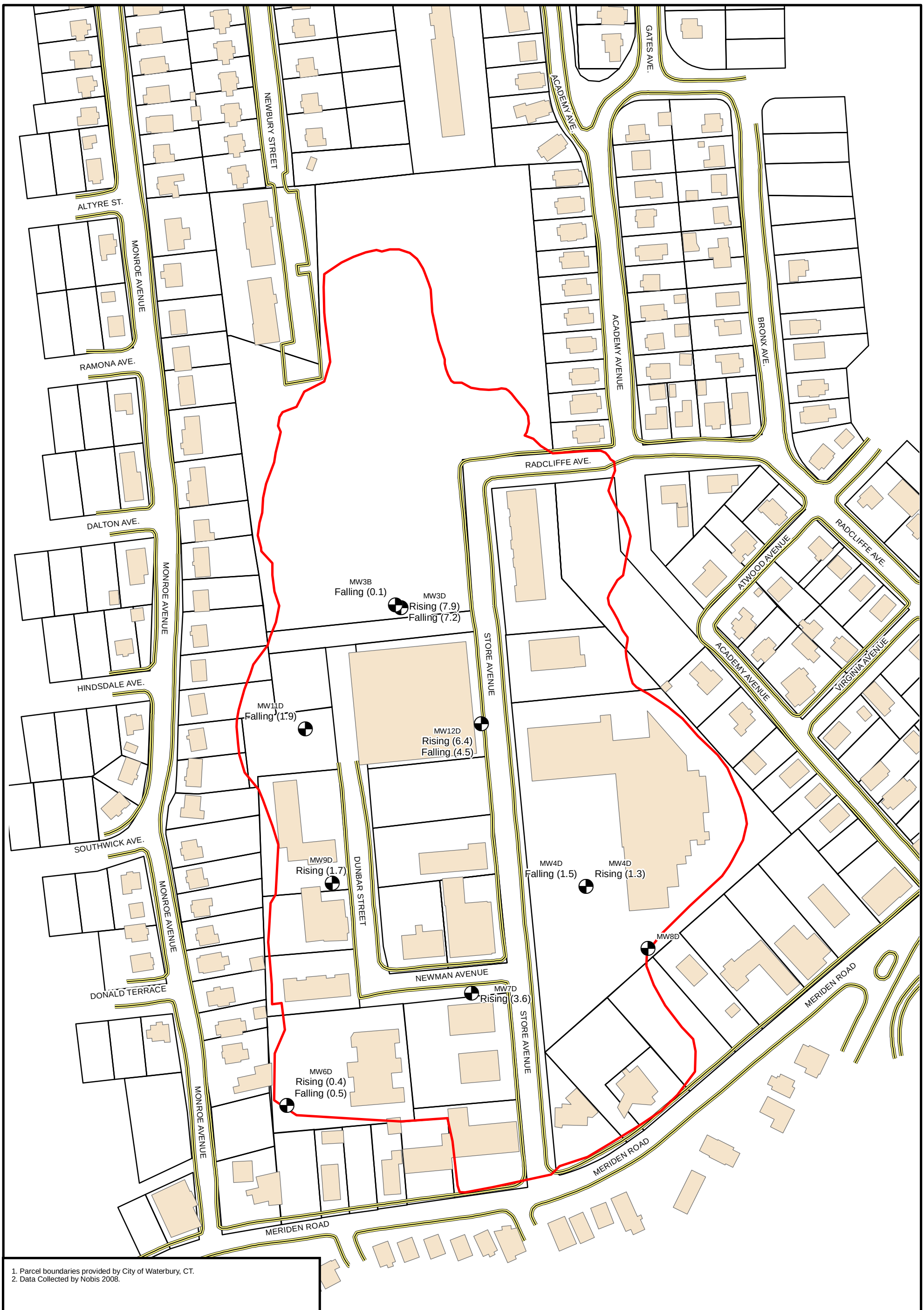

1. Parcel boundaries provided by City of Waterbury, CT.
2. Data Collected by Nobis 2008.

N

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APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Assessor's Parcel Boundaries
Estimated Limit of Scovill Derived/Placed Fill
Monitoring Well Test Locations (Geometric Mean of Hydraulic Conductivity in Feet per Day)

FIGURE 3-6

Slug Test Results
Deep Overburden
Scovill Industrial Landfill
Waterbury, CT

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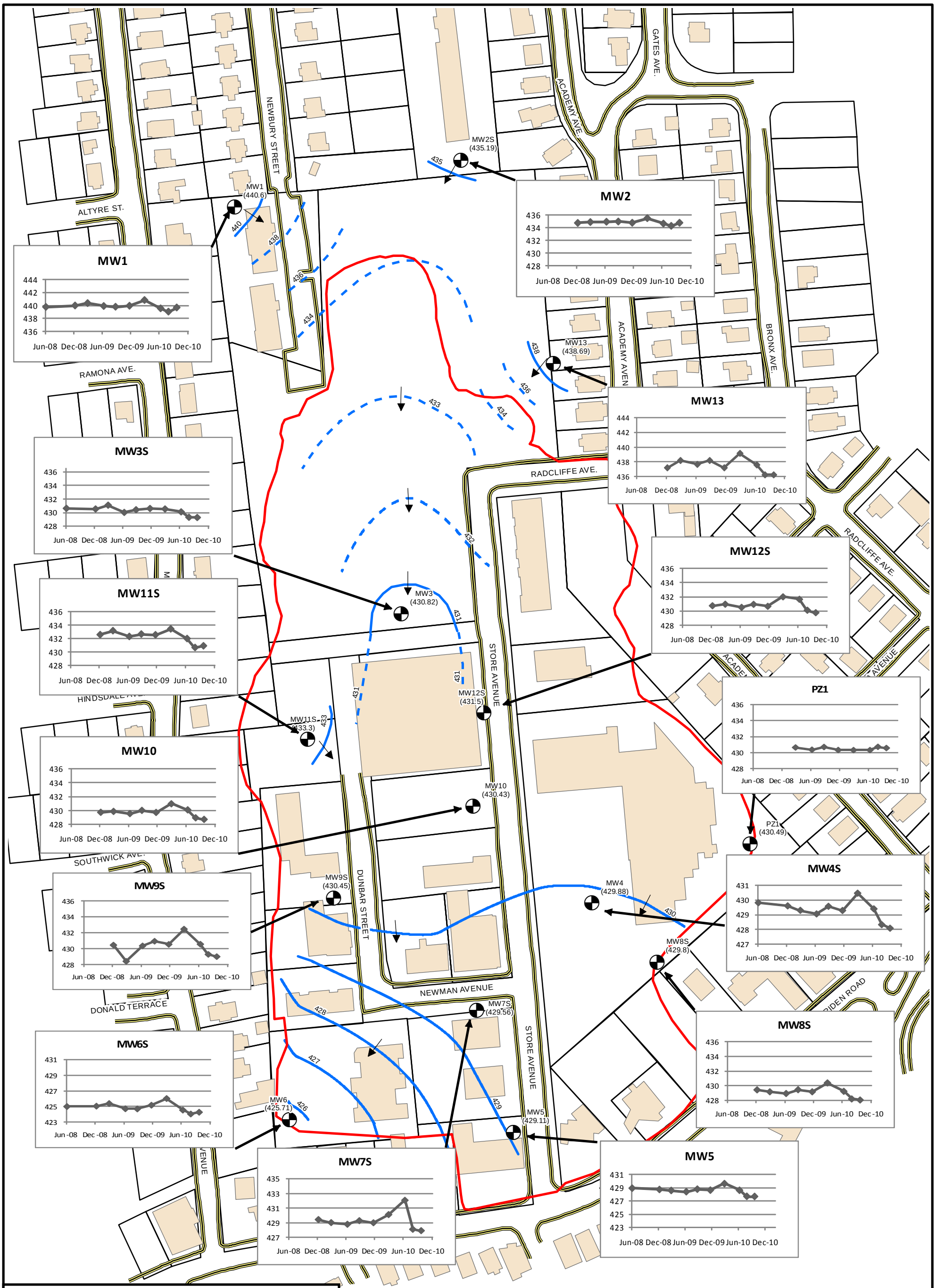

1. Parcel boundaries provided by City of Waterbury, CT.
2. Data Collected by Nobis
3. Elevation in ft MSL

N

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October 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Assessor's Parcel Boundaries
Groundwater Contours
Estimated GW Contours
Estimated Limit of Scovill Derived/Placed Fill
Monitoring Well Sample Locations (Avg. March Elevation)

FIGURE 3-7
Shallow Wells Groundwater Elevation Contours
Average of March Data
Scovill Industrial Landfill
Waterbury, CT

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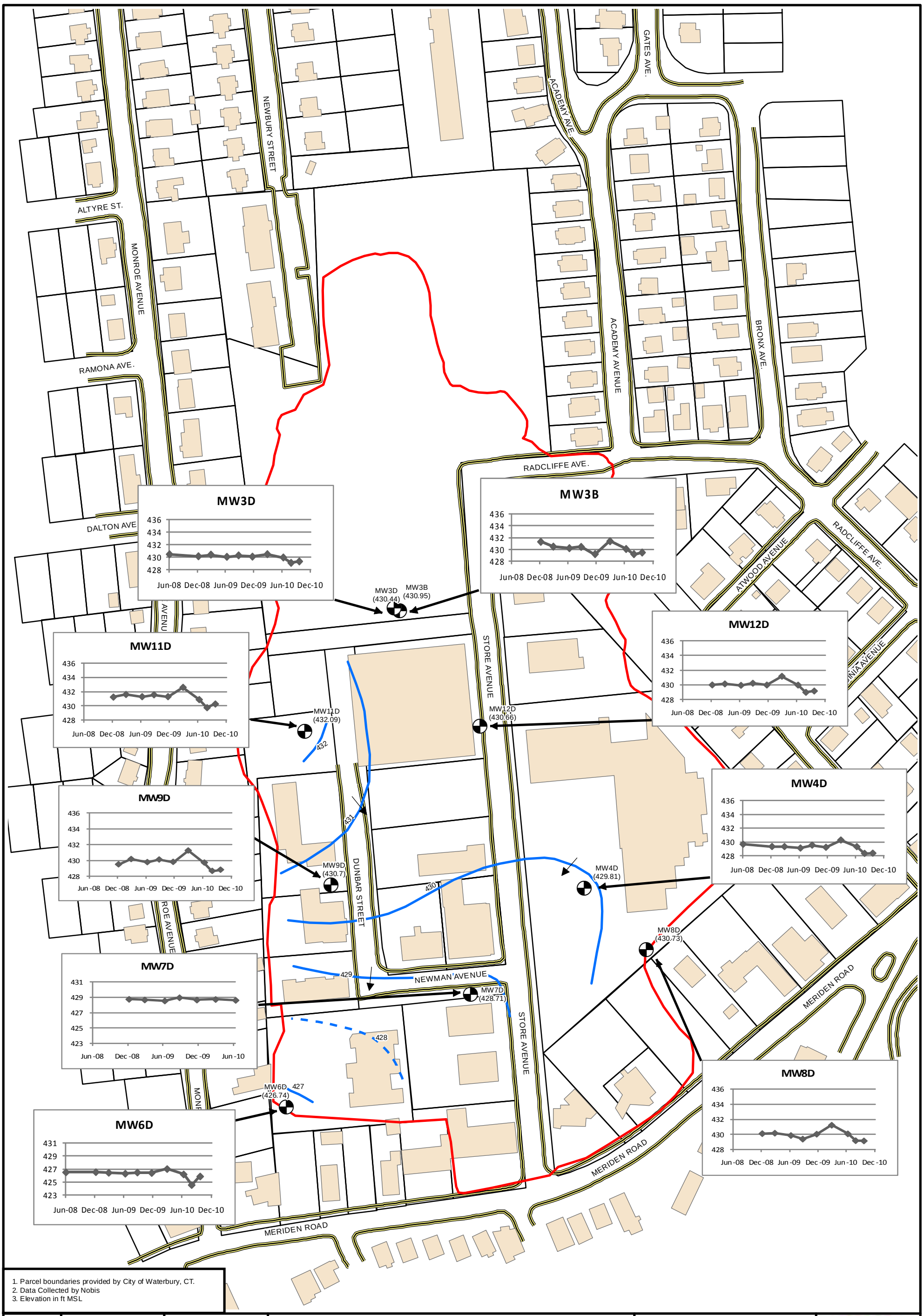

1. Parcel boundaries provided by City of Waterbury, CT.
2. Data Collected by Nobis
3. Elevation in ft MSL

N

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October 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Assessor's Parcel Boundaries
Groundwater Contours
Estimated GW Contours
Estimated Limit of Scovill Derived/Placed Fill
Monitoring Well Sample Location (Avg. March Elevation)

FIGURE 3-8
Deep Wells Groundwater Elevation Contours
Average of March Data
Scovill Industrial Landfill
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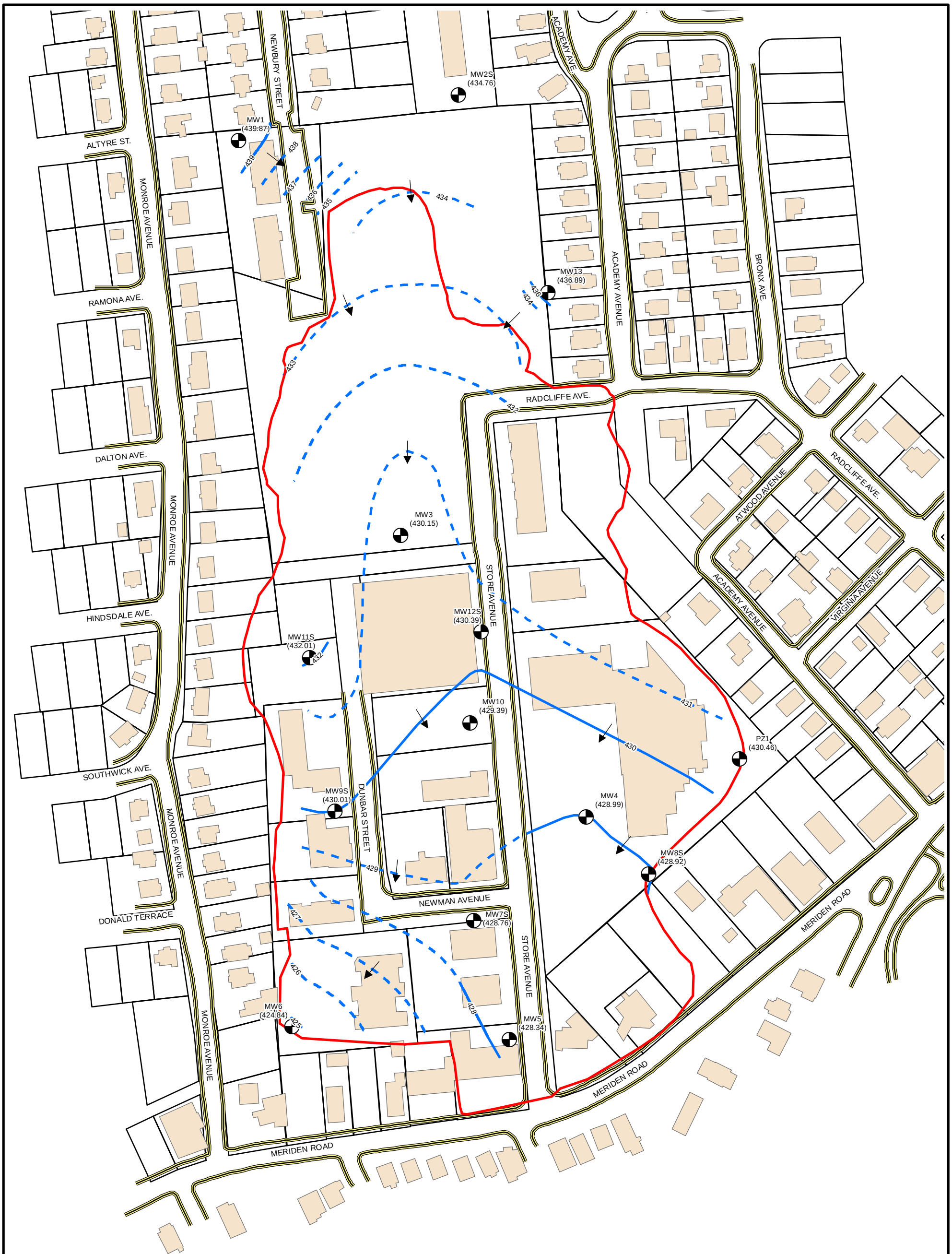

1. Parcel boundaries provided by City of Waterbury, CT.
2. Data Collected by Nobis
3. Elevation in ft MSL

N

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APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Assessor's Parcel Boundaries
Groundwater Contours
Estimated GW Contours
Estimated Limit of Scovill Derived/Placed Fill
Monitoring Well Sample Locations (Avg. Fall Elevations)

FIGURE 3-9
Shallow Wells Groundwater Elevation Contours Average of Oct/Nov/Dec Data
Scovill Industrial Landfill
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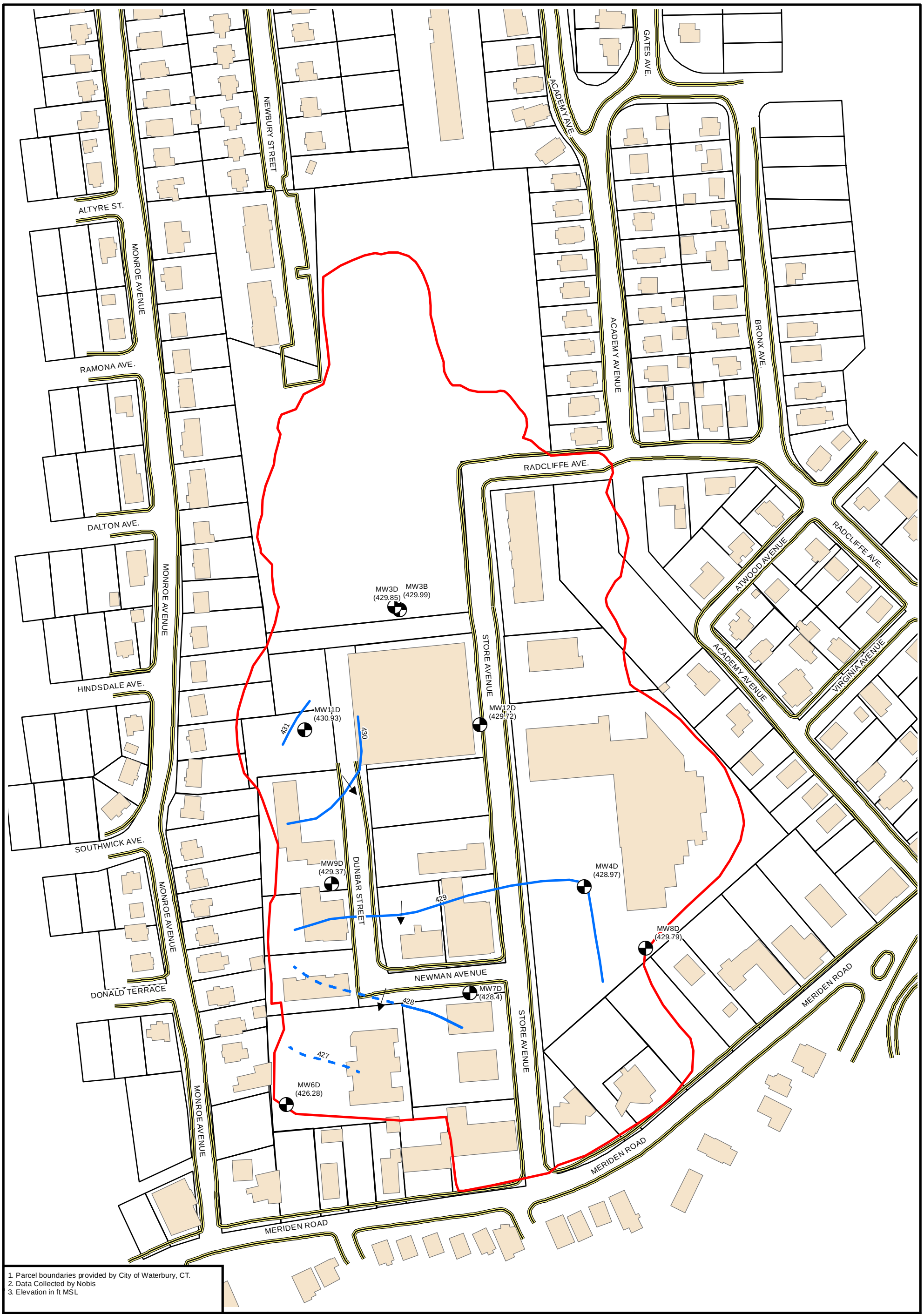

1. Parcel boundaries provided by City of Waterbury, CT.
2. Data Collected by Nobis
3. Elevation in ft MSL

N

Drawn By: JH	Checked By: BA
October 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Assessor's Parcel Boundaries
Groundwater Contours
Estimated GW Contours
Estimated Limit of Scovill Derived/Placed Fill
Monitoring Well Sample Locations (Avg. Fall Elevations)

FIGURE 3-10
Deep Wells Groundwater Elevation Contours
Average of Oct/Nov/Dec Data
Scovill Industrial Landfill
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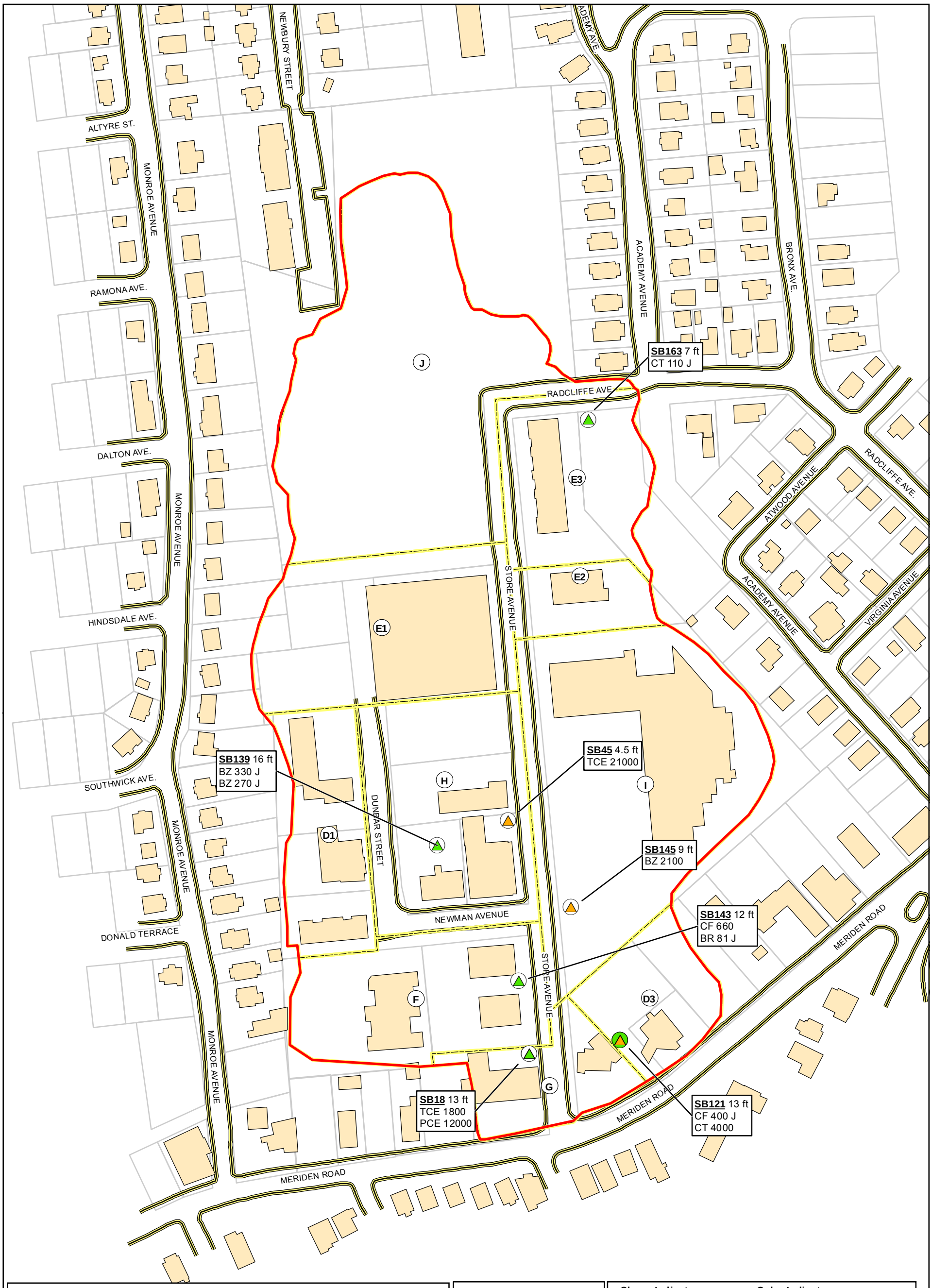

Notes:

1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels. All results are reported in µg/Kg.
2. "J" indicates that the result was estimated.
3. Substances with no detections above screening criteria are not reported.
4. Comparison action levels are derived from State of Connecticut Regulation 22a-133k-1.
5. Data collected by Weston START 1999, Foster Wheeler under task by M&E 2002, CRA (compiled by TetraTech) 2004, and Nobis 2008.
6. Parcel boundaries provided by City of Waterbury, CT.

Abbreviations:

BR - Bromodichloromethane
BZ - Benzene
CF - Chloroform
CT - Carbon Tetrachloride
PCE - Tetrachloroethene
TCE - Trichloroethene
VC - Vinyl Chloride

Shape Indicator		Color Indicator	
▲	PMC Action Level	○	≤ 1 x Action Level
●	DEC Action Level	●	> 1 - 5 x Action Level
		●	> 5 - 10 x Action Level
		●	> 10 - 50 x Action Level
		●	> 50 x Action Level

N

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APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings

FIGURE 4-1

Volatile Organic Compounds
In Soil Samples
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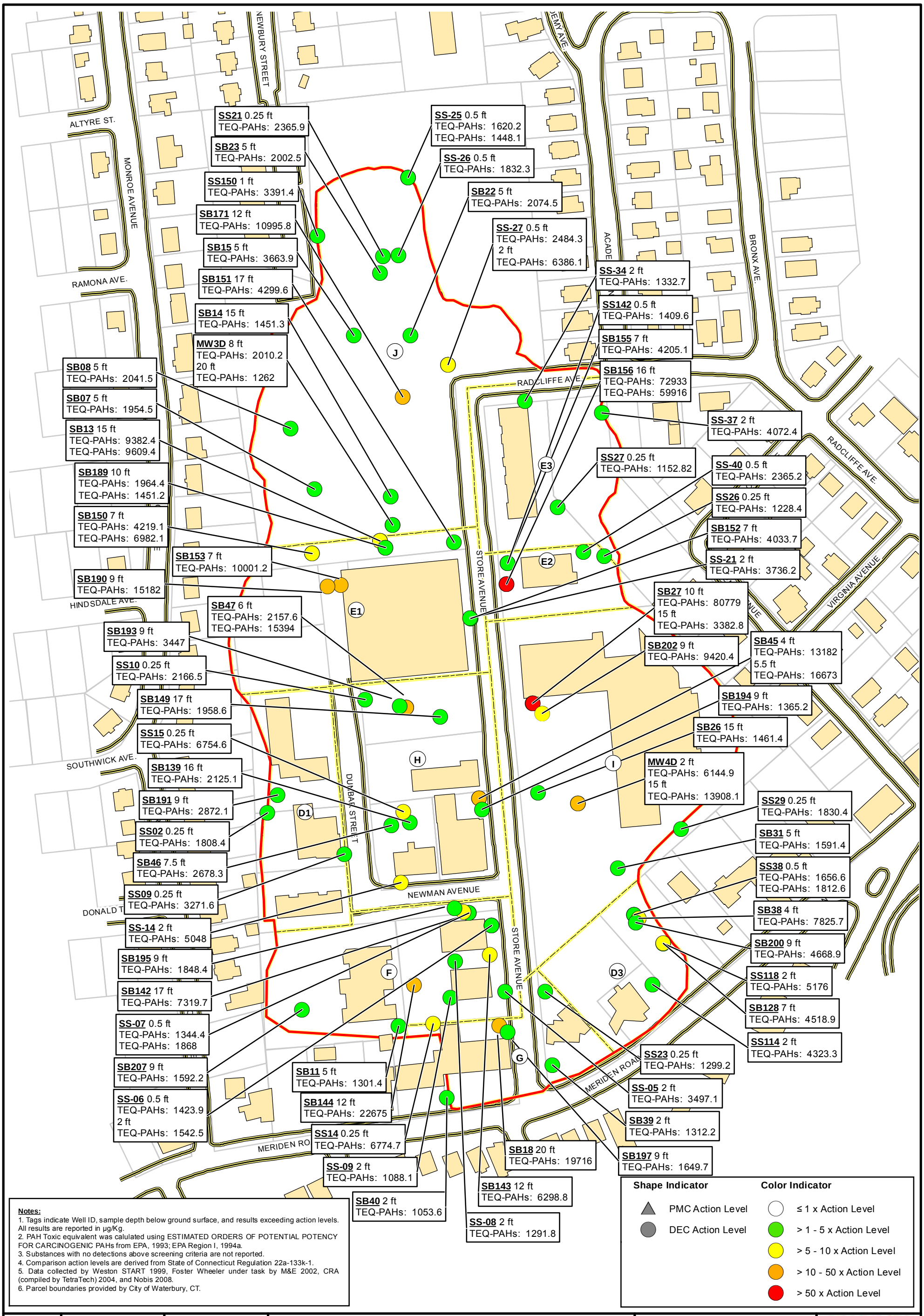

Notes:
1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels. All results are reported in µg/Kg.
2. PAH Toxic equivalent was calulated using ESTIMATED ORDERS OF POTENTIAL POTENCY FOR CARCINOGENIC PAHs from EPA, 1993; EPA Region I, 1994a.
3. Substances with no detections above screening criteria are not reported.
4. Comparison action levels are derived from State of Connecticut Regulation 22a-133k-1.
5. Data collected by Weston START 1999, Foster Wheeler under task by M&E 2002, CRA (compiled by TetraTech) 2004, and Nobis 2008.
6. Parcel boundaries provided by City of Waterbury, CT.

Shape Indicator
- PMC Action Level
- DEC Action Level

Color Indicator
- ≤ 1 x Action Level
- > 1 - 5 x Action Level
- > 5 - 10 x Action Level
- > 10 - 50 x Action Level
- > 50 x Action Level

N

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Date: March 2013 | Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Modern Roads
- Estimated Limit of Scovill Derived/Placed Fill
- Risk Area Limits
- Assessor's Parcel Boundaries
- Buildings

FIGURE 4-2
PAH Toxicity Equivalent Over Criteria In Surface and Subsurface Soil
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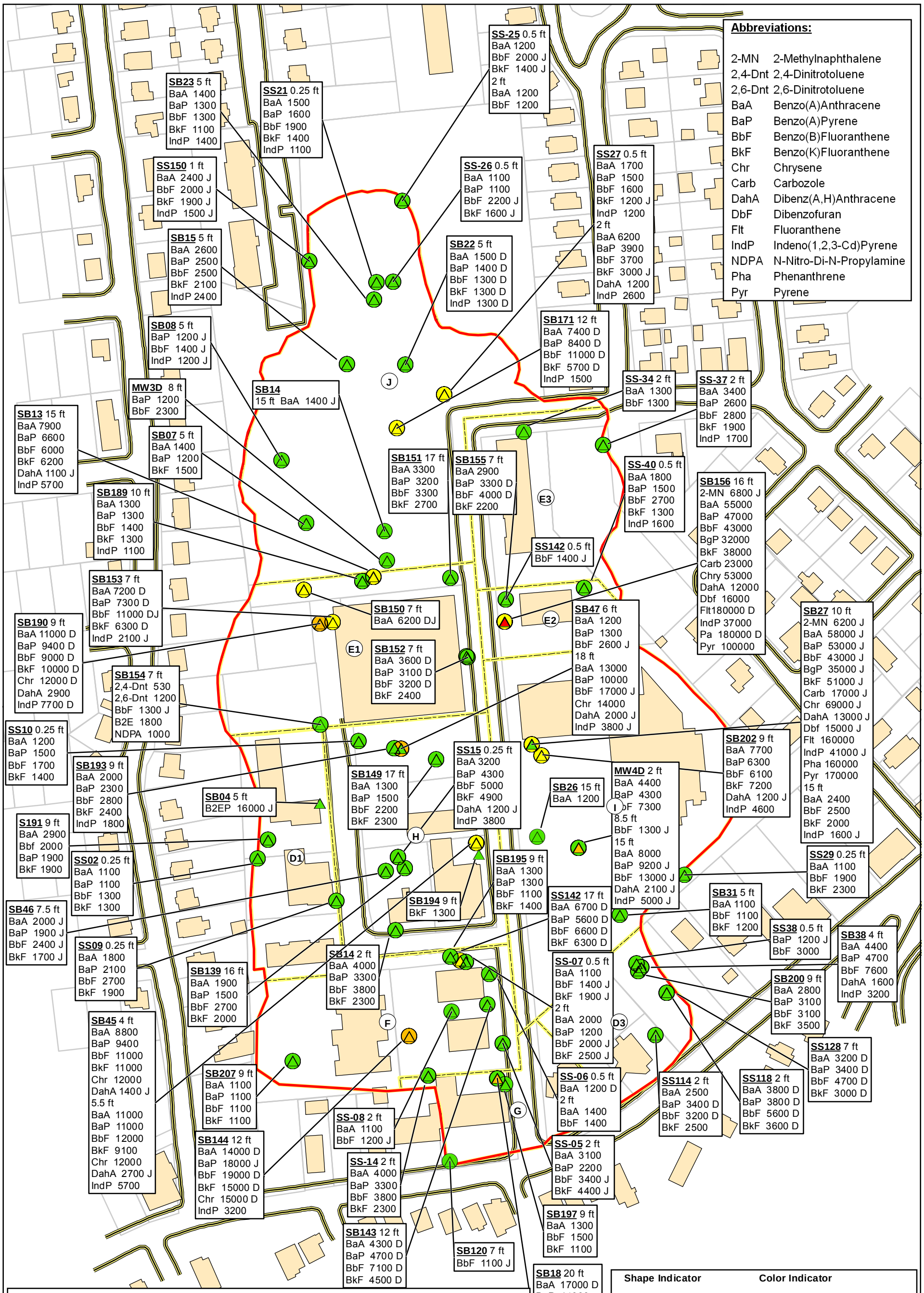

Notes:

1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels. All results are reported in µg/Kg.
2. "J" indicates that the result was estimated. "D" indicates that the result was obtained from a dilution of the sample.
3. Substances with no detections above screening criteria are not reported.
4. Comparison action levels are derived from State of Connecticut Regulation 22a-133k-1.
5. Data collected by Weston START 1999, Foster Wheeler under task by M&E 2002, CRA (compiled by TetraTech) 2004, and Nobis 2008.
6. Parcel boundaries provided by City of Waterbury, CT.

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APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings

FIGURE 4-3

SVOCs In Soil Samples
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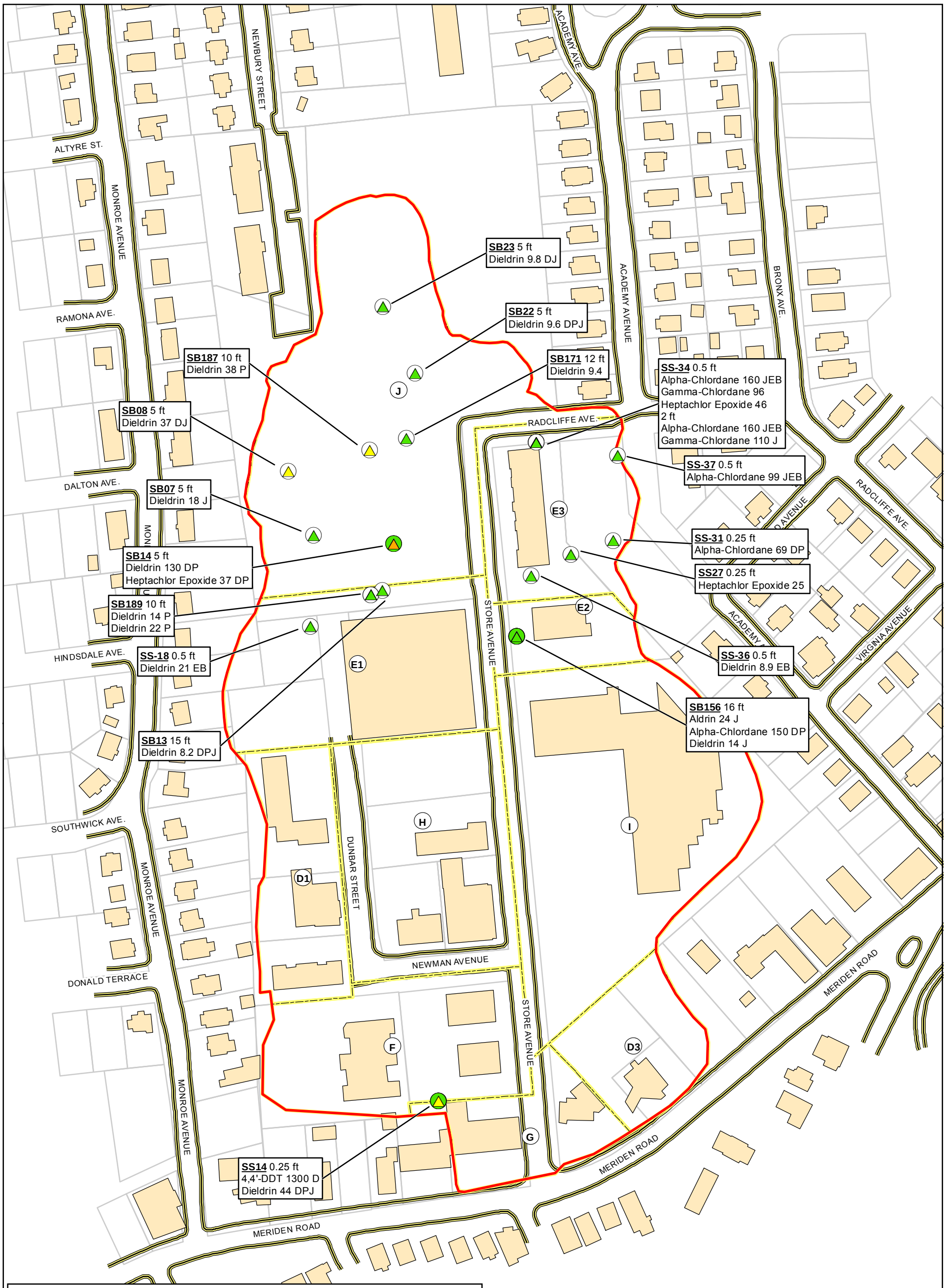

Notes:

1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels. All results are reported in µg/Kg.
2. "J" indicates that the result was estimated. "D" indicates that the result was obtained from a dilution of the sample. "EB" indicates that analyte was detected in the Equipment Blank. "P" indicates a percentage of dilution between columns.
3. Substances with no detections above screening criteria are not reported.
4. Comparison action levels are derived from State of Connecticut Regulation 22a-133k-1.
5. Data collected by Weston START 1999, Foster Wheeler under task by M&E 2002, CRA (compiled by TetraTech) 2004, and Nobis 2008.
6. Parcel boundaries provided by City of Waterbury, CT.

Shape Indicator	Color Indicator
PMC Action Level	≤ 1 x Action Level
DEC Action Level	> 1 - 5 x Action Level
	> 5 - 10 x Action Level
	> 10 - 50 x Action Level
	> 50 x Action Level

N

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APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings

FIGURE 4-4

Pesticides In Soil Samples
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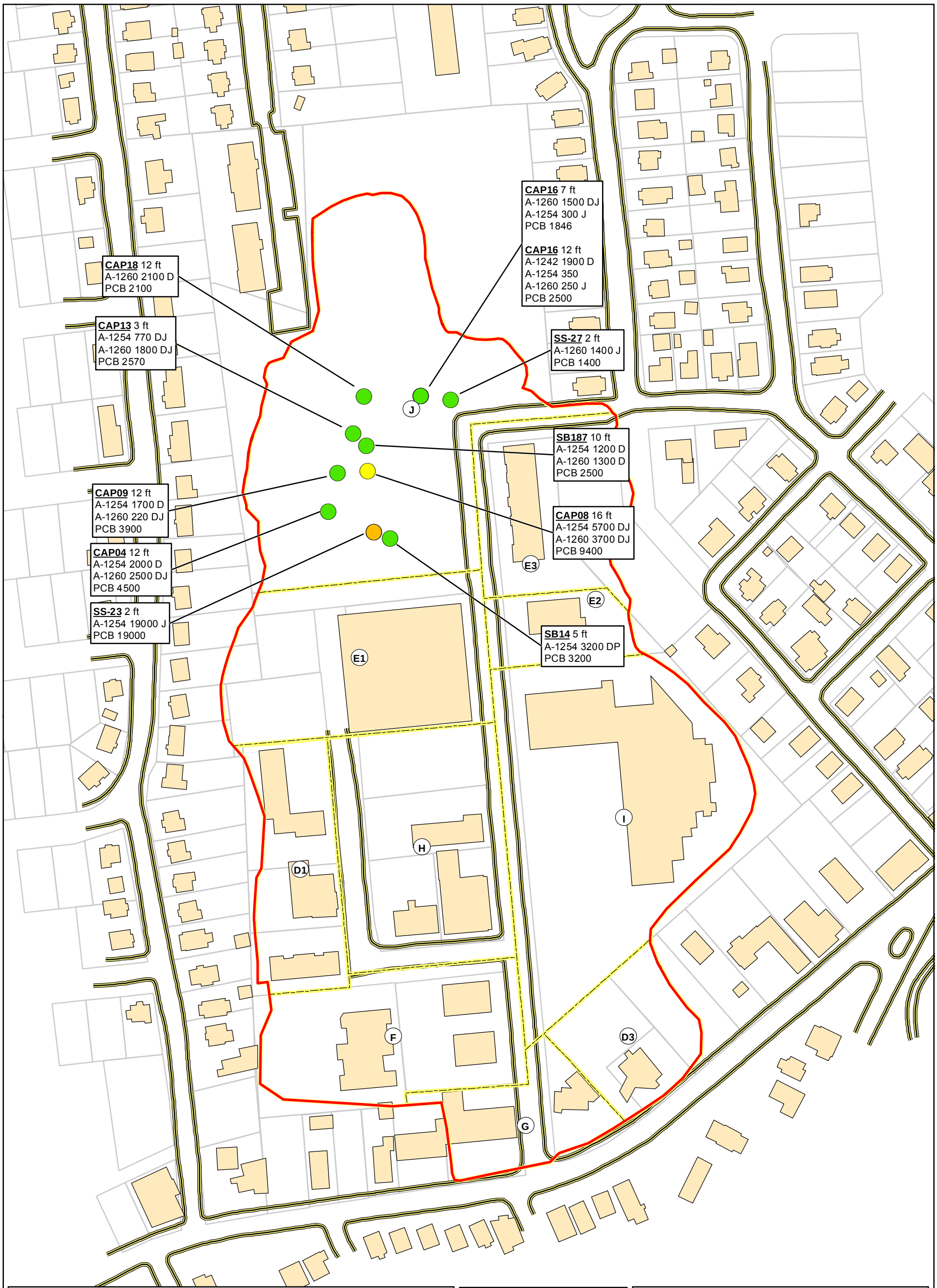

Notes:

1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels. All results are reported in µg/Kg.
2. PAH Toxic equivalent was calulated using ESTIMATED ORDERS OF POTENTIAL POTENCY FOR CARCINOGENIC PAHs from EPA, 1993; EPA Region I, 1994a.
3. "J" indicates that the result was estimated. "D" indicates that the result was obtained from a dilution of the sample. "P" indicates a percentage of dilution between columns.
4. Substances with no detections above screening criteria are not reported.
5. Comparison action levels are derived from State of Connecticut Regulation 22a-133k-1.
6. Data collected by Weston START 1999, Foster Wheeler under task by M&E 2002, CRA (compiled by TetraTech) 2004, and Nobis 2008.
7. Parcel boundaries provided by City of Waterbury, CT.

Abbreviations:

A-#### = Aroclor
PCB = Polychlorinated Biphenyls

Shape Indicator

DEC Action Level

Color Indicator

- ≤ 1 x Action Level
- > 1 - 5 x Action Level
- > 5 - 10 x Action Level
- > 10 - 50 x Action Level
- > 50 x Action Level

N

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Date: March 2013	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings

FIGURE 4-5

PCBs In Soil Samples
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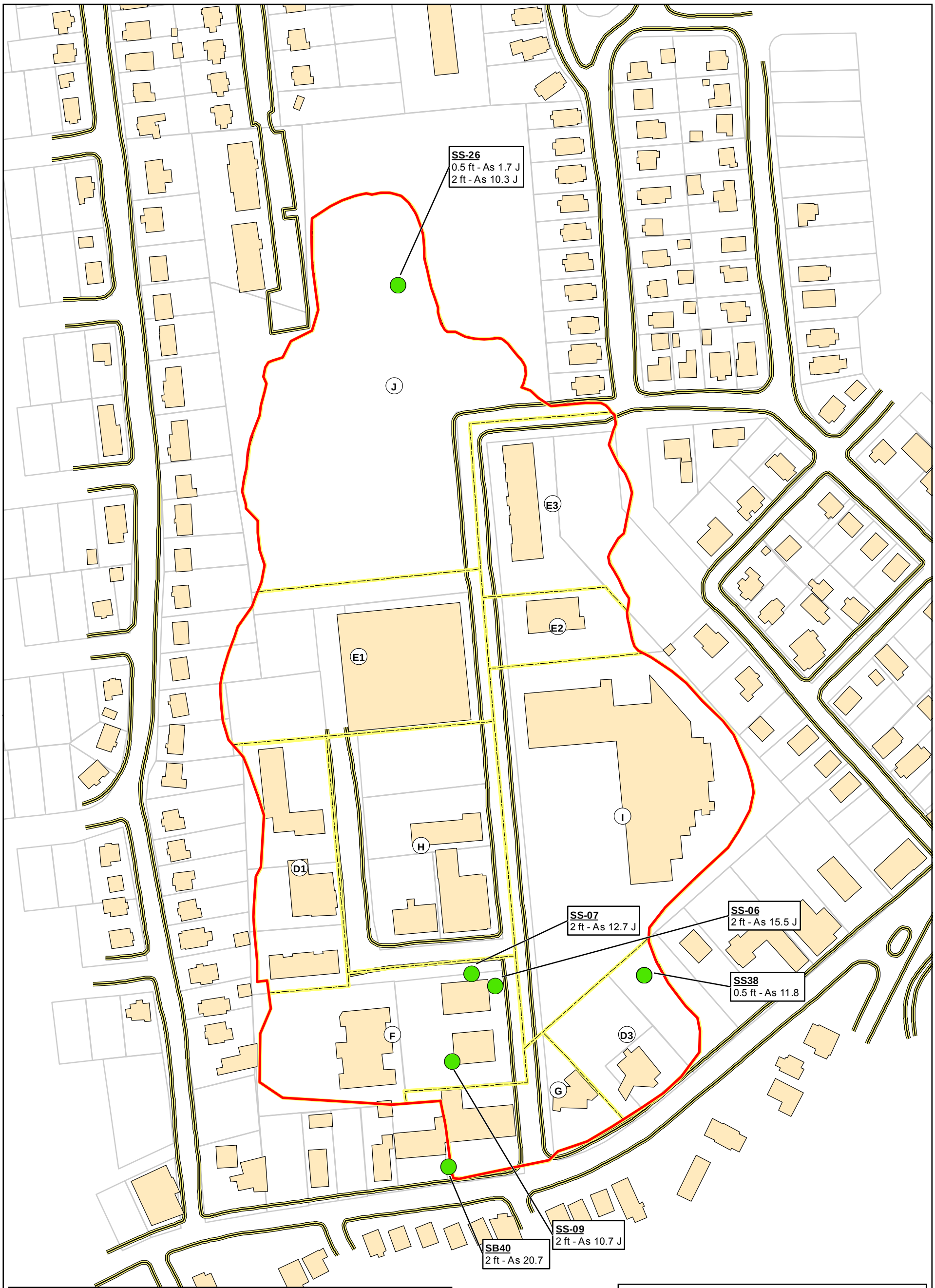

Notes:

1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels. All results are reported in mg/Kg.
2. "J" indicates that the result was estimated.
3. Substances with no detections above screening criteria are not reported.
4. Comparison action levels are derived from State of Connecticut Regulation 22a-133k-1.
5. Data collected by Weston START 1999, Foster Wheeler under task by M&E 2002, CRA (compiled by TetraTech) 2004, and Nobis 2008.
6. Parcel boundaries provided by City of Waterbury, CT.

Shape Indicator	Color Indicator
DEC Action Level	≤ 1 x Action Level
	> 1 - 5 x Action Level
	> 5 - 10 x Action Level
	> 10 - 50 x Action Level
	> 50 x Action Level

N

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APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings

FIGURE 4-6

Arsenic in Surface Soil Samples
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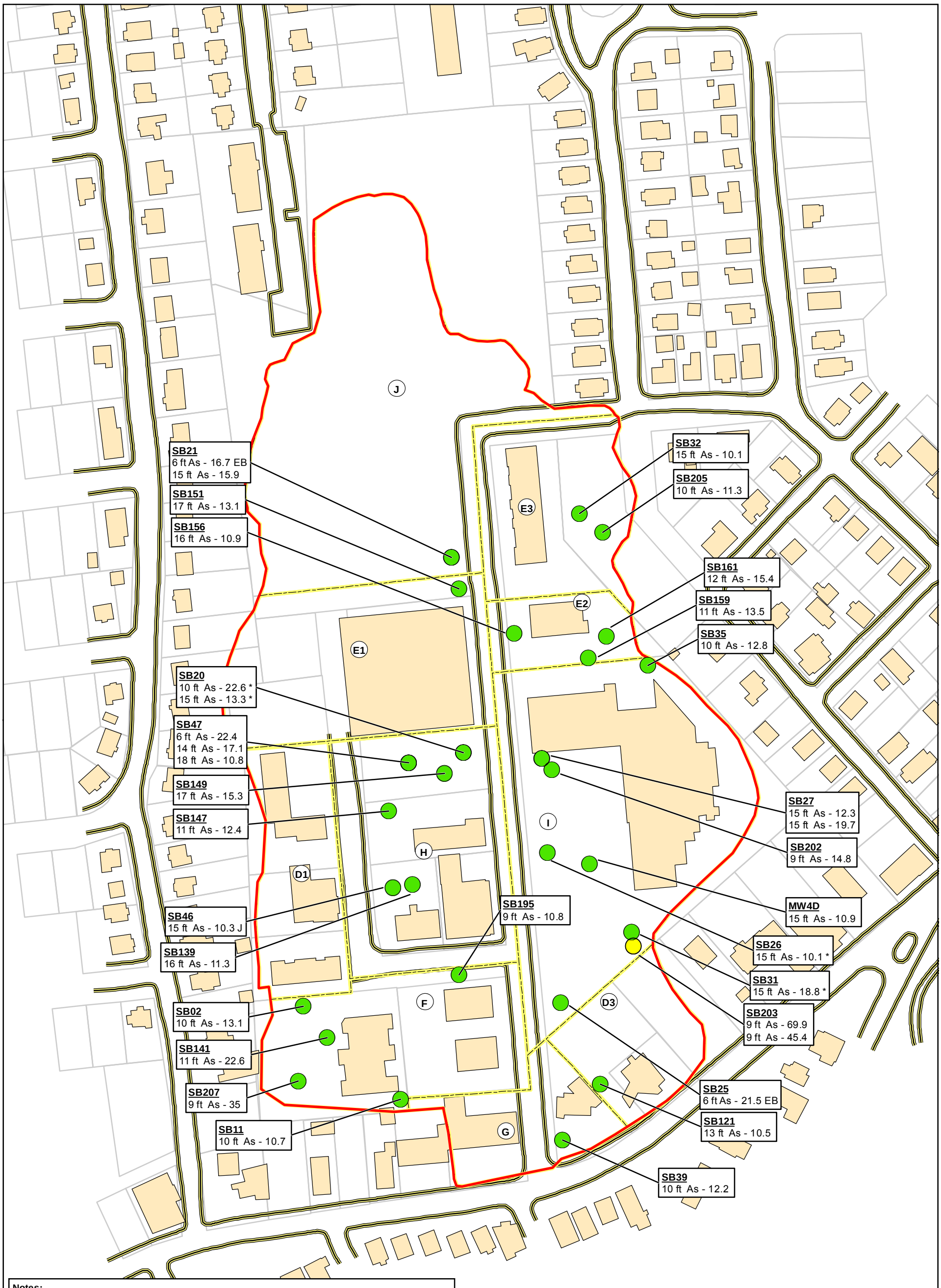

Notes:

1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels. All results are reported in mg/Kg.
2. "J" indicates that the result was estimated. "D" indicates that the result was obtained from a dilution of the sample. "EB" indicates that the analyte was detected in the Equipment Blank. "*" indicates duplicate analysis not within control limits
3. Substances with no detections above screening criteria are not reported.
4. Comparison action levels are derived from State of Connecticut Regulation 22a-133k-1.
5. Data collected by Weston START 1999, Foster Wheeler under task by M&E 2002, CRA (compiled by TetraTech) 2004, and Nobis 2008.
6. Parcel boundaries provided by City of Waterbury, CT.

Shape Indicator	Color Indicator
DEC Action Level	≤ 1 x Action Level
	> 1 - 5 x Action Level
	> 5 - 10 x Action Level
	> 10 - 50 x Action Level
	> 50 x Action Level

N

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APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings

FIGURE 4-7

Arsenic in Subsurface Soil Samples
Scovill Industrial Landfill
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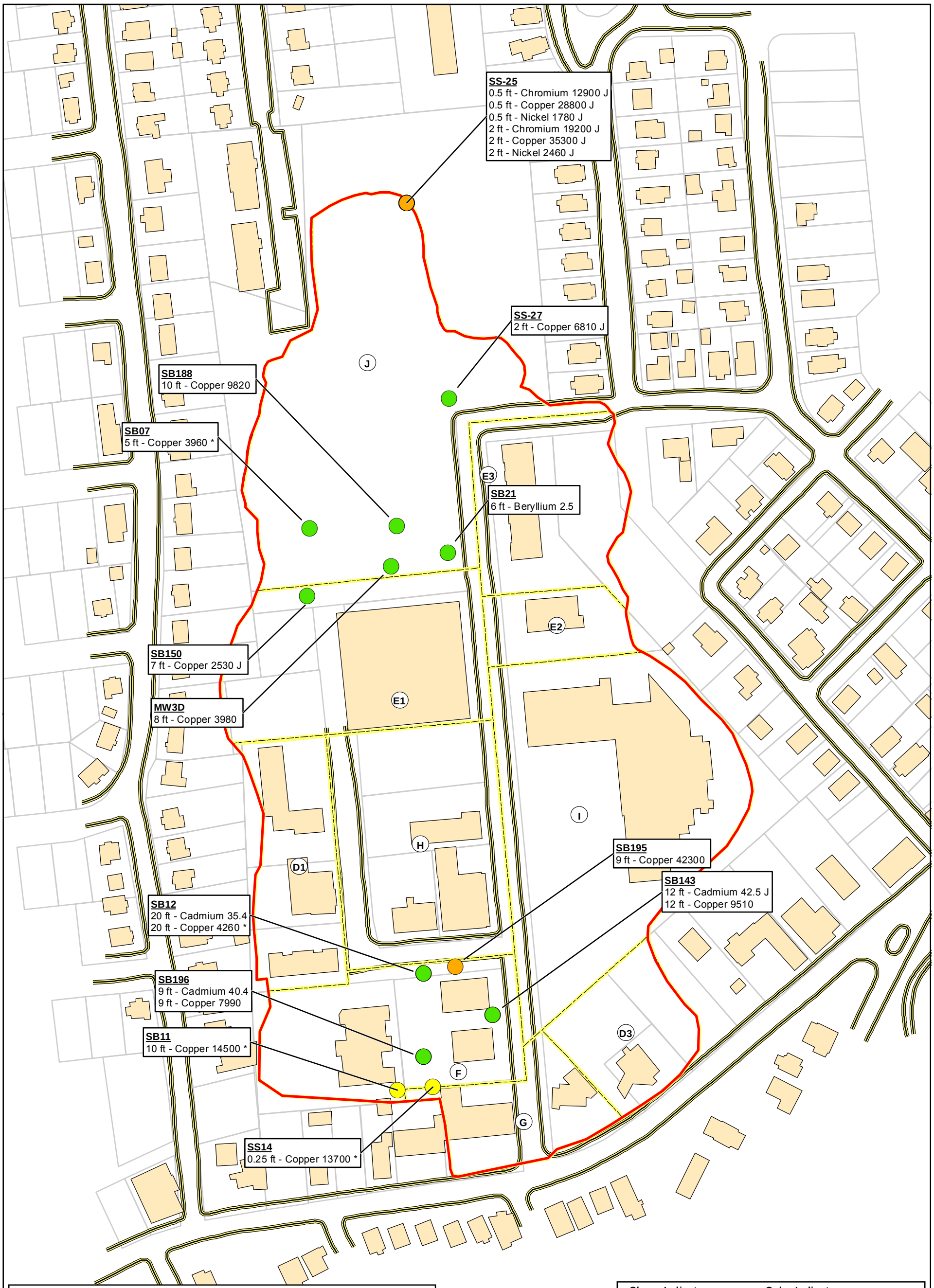

Notes:
1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels. All results are reported in mg/Kg.
2. "J" indicates that the result was estimated. "D" indicates that the result was obtained from a dilution of the sample. "*" indicates duplicate analysis not within control limits.
3. Substances with no detections above screening criteria are not reported.
4. Comparison action levels are derived from State of Connecticut Regulation 22a-133k-1.
5. Data collected by Weston START 1999, Foster Wheeler under task by M&E 2002, CRA (compiled by TetraTech) 2004, and Nobis 2008.
6. Parcel boundaries provided by City of Waterbury, CT.

Shape Indicator	Color Indicator
DEC Action Level	≤ 1 x Action Level
	> 1 - 5 x Action Level
	> 5 - 10 x Action Level
	> 10 - 50 x Action Level
	> 50 x Action Level

N

Drawn By: JH | Checked By: BA

Date: March 2013 | Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings

FIGURE 4-8

Beryllium, Cadmium, Chromium, Copper and Nickel in Soil Samples
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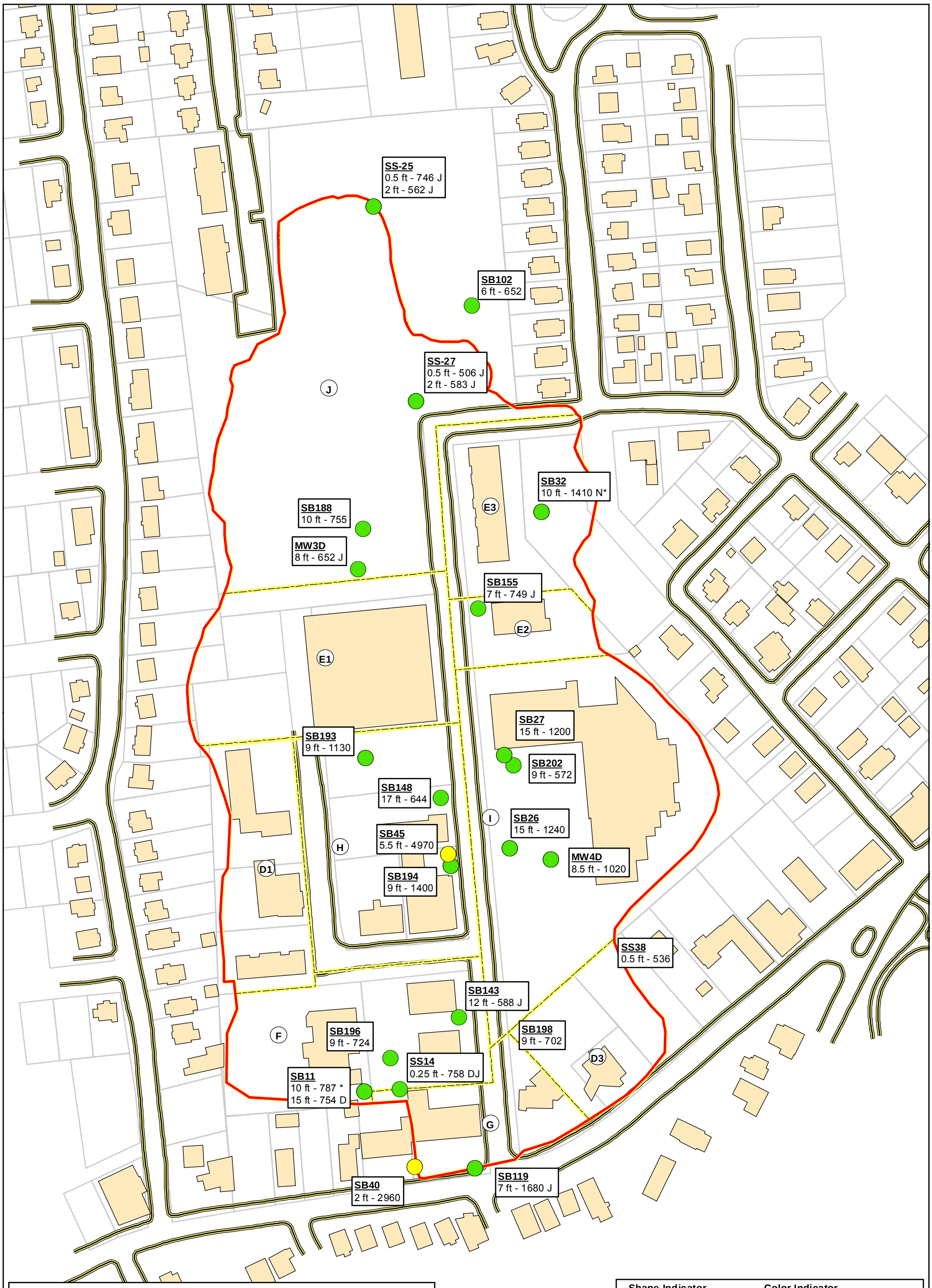

Notes:

1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels. All results are reported in mg/Kg.
2. "J" indicates that the result was estimated. "N" indicates spiked sample recovery not within control limits. "*" indicates duplicate analysis not within control limits.
3. Substances with no detections above screening criteria are not reported.
4. Comparison action levels are derived from State of Connecticut Regulation 22a-133k-1.
5. Data collected by Weston START 1999, Foster Wheeler under task by M&E 2002, CRA (compiled by TetraTech) 2004, and Nobis 2008.
6. Parcel boundaries provided by City of Waterbury, CT.

Shape Indicator	Color Indicator
DEC Action Level	≤ 1 x Action Level
	> 1 - 5 x Action Level
	> 5 - 10 x Action Level
	> 10 - 50 x Action Level
	> 50 x Action Level

N

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APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings

FIGURE 4-9

Lead in Soil Samples
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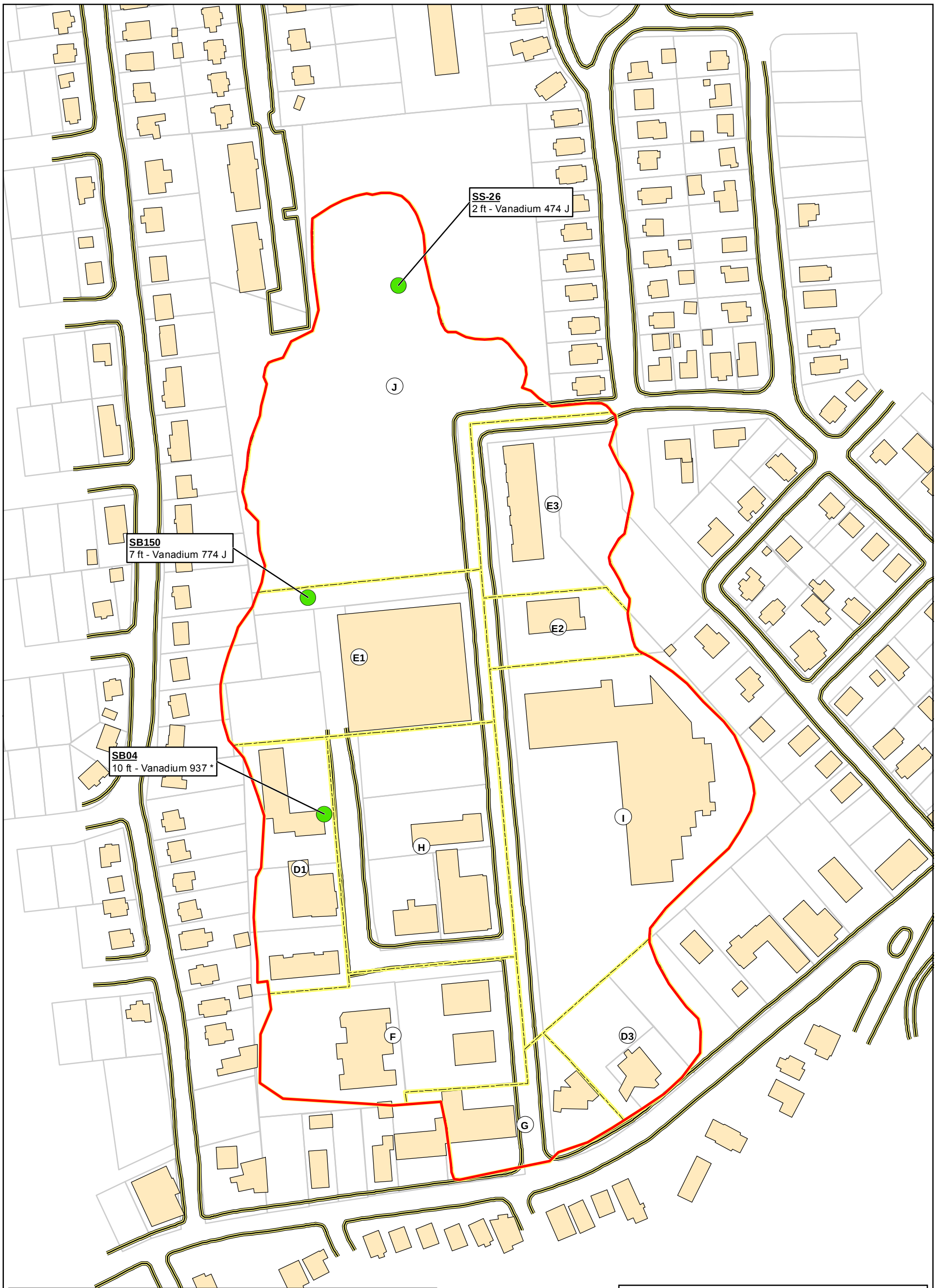

Notes:

1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels. All results are reported in mg/Kg.
2. "J" indicates that the result was estimated. "*" indicates duplicate analysis not within control limits.
3. Substances with no detections above screening criteria are not reported.
4. Comparison action levels are derived from State of Connecticut Regulation 22a-133k-1.
5. Data collected by Weston START 1999, Foster Wheeler under task by M&E 2002, CRA (compiled by TetraTech) 2004, and Nobis 2008.
6. Parcel boundaries provided by City of Waterbury, CT.

Shape Indicator	Color Indicator
DEC Action Level	≤ 1 x Action Level
	> 1 - 5 x Action Level
	> 5 - 10 x Action Level
	> 10 - 50 x Action Level
	> 50 x Action Level

N

Drawn By: JH	Checked By: BA
Date: March 2013	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings

FIGURE 4-10

Vanadium in Soil Samples
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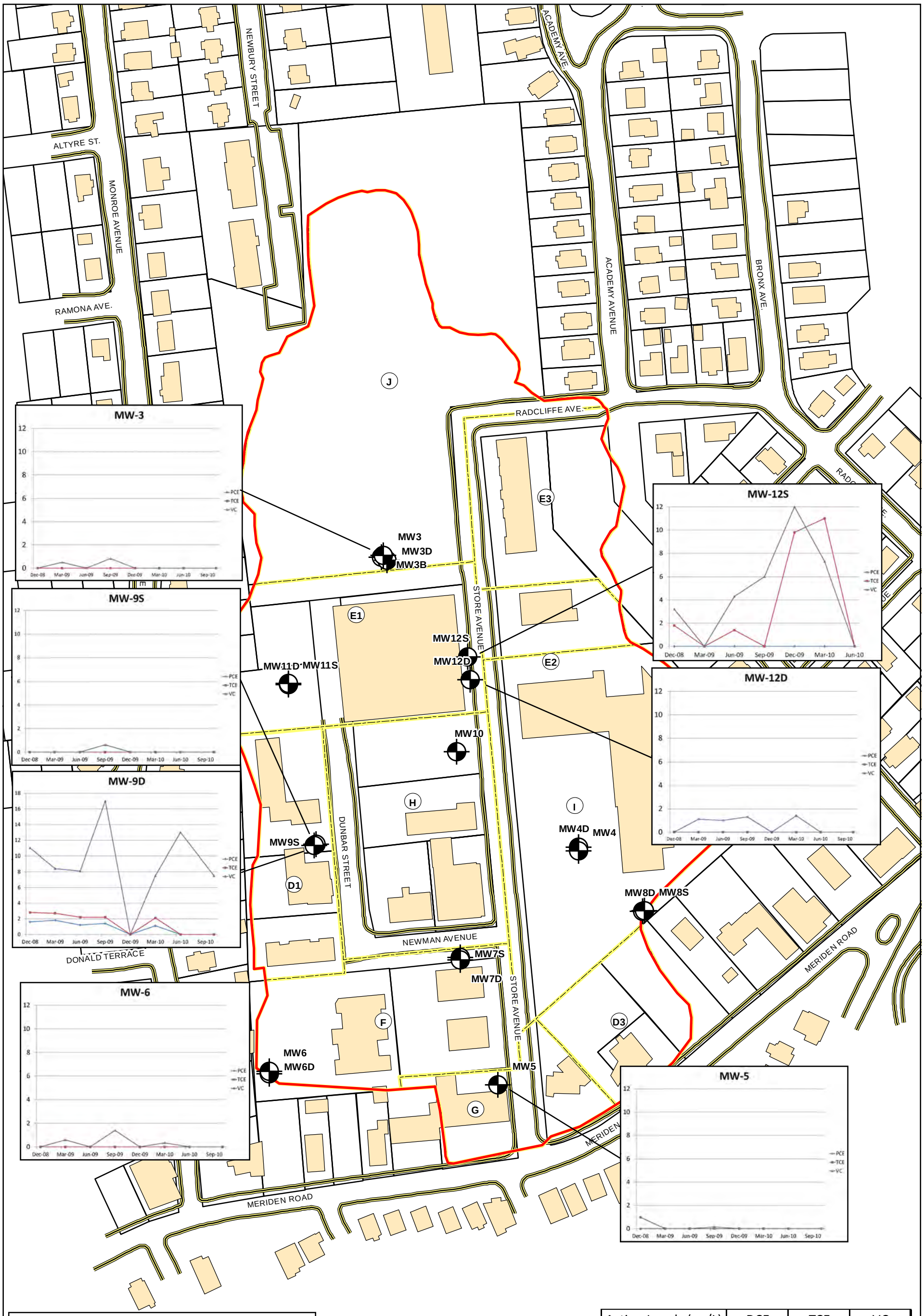
Path: R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\GIS_Data\Maps\RI_Report\RI Section 4 Feb 2013\Fig_4-10_Scovill_SO_V_All.mxd



Notes:
1. Only locations with detects are displayed with results.
2. Comparison action levels are derived from Volatization Criteria for Groundwater State of Connecticut Regulation 22a-133k-1.
3. Data collected by Nobis 2008-2010.
4. Results are reported in µg/L.
5. Parcel boundaries provided by City of Waterbury, CT.

DCE = 1,1-Dichloroethene
TCE = Trichloroethene
VC = Vinyl Chloride

Action Levels (µg/L)	DCE	TCE	VC
Residential Volatization Criteria	1	219	2
Commercial Volatization Criteria	6	540	2

N

Drawn By: JH | Checked By: BA

Date: March 2013 | Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings
Monitoring Well Locations

FIGURE 4-11

DCE, TCE, and Vinyl Chloride Detections in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

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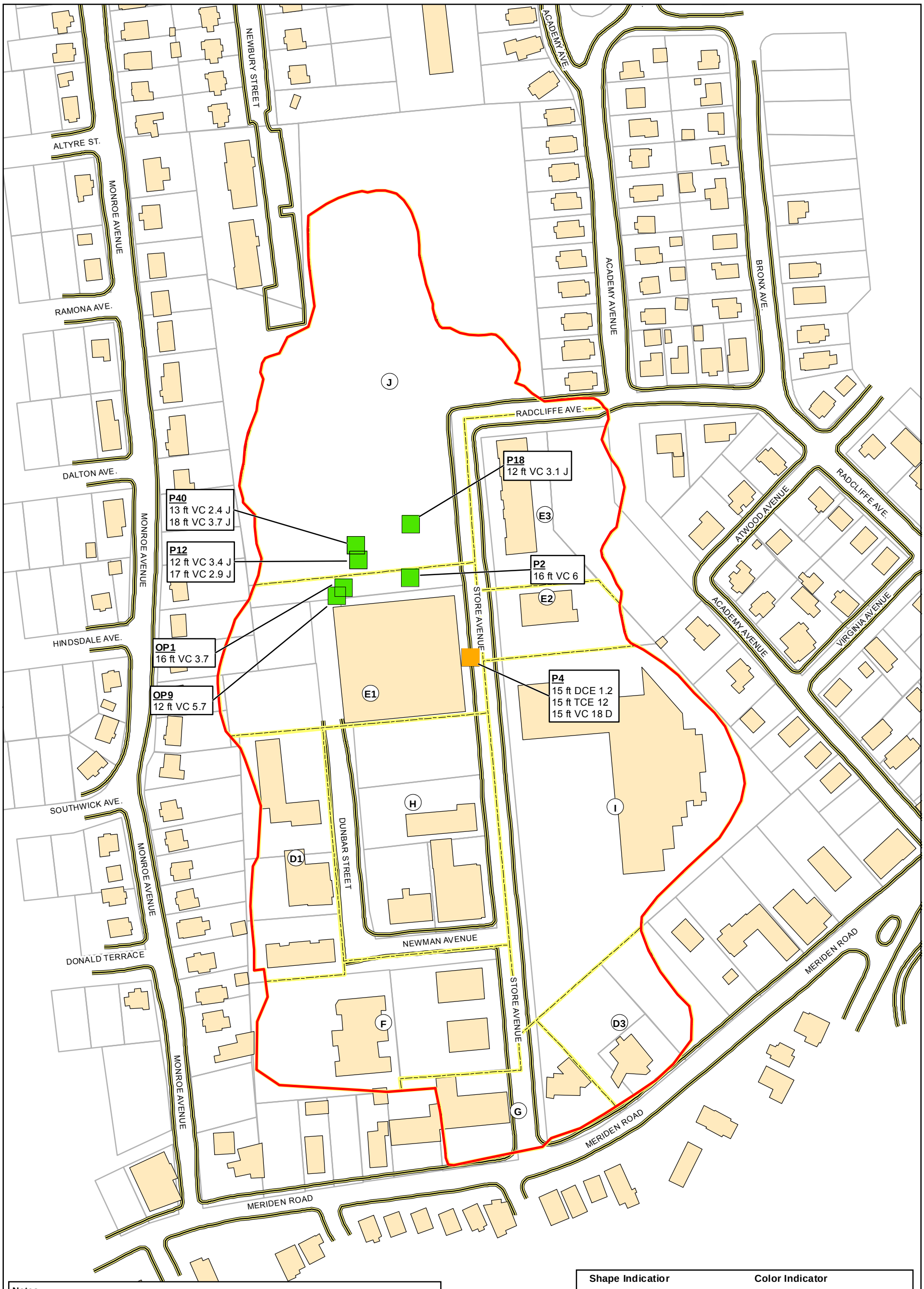
Path: R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\GIS_Data\Maps\RI_Report\RI Section 4 Feb 2013\Fig_4-11_Scovill_GW_PCE_TCE_VC.mxd



Notes:
1. Tags indicate Well ID, sample depth below ground surface, and results exceeding action levels.
2. Comparison action levels are derived from Volatization Criteria for Groundwater State of Connecticut Regulation 22a-133k-1.
3. Data collected by Nobis 2010.
4. All results are reported in µg/L.
5. "J" indicates that the result was estimated. "D" indicates result was from a dilution of the sample.
6. Substances with no detections above screening criteria are not reported.
7. Parcel boundaries provided by City of Waterbury, CT.

Shape Indicatior

CT - Volatization Criteria for Groundwater

Color Indicator

- ≤ 1 x Action Level
- > 1 - 5 x Action Level
- > 5 - 10 x Action Level
- > 10 - 50 x Action Level
- > 50 x Action Level

N

Drawn By: JH | Checked By: BA

Date: March 2013 | Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

Modern Roads
Estimated Limit of Scovill Derived/Placed Fill
Risk Area Limits
Assessor's Parcel Boundaries
Buildings

FIGURE 4-12

VOC in Groundwater
Vertical Profile
Scovill Industrial Landfill
Waterbury, Connecticut

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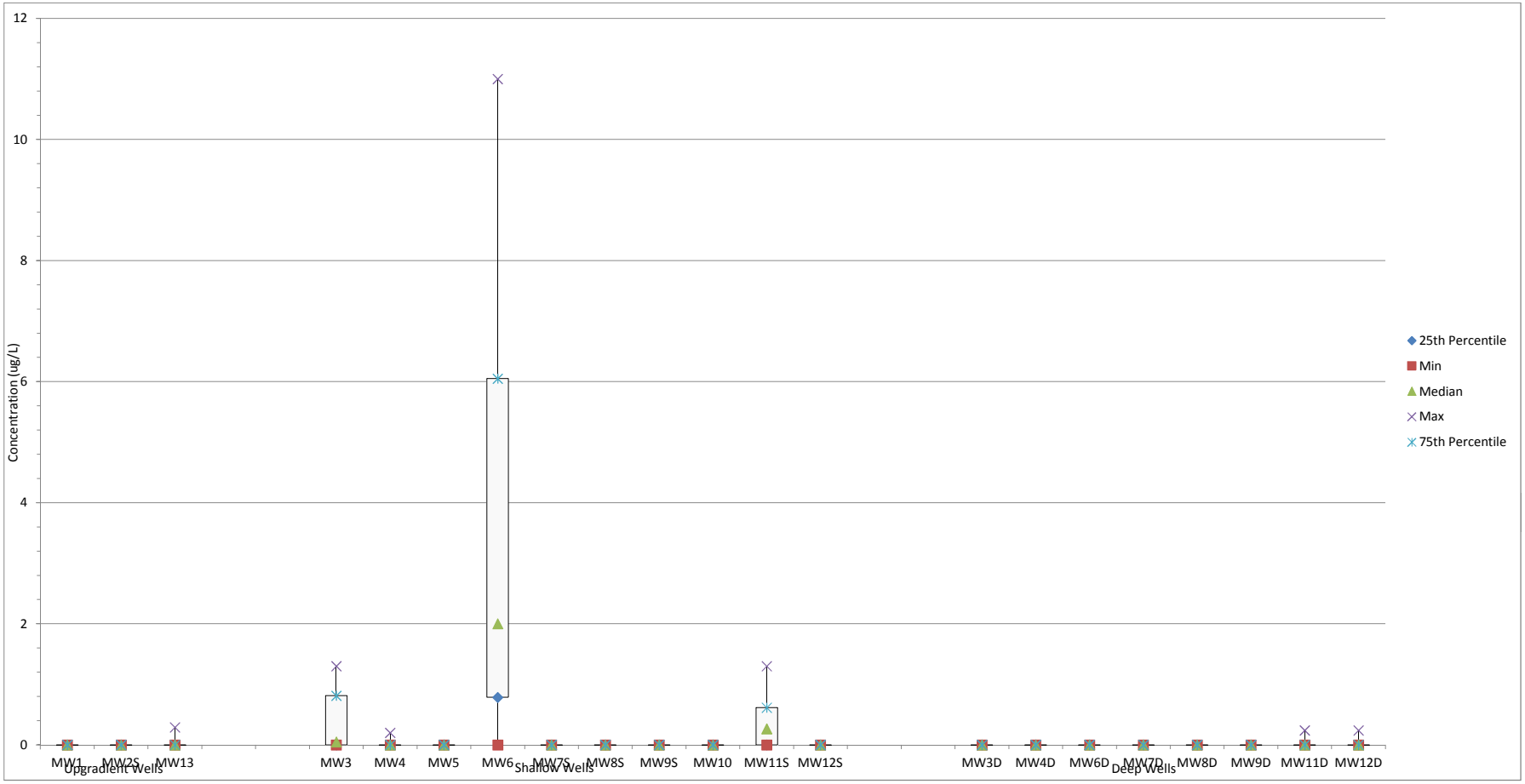
Path: R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\GIS_Data\Maps\RI_Report\RI Section 4 Feb 2013\Fig_4-12_Scovill_GW_VOC_VP.mxd

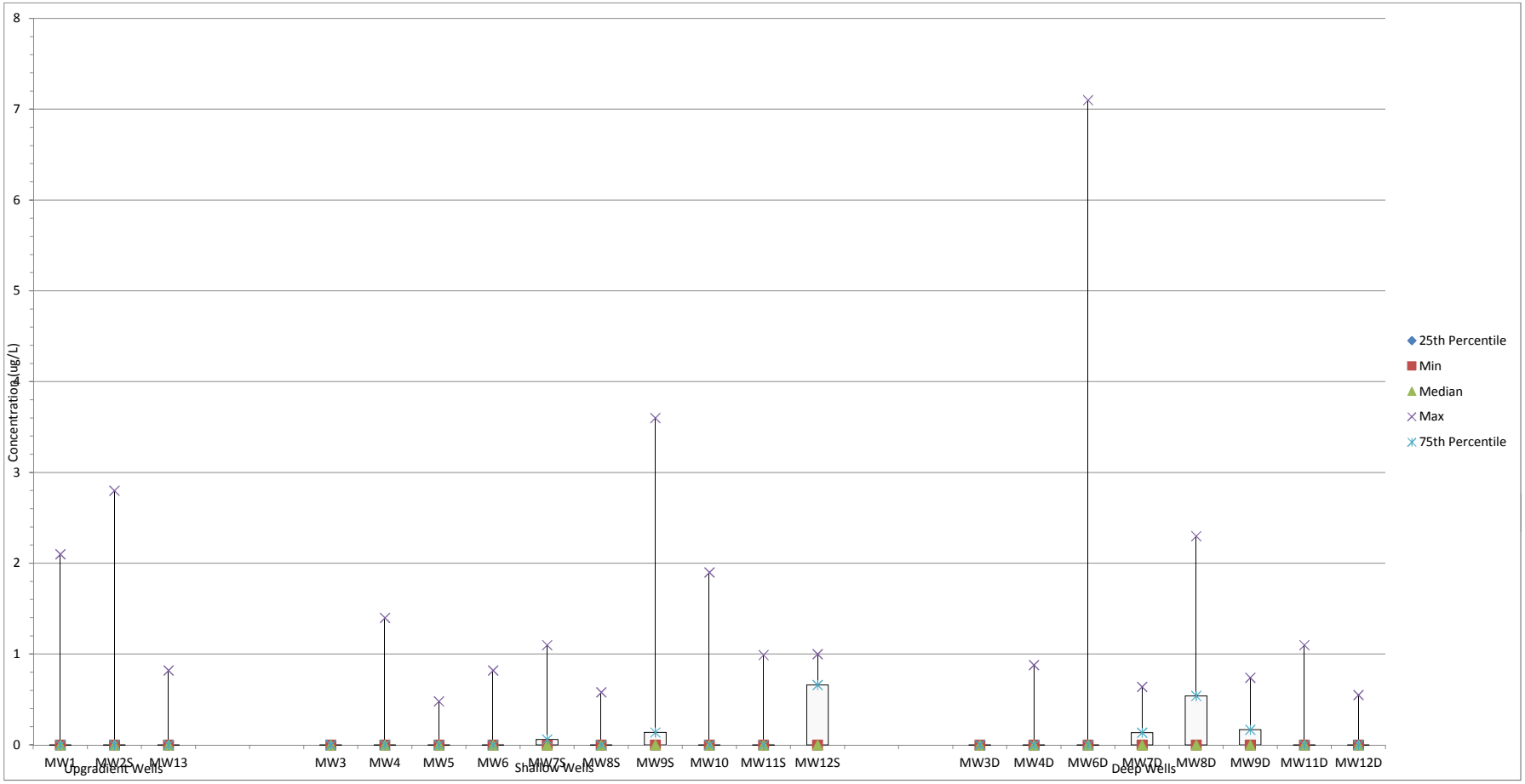
Figure 4-13 Acenaphthene Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

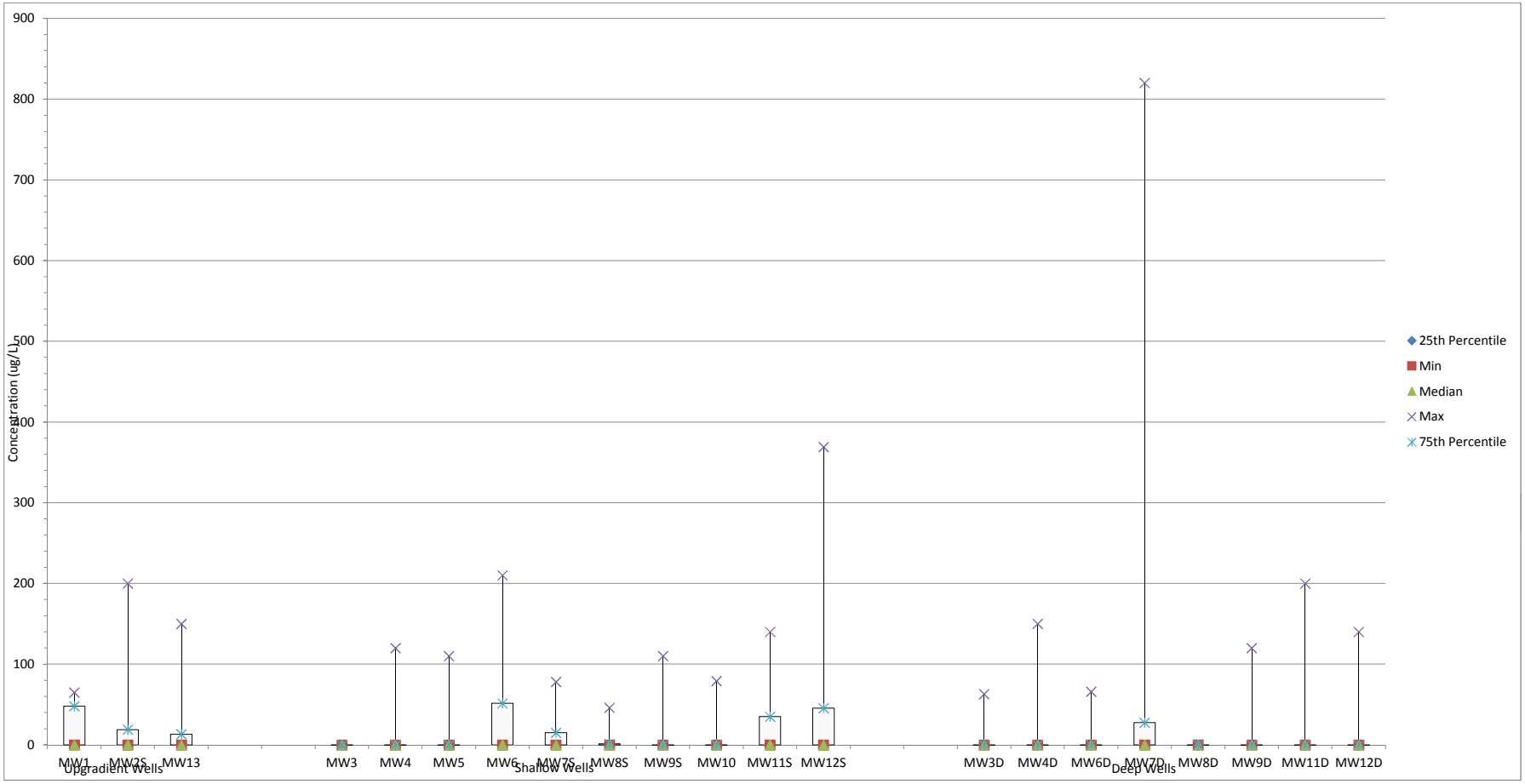
Figure 4-14 bis(2-Ethylhexyl)phthalate Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

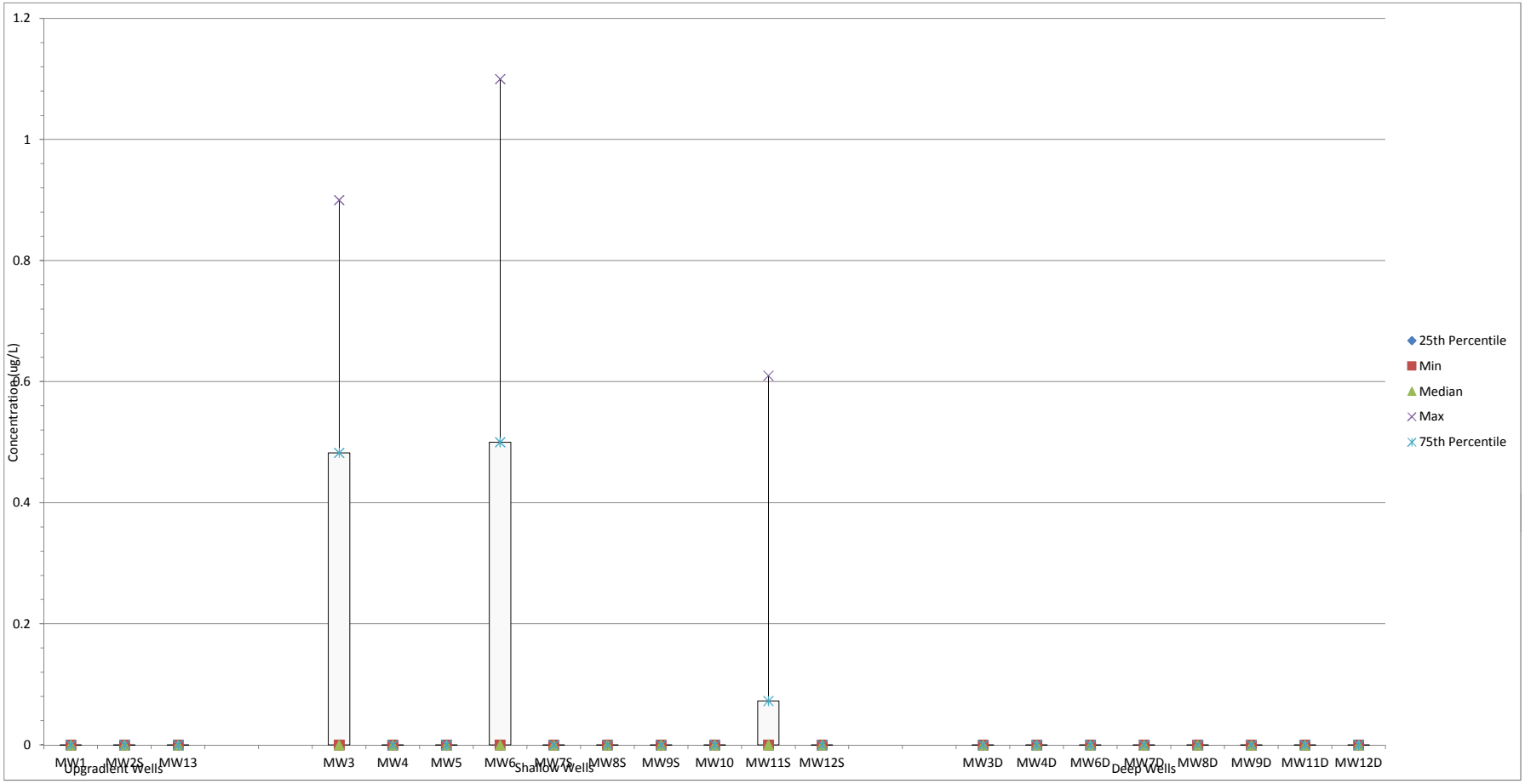
Figure 4-15 Caprolactam Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

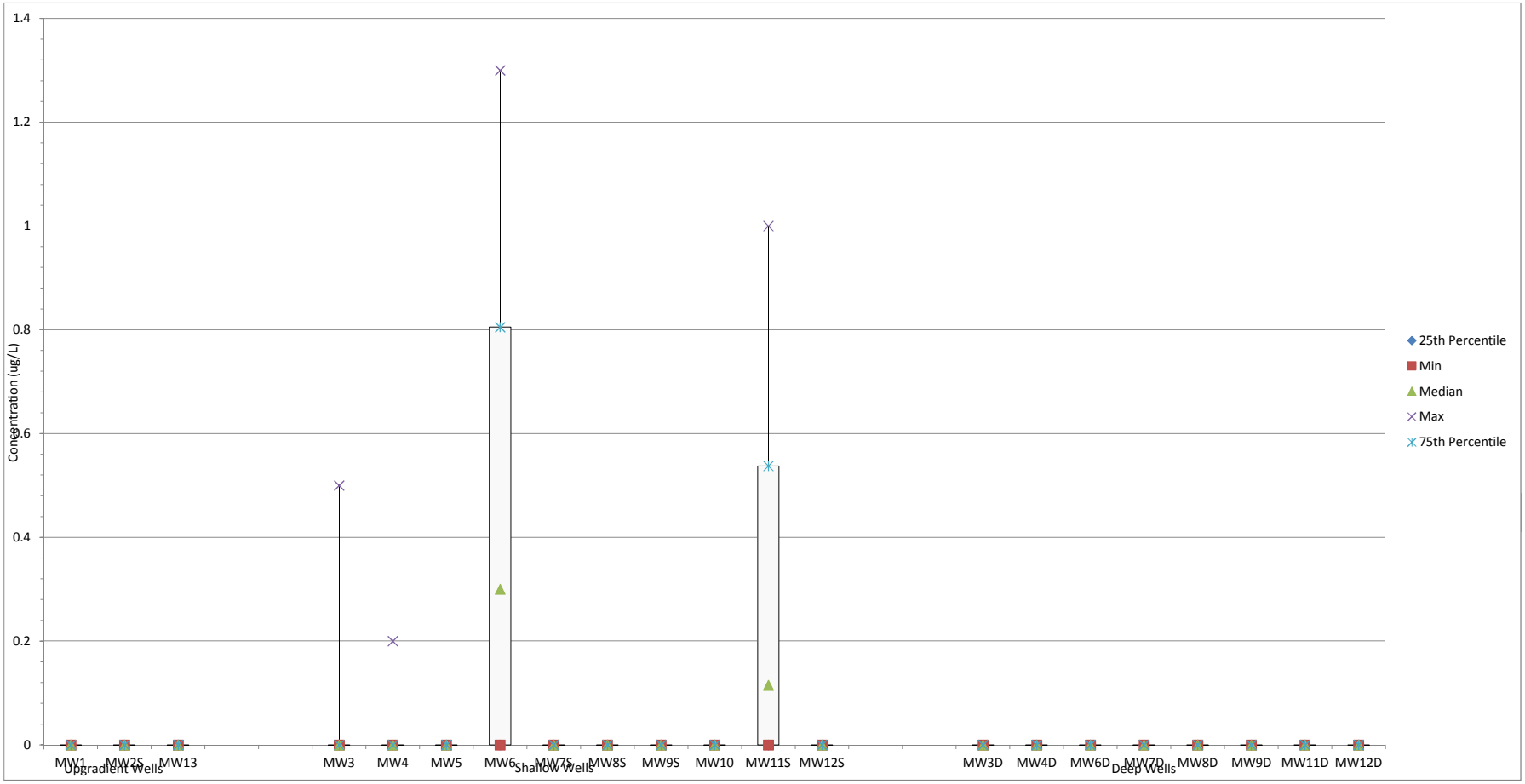
Figure 4-16 Carbazole Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

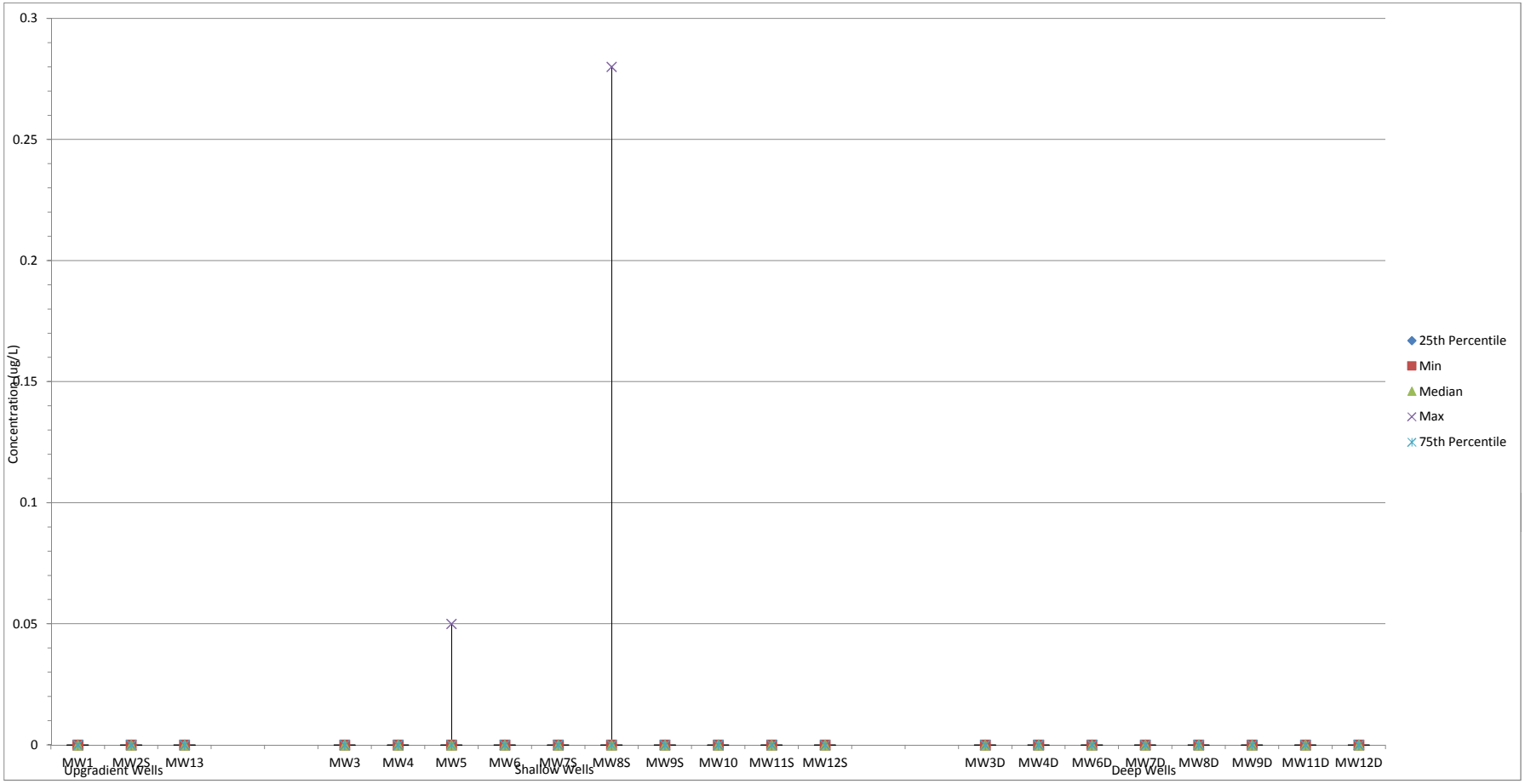
Figure 4-17 Fluorene Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

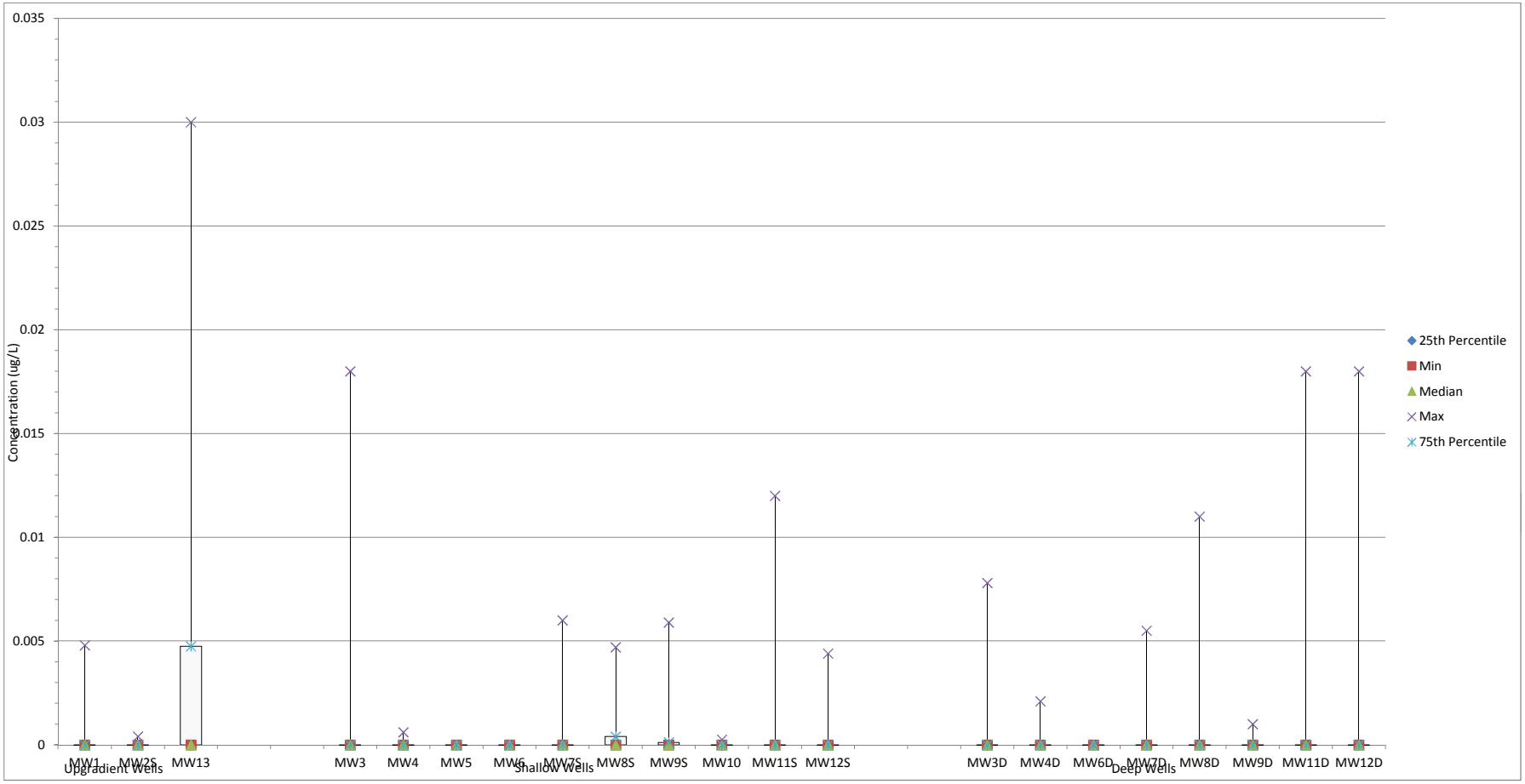
Figure 4-18 Benzo(a)pyrene Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

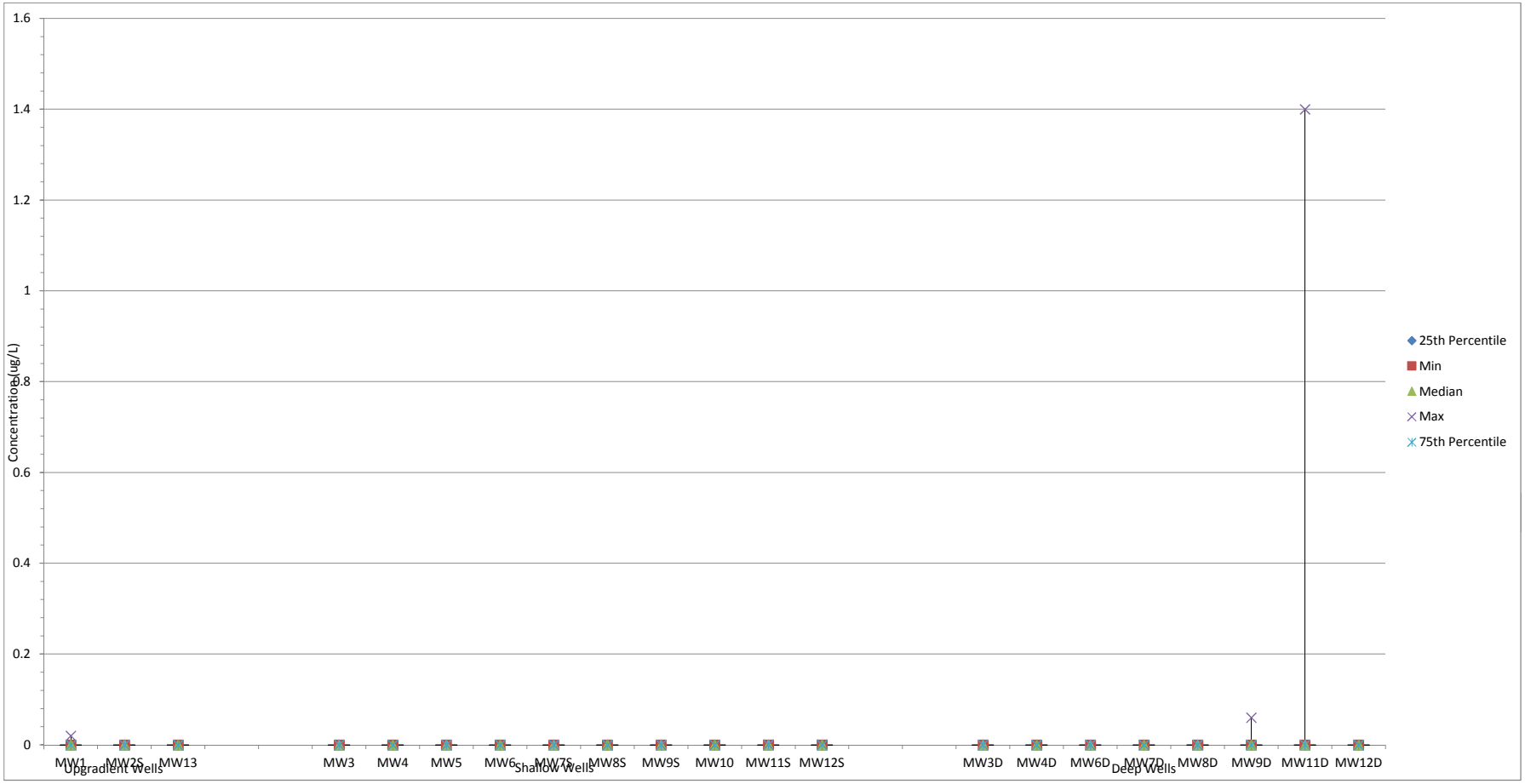
Figure 4-19 Heptachlor Epoxide Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

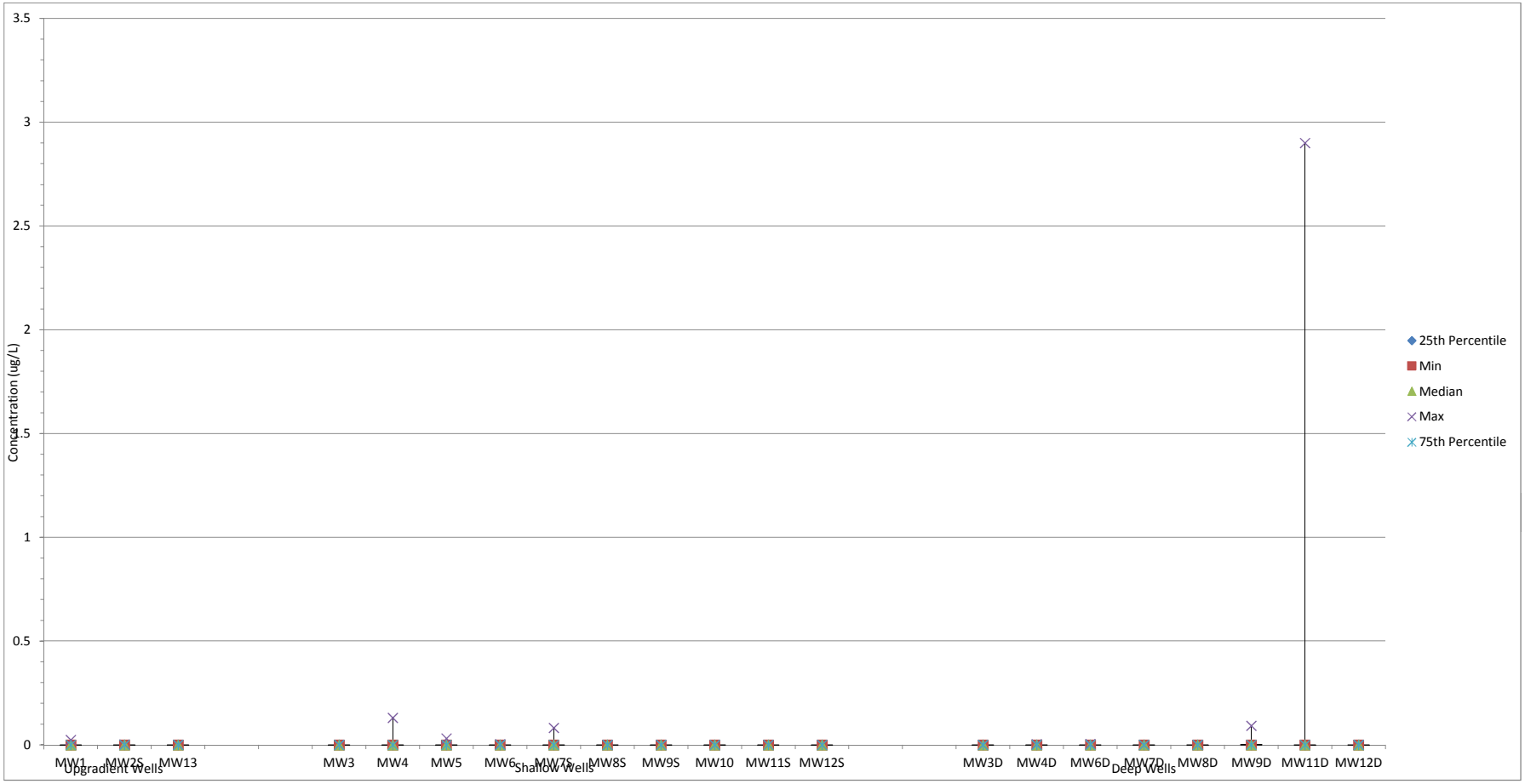
Figure 4-20 4,4'-DDE Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

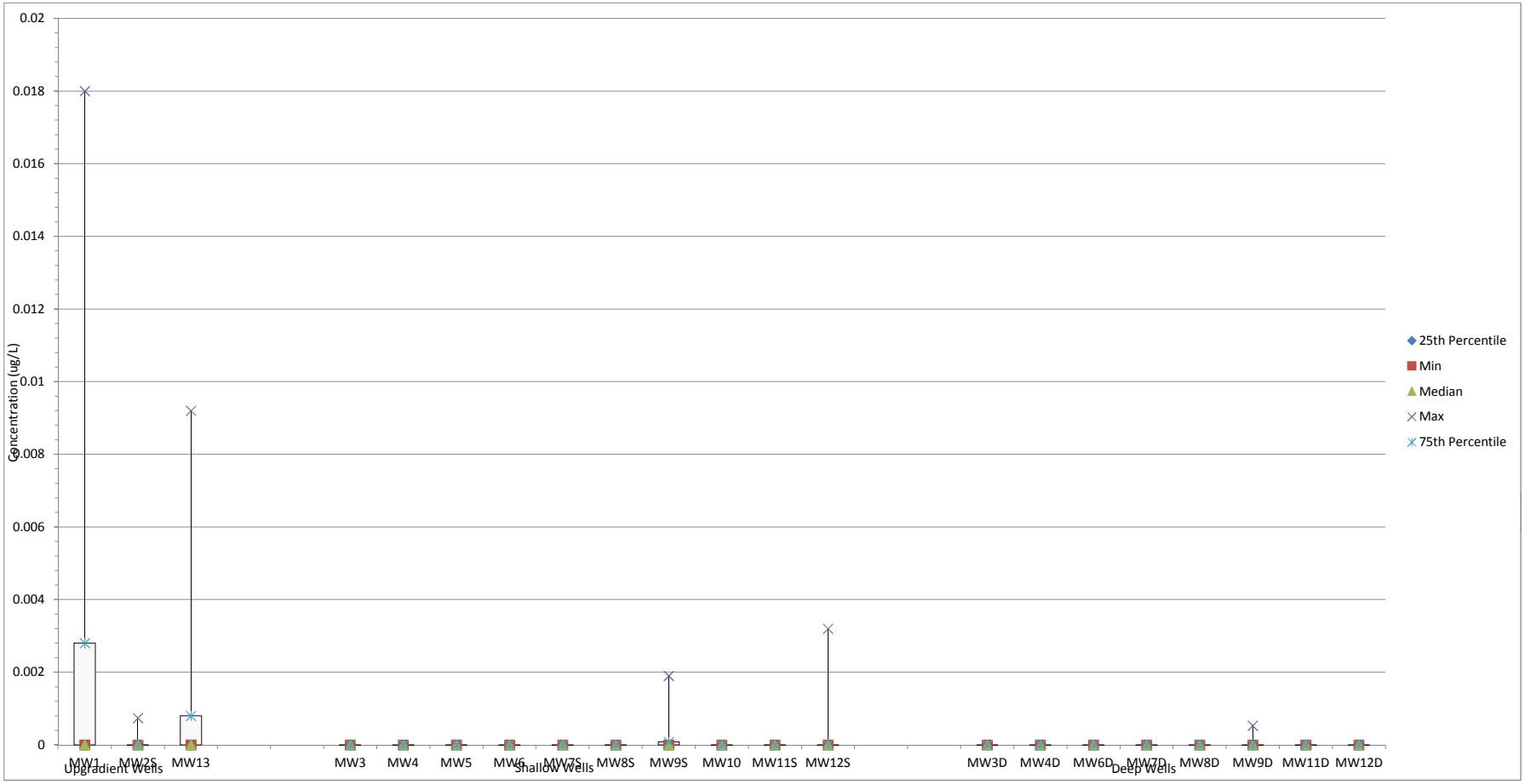
Figure 4-21 4,4'-DDT Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

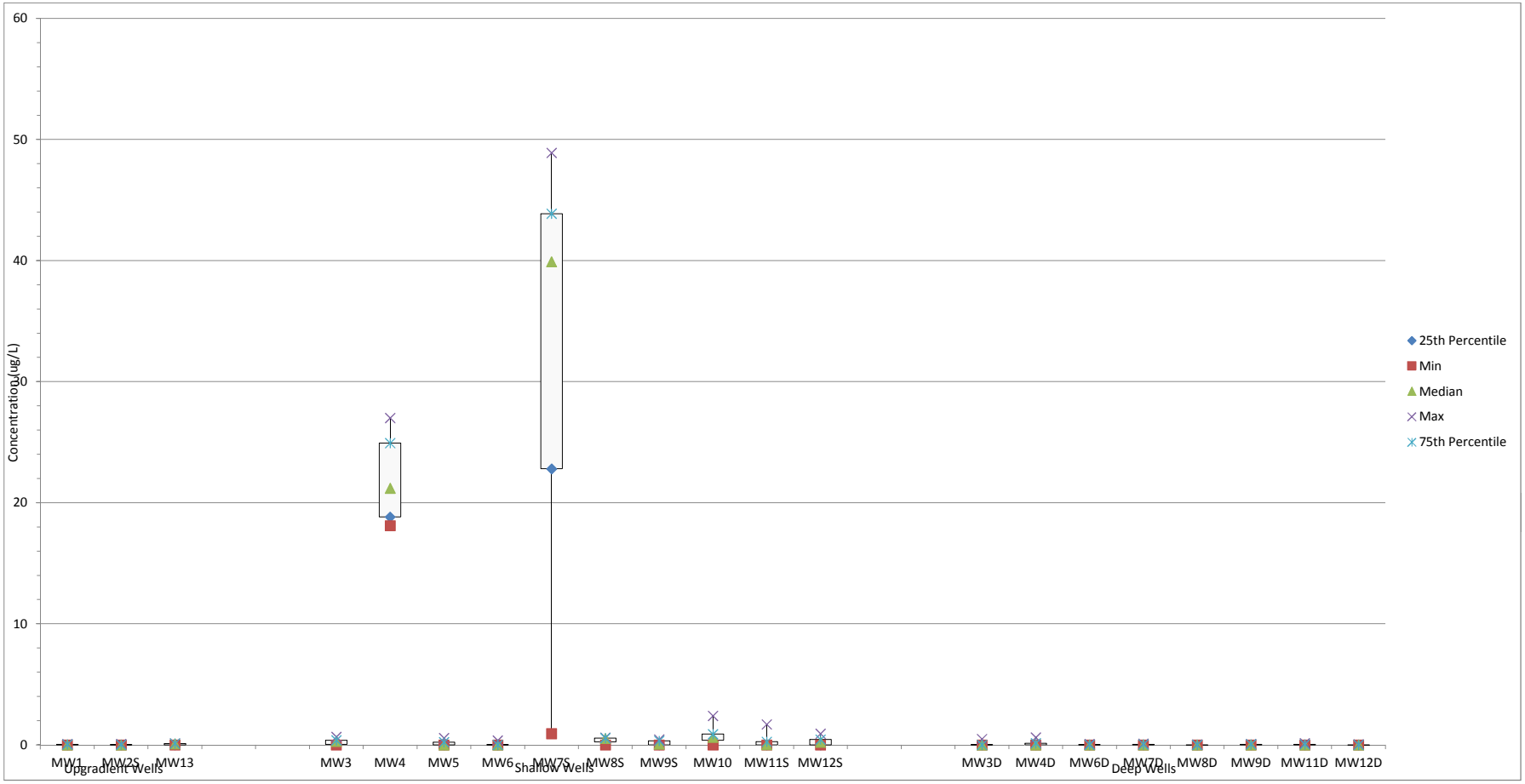
Figure 4-22 Dieldrin Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

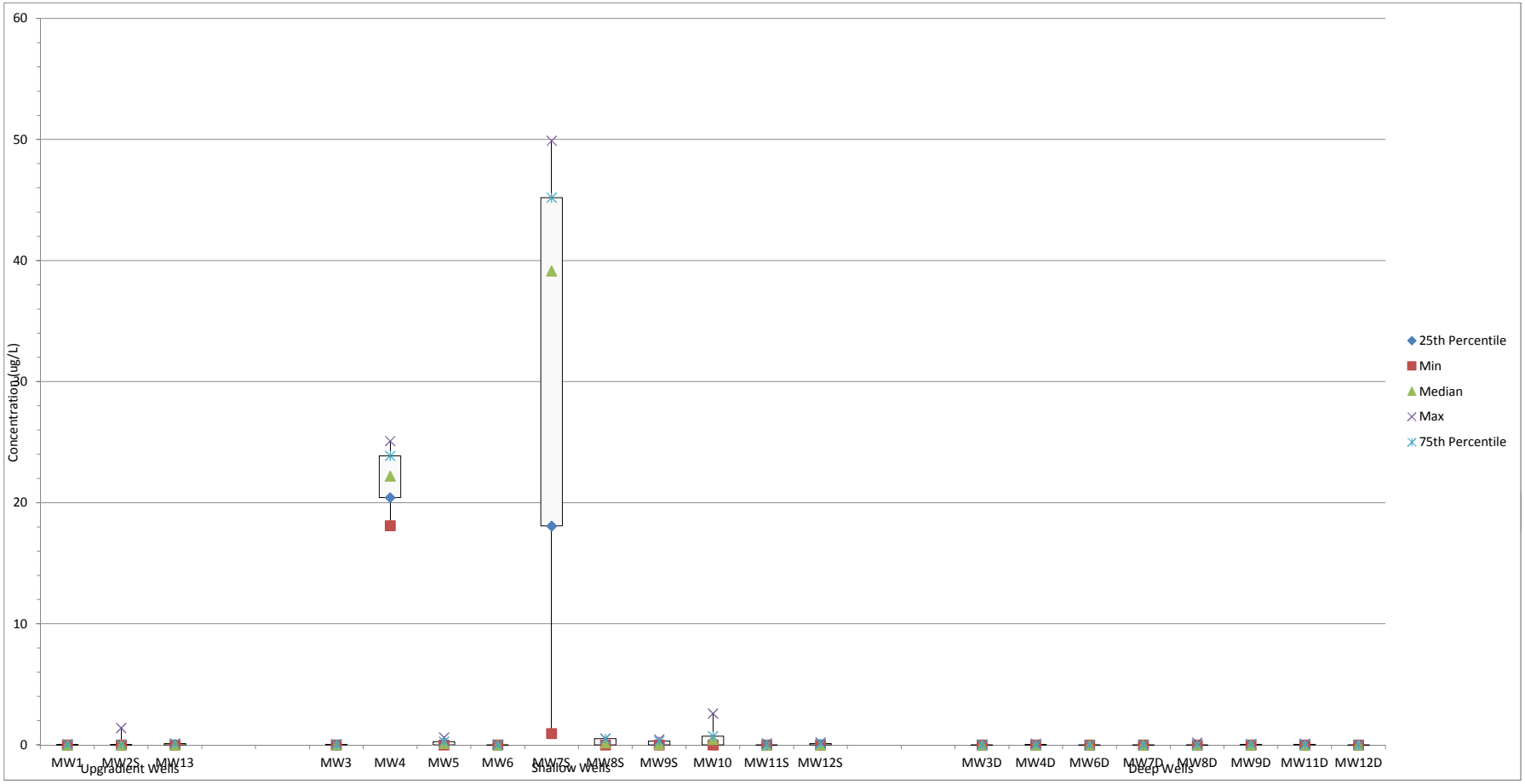
Figure 4-23A Total Cadmium Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

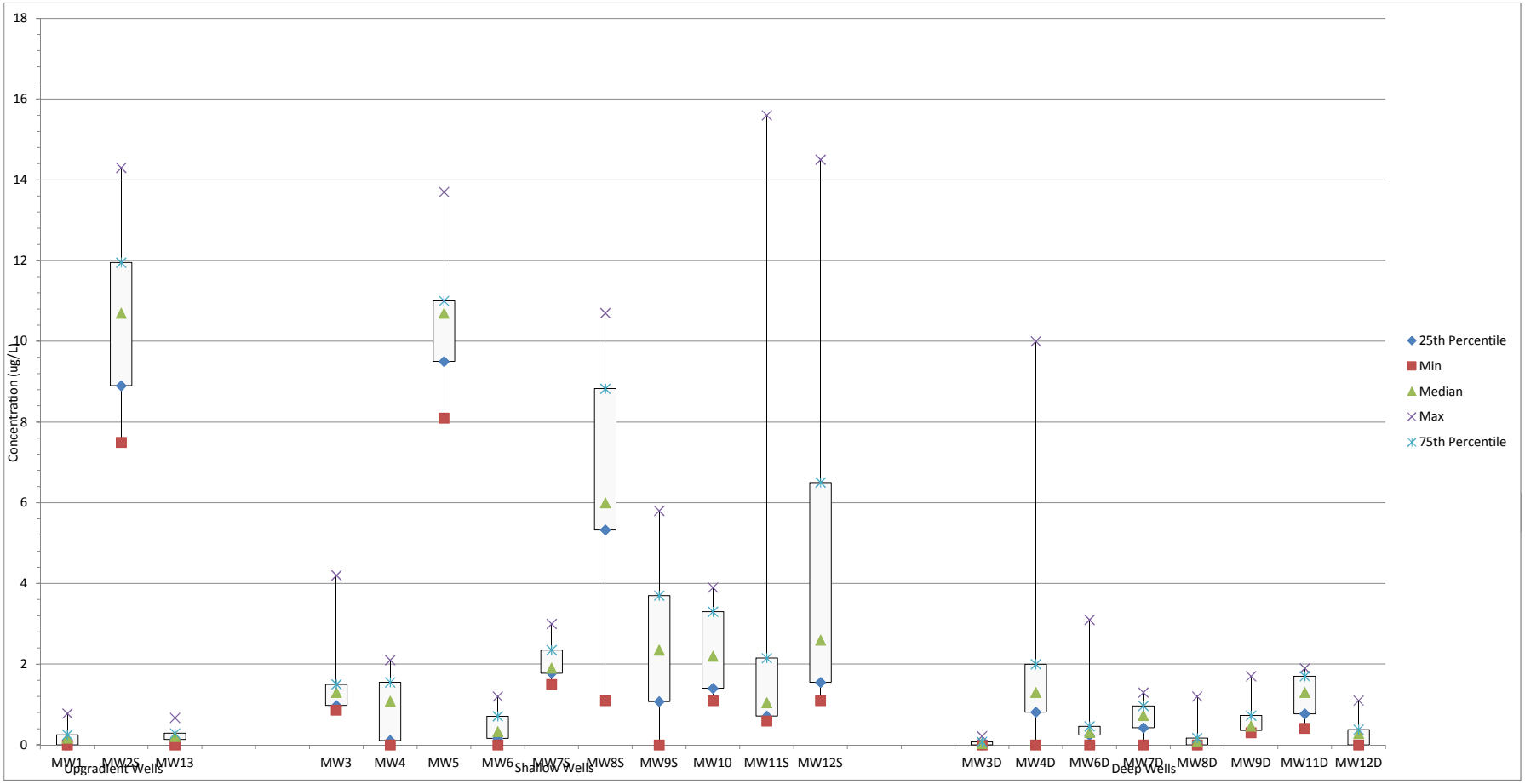
Figure 4-23B Dissolved Cadmium Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

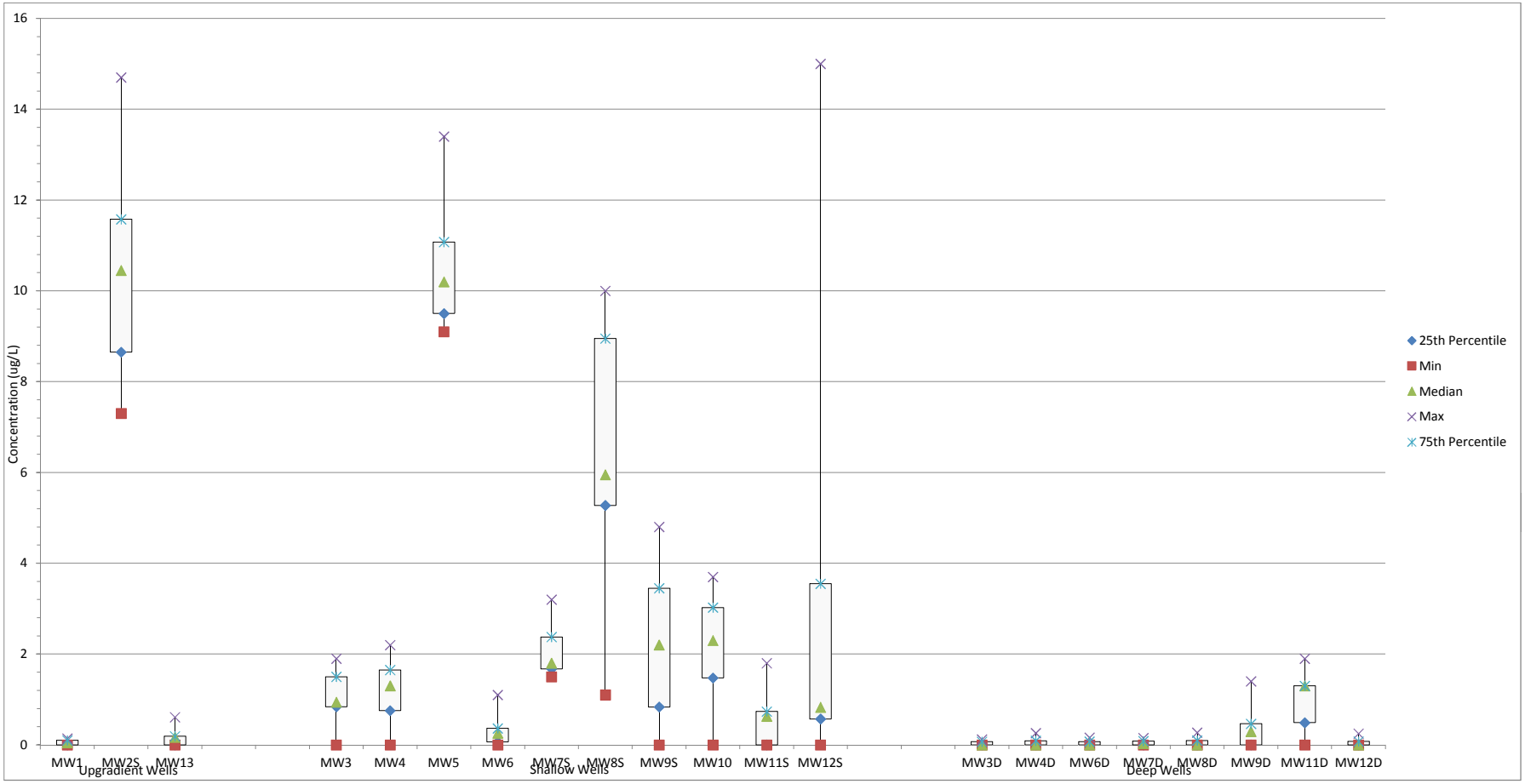
Figure 4-24A Total Cobalt Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

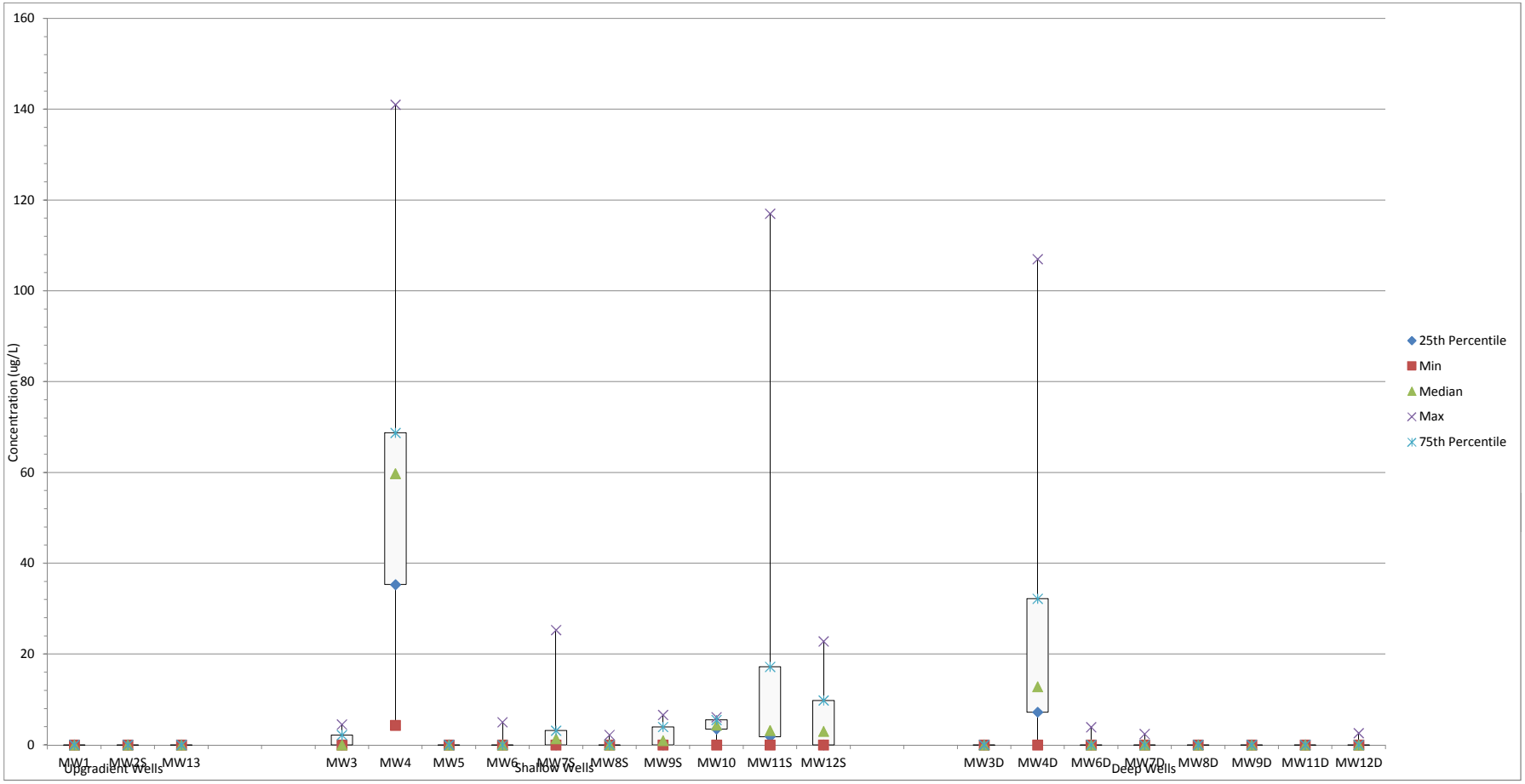
Figure 4-24B Dissolved Cobalt Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

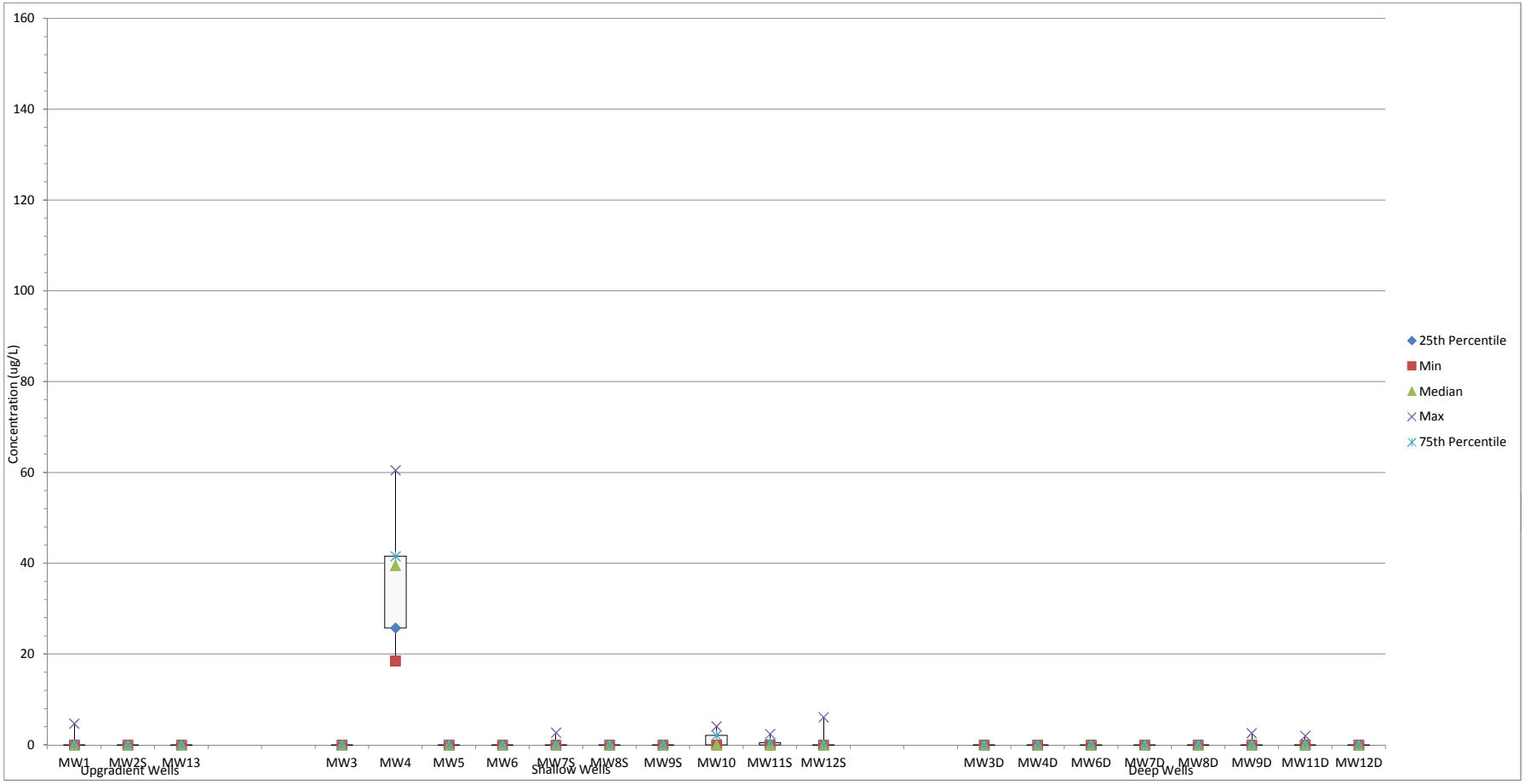
Figure 4-25A Total Lead Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

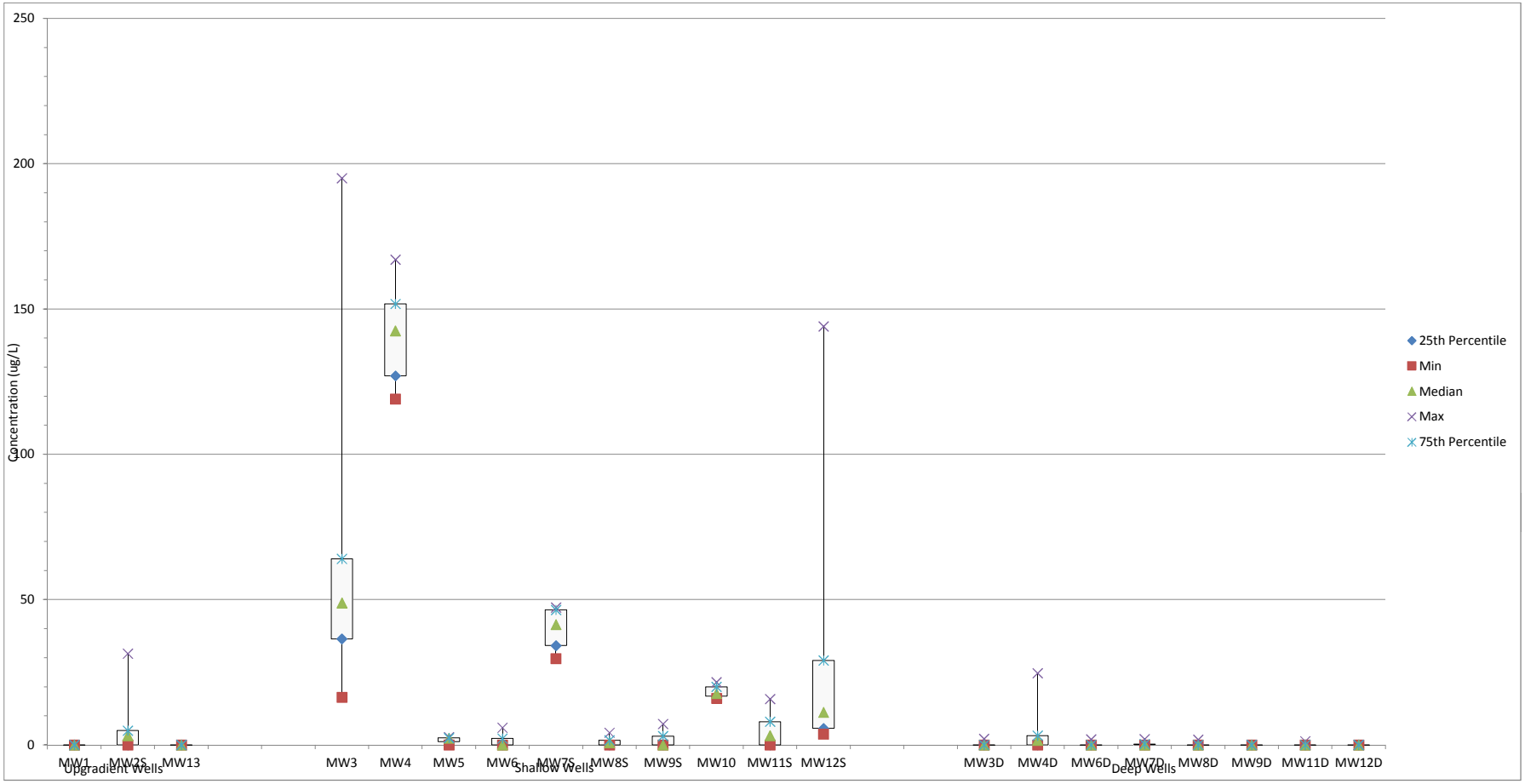
Figure 4-25B Dissolved Lead Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

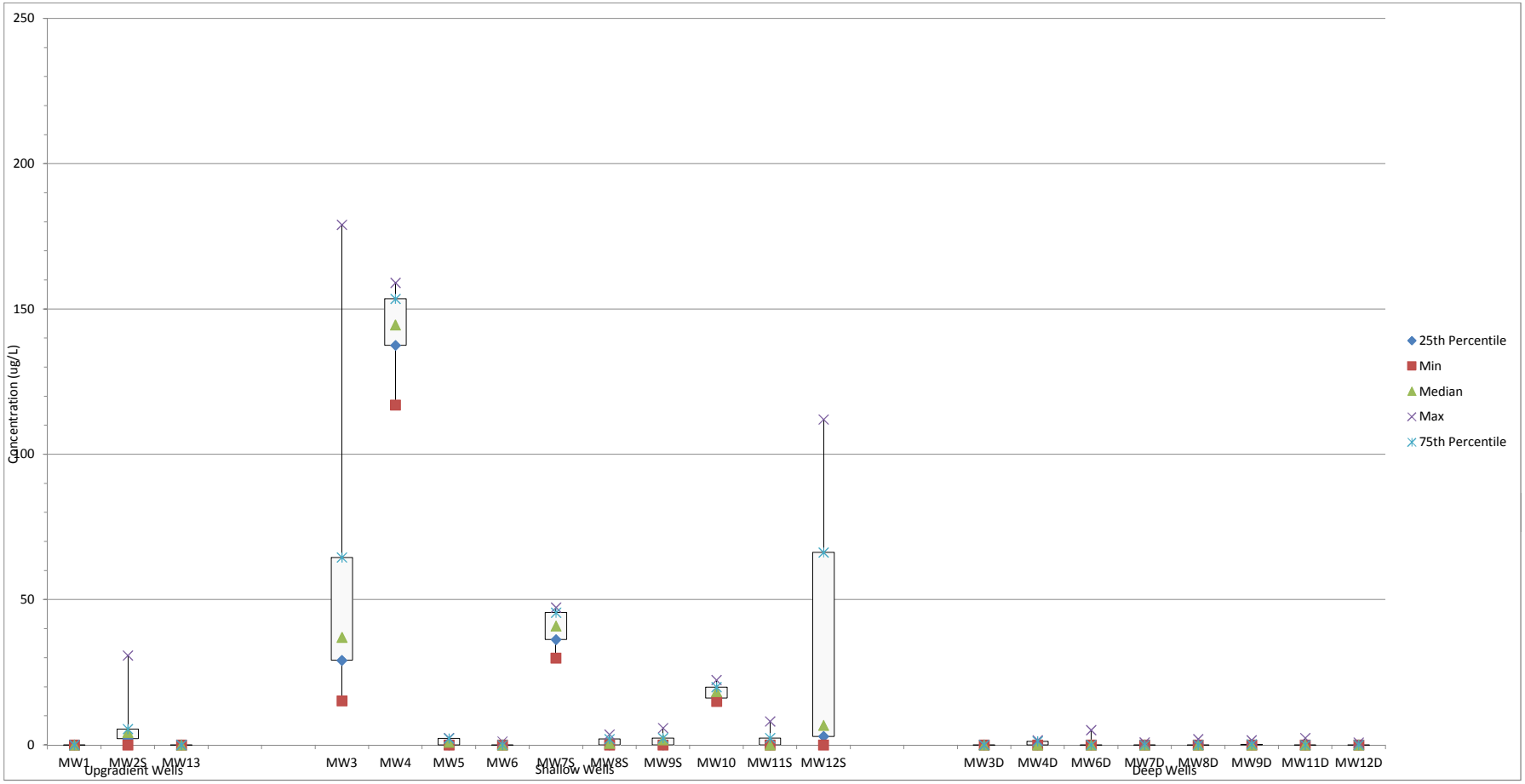
Figure 4-26A Total Nickel Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

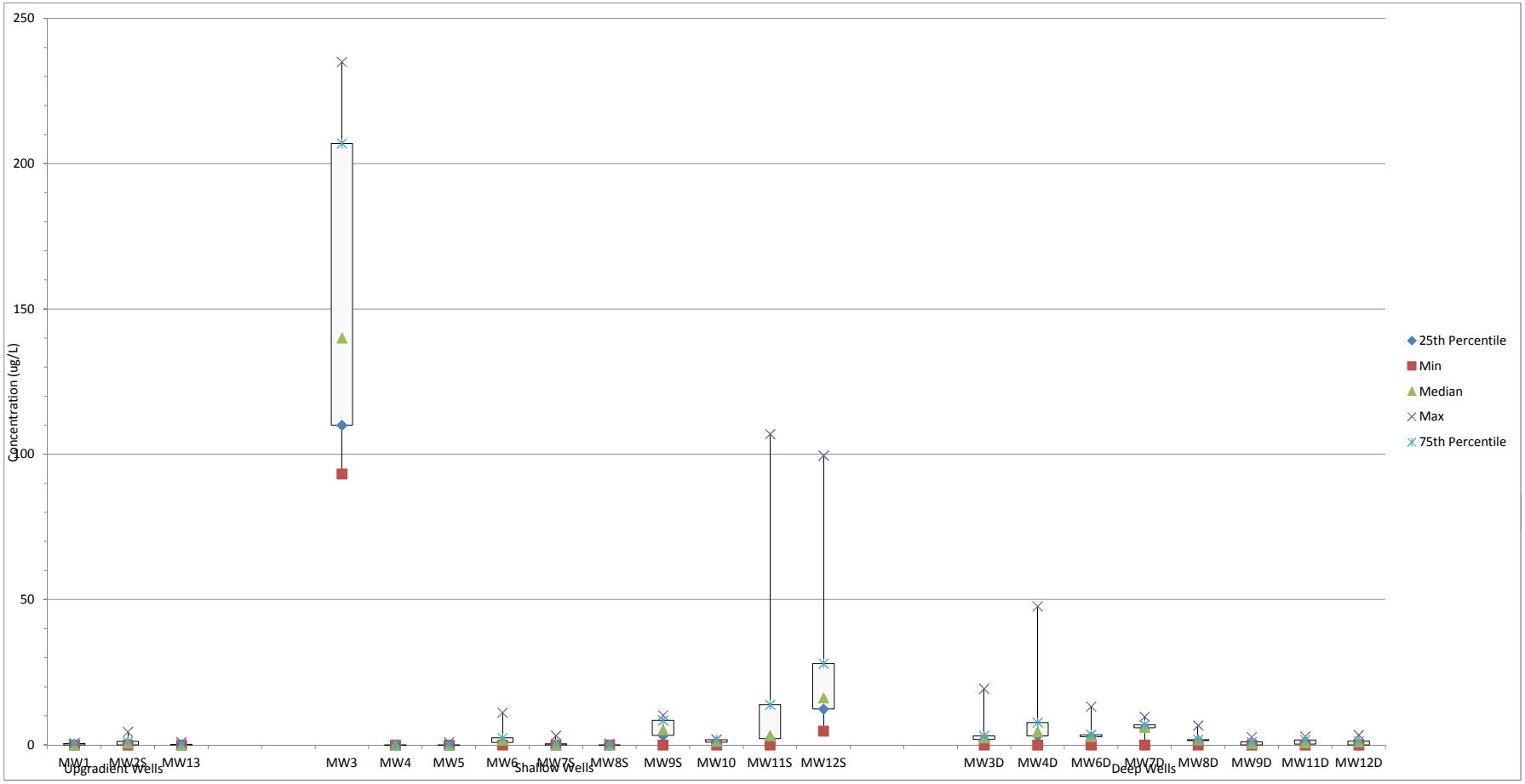
Figure 4-26B Dissolved Nickel Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

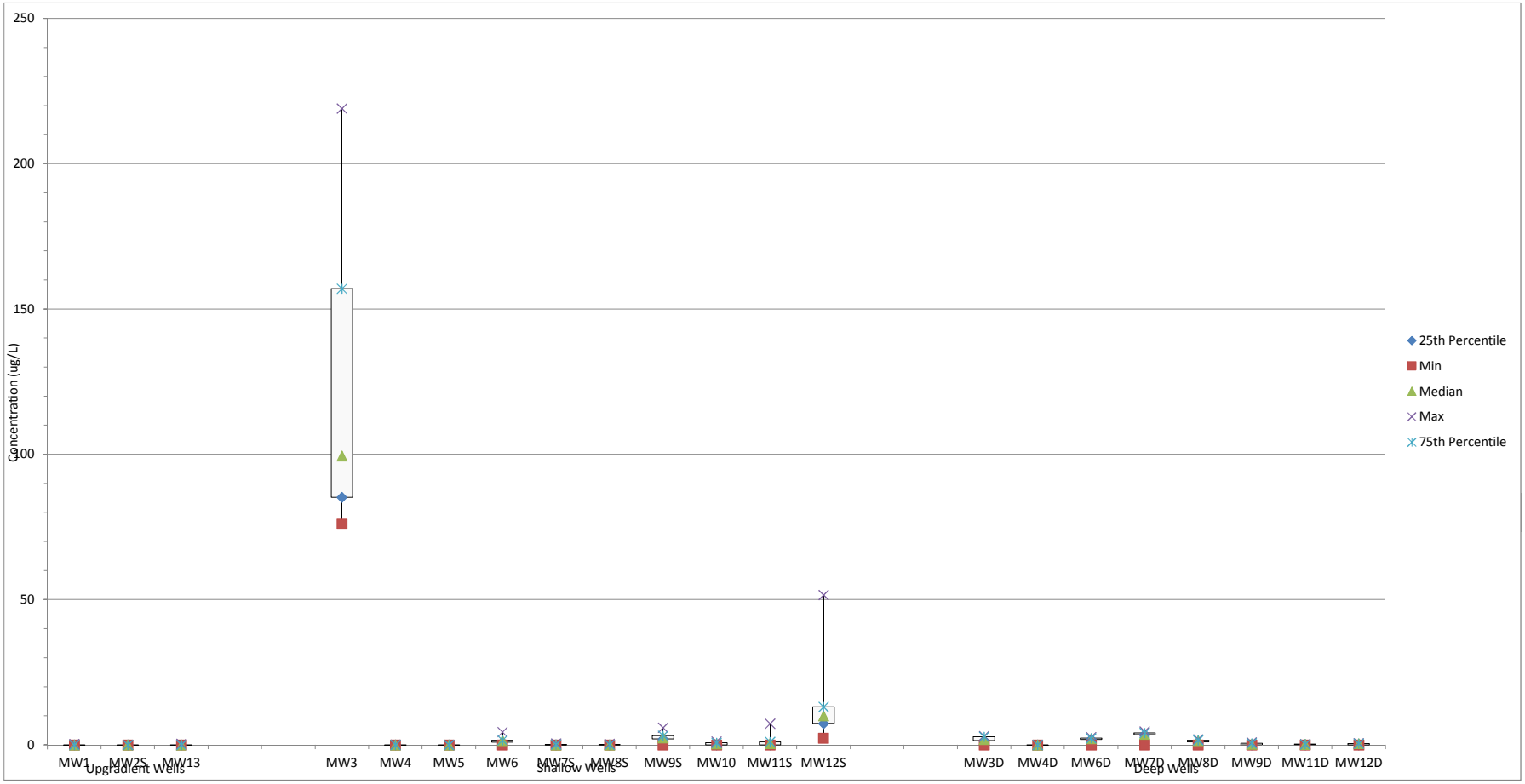
Figure 4-27A Total Vanadium Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

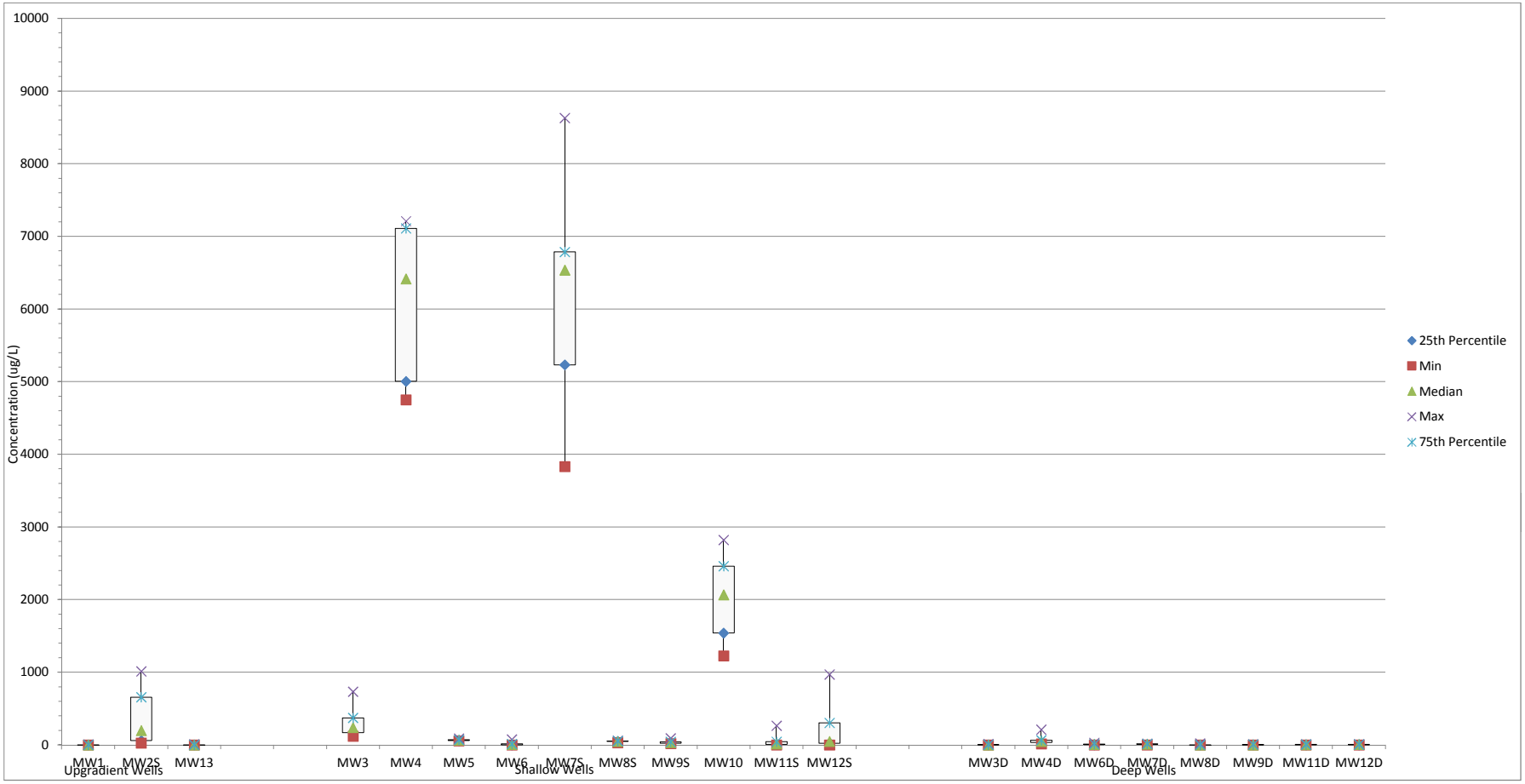
Figure 4-27B Dissolved Vanadium Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

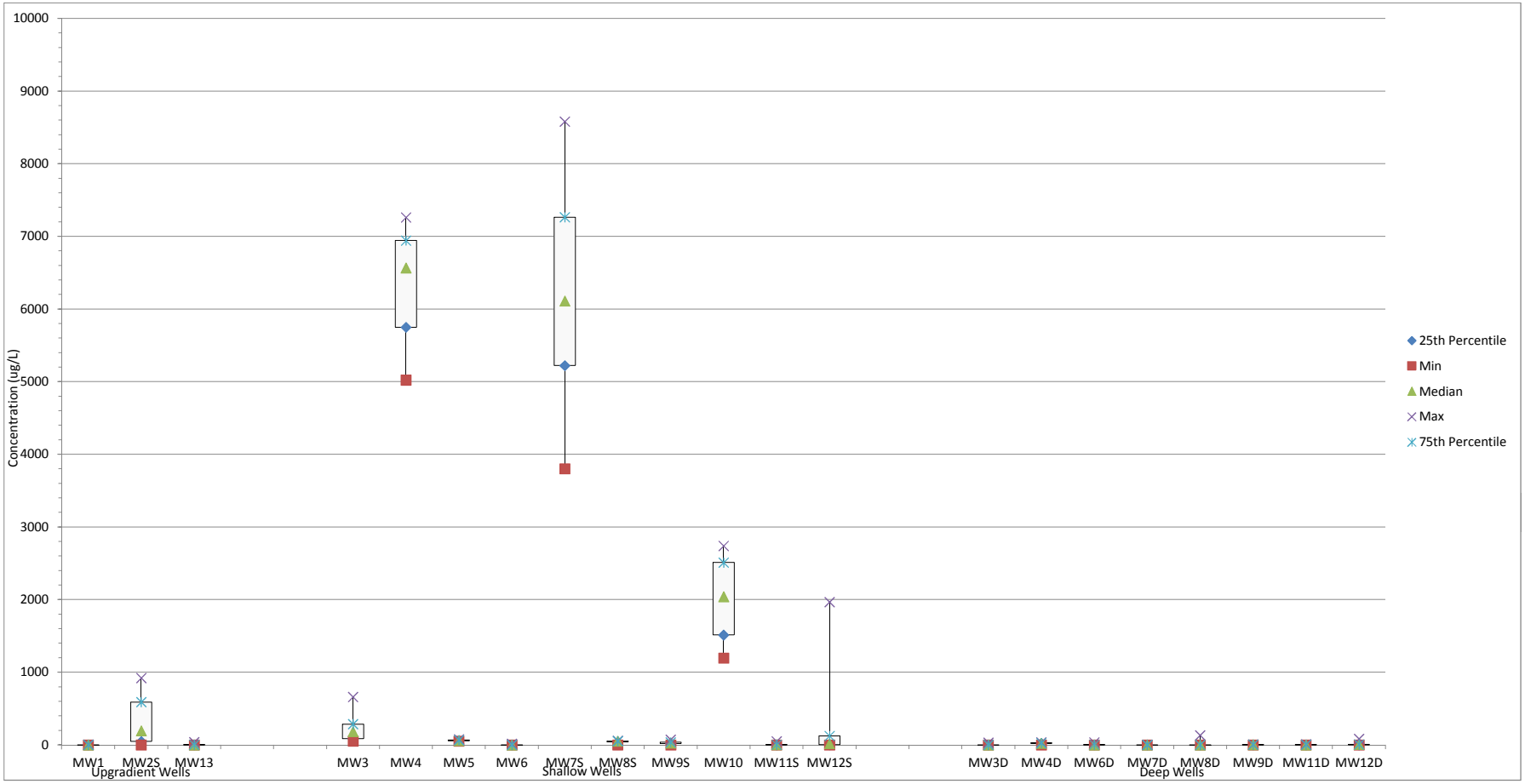
Figure 4-28A Total Zinc Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

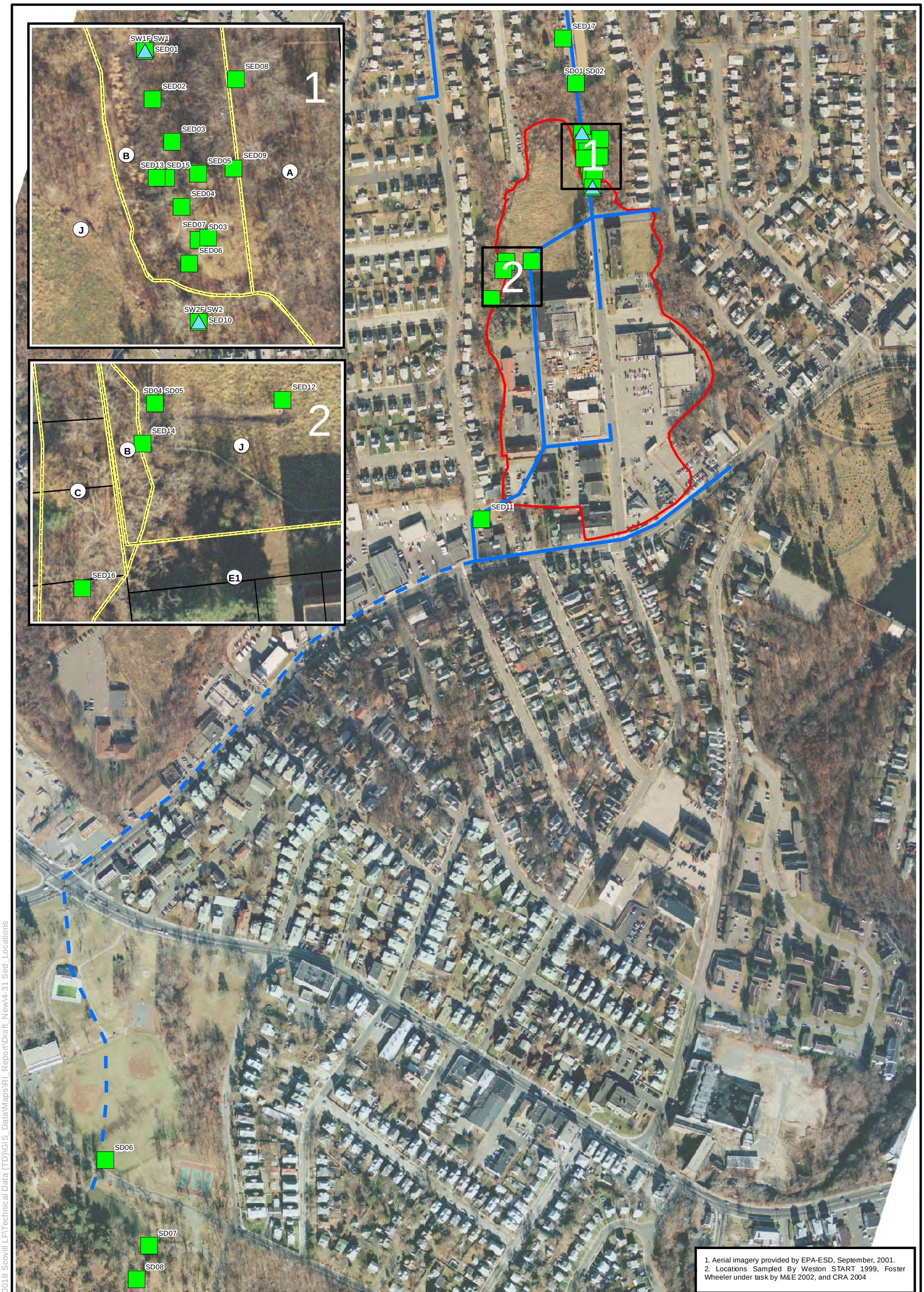
1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.

Figure 4-28B Dissolved Zinc Results in Overburden Groundwater
Scovill Industrial Landfill
Waterbury, Connecticut



Notes:

1) Non-detect results were assigned a value of 0 ug/L for evaluation purposes.
2) Each result of a field duplicate pair were included.



N

Drawn By: JH	Checked By: BA
Date: March 2013	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 450 600 Feet

Sediment Sample Locations
Surface Water Sample Locations
Estimated Limit of Scovill Derived/Placed Fill
Underground Route of Carrington Brook/Storm Drain
Estimated Route of Carrington Brook/Storm Drain

FIGURE 4-29
Surface Water and Sediment Sample Locations
Scovill Industrial Landfill
Waterbury, CT

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R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\GIS_Data\Maps\RI_Report\Draft_New\4-31 Sed_Locations

APPENDIX A

Appendix A
EPA Mobile Lab Test Results - Immunoassay PAH Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

SURVEY_NAME	SAMPLE_NUMBER	SAMPLE_ID	ANALYSIS_NAME	MATRIX	ANALYSIS_UNIT	COMBINATION_RESULT	ANALYTE_MDL	COLLECTION DATE
SCOVILL	SB121 13-19	AA89300	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB121 20-22	AA89301	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB122 5-7	AA89302	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB122 15-17	AA89303	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB122 9-11	AA89304	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB150 5-7	AA89305	Field PAH by Immunoassay	Soil	PPM	>5	5	10/23/08
SCOVILL	SB150 9-13	AA89306	Field PAH by Immunoassay	Soil	PPM	>5	5	10/23/08
SCOVILL	SB150 15-17	AA89307	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB120 5-7	AA89308	Field PAH by Immunoassay	Soil	PPM	>5	5	10/23/08
SCOVILL	SB120 10-12	AA89309	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB120 14-16	AA89310	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB120 18-20	AA89311	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB119 5-7	AA89312	Field PAH by Immunoassay	Soil	PPM	>5	5	10/23/08
SCOVILL	SB119 10-12	AA89313	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/24/08
SCOVILL	SB119 14-16	AA89314	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/24/08
SCOVILL	SB119 18-20	AA89315	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/24/08
SCOVILL	SB125 5-7	AA89316	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/24/08
SCOVILL	SB125 10-12	AA89317	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/24/08
SCOVILL	SB125 14-16	AA89318	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/24/08
SCOVILL	SB125 18-20	AA89319	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/24/08
SCOVILL	SB124 5-7	AA89320	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/24/08
SCOVILL	SB124 10-12	AA89321	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/24/08
SCOVILL	SB124 14-16	AA89322	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/24/08
SCOVILL	SB124 18-20	AA89323	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB154 5-7	AA89324	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB154 9-13	AA89325	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB154 15-17	AA89326	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB151 5-7	AA89327	Field PAH by Immunoassay	Soil	PPM	>5	5	10/27/08
SCOVILL	SB151 9-11	AA89328	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB151 15-17	AA89329	Field PAH by Immunoassay	Soil	PPM	>5	5	10/27/08
SCOVILL	SB151 17-19	AA89330	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB128 2-4	AA89331	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB130 2-4	AA89332	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB108 5-7	AA89333	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB108 9-11	AA89334	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08

Appendix A
EPA Mobile Lab Test Results - Immunoassay PAH Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

SURVEY_NAME	SAMPLE_NUMBER	SAMPLE_ID	ANALYSIS_NAME	MATRIX	ANALYSIS_UNIT	COMBINATION_RESULT	ANALYTE_MDL	COLLECTION DATE
SCOVILL	SB152 5-7	AA89335	Field PAH by Immunoassay	Soil	PPM	>5	5	10/27/08
SCOVILL	SB152 9-11	AA89336	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB152 11-13	AA89337	Field PAH by Immunoassay	Soil	PPM	5	5	10/27/08
SCOVILL	SB153 5-7	AA89338	Field PAH by Immunoassay	Soil	PPM	>5	5	10/27/08
SCOVILL	SB153 12-17	AA89339	Field PAH by Immunoassay	Soil	PPM	>5	5	10/27/08
SCOVILL	SB146 5-7	AA89340	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB146 10-12	AA89341	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB146 14-16	AA89342	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/27/08
SCOVILL	SB126 5-7	AA89343	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB126 10-12	AA89344	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB126 14-16	AA89345	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB126 18-20	AA89346	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB117 5-7	AA89347	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB117 10-12	AA89348	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB117 14-16	AA89349	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB117 18-20	AA89350	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB162 5-7	AA89351	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB162 10-12	AA89352	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB162 14-16	AA89353	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB162 18-20	AA89354	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB155 5-7	AA89355	Field PAH by Immunoassay	Soil	PPM	>5	5	10/28/08
SCOVILL	SB155 10-12	AA89356	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB155 14-16	AA89357	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB155 18-20	AA89358	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB161 5-7	AA89359	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB161 10-12	AA89360	Field PAH by Immunoassay	Soil	PPM	>5	5	10/28/08
SCOVILL	SB143 5-7	AA89361	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/28/08
SCOVILL	SB143 10-12	AA89362	Field PAH by Immunoassay	Soil	PPM	>5	5	10/28/08
SCOVILL	SB143 14-16	AA89363	Field PAH by Immunoassay	Soil	PPM	>5	5	10/29/08
SCOVILL	SB143 18-20	AA89364	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB156 5-7	AA89365	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB156 10-12	AA89366	Field PAH by Immunoassay	Soil	PPM	>5	5	10/29/08
SCOVILL	SB156 14-16	AA89367	Field PAH by Immunoassay	Soil	PPM	>5	5	10/29/08
SCOVILL	SB156 18-20	AA89368	Field PAH by Immunoassay	Soil	PPM	>5	5	10/29/08
SCOVILL	SB110 5-7	AA89369	Field PAH by Immunoassay	Soil	PPM	>5	5	10/29/08

Appendix A
EPA Mobile Lab Test Results - Immunoassay PAH Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

SURVEY_NAME	SAMPLE_NUMBER	SAMPLE_ID	ANALYSIS_NAME	MATRIX	ANALYSIS_UNIT	COMBINATION_RESULT	ANALYTE_MDL	COLLECTION DATE
SCOVILL	SB110 9-11	AA89370	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB110 15-17	AA89371	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB109 7-9	AA89372	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB109 9-11	AA89373	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB109 15-17	AA89374	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB149 5-7	AA89375	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB149 9-11	AA89376	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB149 15-17	AA89377	Field PAH by Immunoassay	Soil	PPM	>5	5	10/29/08
SCOVILL	SB169 5-7	AA89378	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB169 10-12	AA89379	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB169 14-16	AA89380	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB169 18-20	AA89381	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB144 5-7	AA89382	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB144 10-12	AA89383	Field PAH by Immunoassay	Soil	PPM	>5	5	10/29/08
SCOVILL	SB144 14-16	AA89384	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB144 18-20	AA89385	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB171 5-7	AA89386	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB171 10-12	AA89387	Field PAH by Immunoassay	Soil	PPM	>5	5	10/29/08
SCOVILL	SB171 14-16	AA89388	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB171 18-20	AA89389	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB113 5-7	AA89390	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB113 10-12	AA89391	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB115 5-7	AA89392	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB115 10-12	AA89393	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB115 14-16	AA89394	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB115 18-20	AA89395	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB139 5-7	AA89396	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB139 7-9	AA89397	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB139 9-11	AA89398	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB116 5-7	AA89399	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB116 10-12	AA89400	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB116 14-16	AA89401	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB116 18-20	AA89402	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/29/08
SCOVILL	SB139 14-16	AA89403	Field PAH by Immunoassay	Soil	PPM	>5	5	10/30/08
SCOVILL	SB148 5-7	AA89404	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08

Appendix A
EPA Mobile Lab Test Results - Immunoassay PAH Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

SURVEY_NAME	SAMPLE_NUMBER	SAMPLE_ID	ANALYSIS_NAME	MATRIX	ANALYSIS_UNIT	COMBINATION_RESULT	ANALYTE_MDL	COLLECTION DATE
SCOVILL	SB148 7-9	AA89405	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB148 11-13	AA89406	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB148 15-17	AA89407	Field PAH by Immunoassay	Soil	PPM	>5	5	10/30/08
SCOVILL	SB142 5-7	AA89408	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB142 9-11	AA89409	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB142 15-17	AA89410	Field PAH by Immunoassay	Soil	PPM	>5	5	10/30/08
SCOVILL	SB142 19-21	AA89411	Field PAH by Immunoassay	Soil	PPM	>5	5	10/30/08
SCOVILL	SB106 5-7	AA89412	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB106 10-12	AA89413	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB147 9-11	AA89414	Field PAH by Immunoassay	Soil	PPM	>5	5	10/30/08
SCOVILL	SB147 11-3	AA89415	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB147 15-17	AA89416	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB168 5-7	AA89417	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB168 10-12	AA89418	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB168 14-16	AA89419	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB168 18-20	AA89420	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB140 5-7	AA89421	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB140 9-11	AA89422	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/30/08
SCOVILL	SB141 5-7	AA89423	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB141 9-11	AA89424	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB141 15-17	AA89425	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB118 5-7	AA89426	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB118 10-12	AA89427	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB118 14-16	AA89428	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB118 18-20	AA89429	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB140 11-13	AA89430	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB140 15-17	AA89431	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB107 5-7	AA89432	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB107 10-12	AA89433	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB107 14-16	AA89434	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB107 18-20	AA89435	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB138 5-7	AA89436	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB138 10-12	AA89437	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB138 14-16	AA89438	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB114 5-7	AA89439	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08

Appendix A
EPA Mobile Lab Test Results - Immunoassay PAH Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

SURVEY_NAME	SAMPLE_NUMBER	SAMPLE_ID	ANALYSIS_NAME	MATRIX	ANALYSIS_UNIT	COMBINATION_RESULT	ANALYTE_MDL	COLLECTION DATE
SCOVILL	SB114 10-12	AA89440	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB114 14-16	AA89441	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/31/08
SCOVILL	SB114 18-20	AA89442	Field PAH by Immunoassay	Soil	PPM	>5	5	10/31/08
SCOVILL	SB111 5-7	AA89443	Field PAH by Immunoassay	Soil	PPM	>5	5	11/03/08
SCOVILL	SB111 9-11	AA89444	Field PAH by Immunoassay	Soil	PPM	>5	5	11/03/08
SCOVILL	SB111 15-17	AA89445	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/03/08
SCOVILL	SB160 5-7	AA89446	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/03/08
SCOVILL	SB160 9-11	AA89447	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/03/08
SCOVILL	SB160 15-17	AA89448	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/03/08
SCOVILL	SB159 5-7	AA89449	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/03/08
SCOVILL	SB159 9-11	AA89450	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/03/08
SCOVILL	SB159 15-17	AA89451	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/03/08
SCOVILL	SB159 19-21	AA89452	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/03/08
SCOVILL	SB157 5-7	AA89453	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/04/08
SCOVILL	SB157 9-11	AA89454	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/04/08
SCOVILL	SB157 15-17	AA89455	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/04/08
SCOVILL	SB112 5-7	AA89456	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/04/08
SCOVILL	SB112 5-7 Lab Dup	AA89457	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/04/08
SCOVILL	SB112 10-12	AA89458	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/04/08
SCOVILL	SB137 5-7	AA89459	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/04/08
SCOVILL	SB137 10-12	AA89460	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/04/08
SCOVILL	SB137 14-16	AA89461	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/04/08
SCOVILL	SB136 5-7	AA89462	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/04/08
SCOVILL	SB130 5-7	AA89463	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/06/08
SCOVILL	SB130 10-12	AA89464	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/06/08
SCOVILL	SB135 5-7	AA89465	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/06/08
SCOVILL	SB129 5-7	AA89466	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/06/08
SCOVILL	SB129 10-12	AA89467	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	11/06/08
SCOVILL	SB166 0-2	AA89273	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/21/08
SCOVILL	SB166 5-7	AA89274	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/21/08
SCOVILL	SB166 10-12	AA89275	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/21/08
SCOVILL	SB163 0-2	AA89276	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/21/08
SCOVILL	SB163 5-7	AA89277	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/21/08
SCOVILL	SB163 12-14	AA89278	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/21/08
SCOVILL	SB164 5-7	AA89279	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/21/08

Appendix A
EPA Mobile Lab Test Results - Immunoassay PAH Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

SURVEY_NAME	SAMPLE_NUMBER	SAMPLE_ID	ANALYSIS_NAME	MATRIX	ANALYSIS_UNIT	COMBINATION_RESULT	ANALYTE_MDL	COLLECTION DATE
SCOVILL	SB164 9-13	AA89280	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/21/08
SCOVILL	SB164 17-19	AA89281	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/21/08
SCOVILL	SB165 5-7	AA89282	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/21/08
SCOVILL	SB145 5-7	AA89283	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/22/08
SCOVILL	SB145 7-9	AA89284	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/22/08
SCOVILL	SB145 10-12	AA89285	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/22/08
SCOVILL	SB145 15-17	AA89286	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/22/08
SCOVILL	SB145 20-22	AA89287	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/22/08
SCOVILL	SB165 10-12	AA89288	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/22/08
SCOVILL	SB127 5-9	AA89289	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/22/08
SCOVILL	SB127 12-14	AA89290	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/22/08
SCOVILL	SB123 5-7	AA89291	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/22/08
SCOVILL	SB123 5-7 Lab Dup	AA89292	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/22/08
SCOVILL	SB123 12-14	AA89293	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB128 5-7	AA89294	Field PAH by Immunoassay	Soil	PPM	>5	5	10/23/08
SCOVILL	SB128 7-9	AA89295	Field PAH by Immunoassay	Soil	PPM	>5	5	10/23/08
SCOVILL	SB128 12-14	AA89296	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB128 15-19	AA89297	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB121 5-7	AA89298	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08
SCOVILL	SB121 9-13	AA89299	Field PAH by Immunoassay	Soil	PPM	ND(5)	5	10/23/08

Appendix A
EPA Mobile Lab Test Results -PCB Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

		Aroclor-1254		Aroclor-1260	
SAMPLE_NUMBER	SAMPLE_ID	mg/Kg		mg/Kg	
CAP01 2-4'	AA89685	0.1	U	0.1	U
CAP01 5-7'	AA89686	0.1	U	0.1	U
CAP01 10-12'	AA89687	0.1	U	0.1	U
CAP01 14-16'	AA89688	0.1	U	0.1	U
CAP01 18-20'	AA89689	0.1	U	0.1	U
CAP01 18-20' LAB DUP	AA89690	0.1	U	0.1	U
CAP02 2-4'	AA89691	0.2	U	0.1	U
CAP02 5-7'	AA89692	0.2	U	0.3	
CAP02 10-12'	AA89693	0.1	U	0.1	U
CAP02 14-16'	AA89694	0.1	U	0.1	U
CAP02 18-20'	AA89695	0.1	U	0.1	U
CAP03 2-4'	AA89676	45		8	U
CAP03 5-7'	AA89677	0.1		0.1	U
CAP03 10-12'	AA89678	0.1	U	0.1	U
CAP03 14-16'	AA89679	0.1	U	0.1	U
CAP03 18-20'	AA89680	0.1	U	0.1	U
CAP04 2-4'	AA89681	13		4.2	
CAP04 5-7'	AA89682	139		18	U
CAP04 10-12'	AA89683	2		2.1	
CAP04 14-16'	AA89684	0.1	U	0.1	U
CAP05 5-7'	AA89696	0.1	U	0.1	U
CAP05 10-12'	AA89697	0.2	U	0.2	
CAP05 14-16'	AA89698	0.1		0.1	
CAP06 5-7'	AA89713	0.9		0.1	U
CAP06 10-12'	AA89714	0.1	U	0.1	U
CAP06 14-16'	AA89715	0.1	U	0.1	U
CAP06 18-20'	AA89716	0.1	U	0.1	U
CAP07 5-7'	AA89717	0.1	U	0.1	U
CAP07 10-12'	AA89718	0.1	U	0.1	U
CAP07 14-16'	AA89719	0.5	U	0.14	
CAP07 18-20'	AA89720	0.1	U	0.1	U
CAP08 5-7'	AA89699	0.4	U	0.3	
CAP08 10-12'	AA89700	0.4	U	0.3	
CAP08 14-16'	AA89701	3.7		1.1	
CAP08 18-20'	AA89702	0.2	U	0.1	U
CAP09 5-7'	AA89707	3.7		2.5	
CAP09 10-12'	AA89708	2.2		1.8	
CAP10 5-7'	AA89703	9		1.5	U
CAP10 10-12'	AA89704	0.2	U	0.18	
CAP10 14-16'	AA89705	0.1	U	0.05	
CAP10 18-20'	AA89706	0.1	U	0.1	U
CAP11-0507	AA89724	0.3	U	0.3	
CAP11-1012	AA89725	0.3		0.14	
CAP11-1416	AA89726	0.1	U	0.1	U

Appendix A
EPA Mobile Lab Test Results -PCB Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

		Aroclor-1254		Aroclor-1260	
SAMPLE_NUMBER	**SAMPLE_ID**	**mg/Kg**		**mg/Kg**	
CAP11-1416 LAB DUP	AA89730	0.1	U	0.1	U
CAP11-1820	AA89727	0.1	U	0.3	
CAP12 5-7'	AA89754	0.1	U	0.1	U
CAP12 8.5-10.5'	AA89755	0.1	U	0.1	U
CAP13-0203	AA89721	0.9		0.5	
CAP14-0507	AA89722	0.1	U	0.1	U
CAP15 5-7'	AA89752	0.1	U	0.1	U
CAP15 9.5-11.5	AA89753	0.1	U	0.1	U
CAP16-0507	AA89728	0.5	U	2.1	
CAP16-1012	AA89729	0.2		0.4	
CAP16-1416	AA89731	0.1	U	0.1	U
CAP16-1820	AA89732	0.1	U	0.1	U
CAP17 5-7'	AA89756	0.3	U	0.6	
CAP18 5-7'	AA89748	0.1	U	0.2	
CAP18 10-12'	AA89749	0.8	U	2.7	
CAP18 14-16'	AA89750	0.1	U	0.1	U
CAP19 5-7	AA89745	0.3	U	1	
CAP19 10-12	AA89746	0.2	U	0.3	U
CAP19 14-16'	AA89757	0.1	U	0.1	U
CAP19 18-20	AA89747	0.1	U	0.1	U
CAP20 2-3'	AA89751	0.2	U	0.2	
CAP21-0507	AA89733	0.2	U	0.1	U
CAP21-1012	AA89734	0.1	U	0.1	U
CAP21-1416	AA89735	0.1	U	0.1	U
CAP21-1820	AA89736	0.1	U	0.1	U
CAP22-0507	AA89743	0.1	U	0.1	U
CAP23-0507	AA89741	0.2	U	0.5	
CAP23-0507	AA89744	0.2	U	0.3	
CAP24-0507	AA89742	0.1	U	0.1	U
CAP25 5-7	AA89737	0.1	U	0.1	U
CAP25 10-12	AA89738	0.1	U	0.1	U
CAP25 14-16	AA89739	0.1	U	0.1	U
CAP25 14-16 LAB DUP	AA89740	0.1	U	0.1	U

Notes:
U - Substance was not detected, reporting limit presented

Appendix A
EPA Mobile Lab Test Results - Metals XRF Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

SAMPLE_NUMBER	SAMPLE_ID	Arsenic mg/Kg	Qualifier	Chromium mg/Kg	Qualifier	Copper mg/Kg	Qualifier	Lead mg/Kg	Qualifier	Nickel mg/Kg	Qualifier	Zinc mg/Kg	Qualifier
CAP01 2-4'	AA89783	20	U	18	U	1413		268		34	U	4123	
CAP01 5-7'	AA89784	20	U	58		1497		245		141		3583	
CAP01 10-12'	AA89785	19	U	56		2021		229		107		7961	
CAP01 14-16'	AA89786	9	U	16		41		43		37		279	
CAP01 18-20'	AA89787	9	U	44		18		22		46		54	
CAP02 2-4'	AA89788	38	U	27		3324		976		62		8178	
CAP02 5-7'	AA89789	17	U	81		3533		181		325		2589	
CAP02 10-12'	AA89790	6	U	17	U	68		14		741		155	
CAP02 14-16'	AA89791	8	U	14	U	235		59		345		670	
CAP02 18-20'	AA89792	7	U	20	U	215		47		853		208	
CAP03 2-4'	AA89773	16	U	77		742		150		197		964	
CAP03 5-7'	AA89774	14	U	221		1204		140		1074		1797	
CAP03 10-12'	AA89775	39	U	833		2736		1217		1034		2308	
CAP03 14-16'	AA89776	9	U	32		25		25		34		58	
CAP03 18-20'	AA89777	9	U	49		42		27		40		67	
CAP04 2-4'	AA89778	20	U	78		1311		270		176		1057	
CAP04 5-7'	AA89779	19	U	75		1456		241		136		1249	
CAP04 10-12'	AA89780	18	U	83		1391		204		130		1108	
CAP04 14-16'	AA89781	12	U	22	U	177		76		143		125	
CAP04 18-20'	AA89782	8	U	18		15	U	17		28	U	18	
CAP05 5-7'	AA89793	7	U	32		828		33		1141		910	
CAP05 10-12'	AA89794	9	U	24		178		61		502		382	
CAP05 14-16'	AA89795	8	U	21	U	31		20		116		77	
CAP06 5-7'	AA89812	26	U	152		2909		427		188		4740	
CAP06 10-12'	AA89813	14	U	69		479		121		69		739	
CAP06 14-16'	AA89814	9	U	34		27		22		31	U	81	
CAP06 18-20'	AA89815	8	U	27		23		14		37		55	
CAP07 5-7'	AA89816	20	U	54		2476		244		94		8325	
CAP07 10-12'	AA89817	21	U	49		164		305		62		639	
CAP07 14-16'	AA89818	8	U	18	U	96		34		421		189	
CAP07 18-20'	AA89820	8	U	22		34		18		30	U	49	

Appendix A
EPA Mobile Lab Test Results - Metals XRF Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

SAMPLE_NUMBER	SAMPLE_ID	Arsenic mg/Kg	Qualifier	Chromium mg/Kg	Qualifier	Copper mg/Kg	Qualifier	Lead mg/Kg	Qualifier	Nickel mg/Kg	Qualifier	Zinc mg/Kg	Qualifier
CAP08 5-7	AA89797	14	U	41		1106		116		152		923	
CAP08 5-7 LAB DUP	AA89798	14	U	56		925		106		140		958	
CAP08 10-12'	AA89799	16	U	60		1218		167		171		1299	
CAP08 14-16'	AA89800	17	U	60		828		191		75		782	
CAP08 18-20'	AA89801	8	U	40		27		18		45		57	
CAP09 5-7	AA89806	18	U	73		1675		203		208		1487	
CAP09 10-12	AA89807	16	U	151		1190		156		147		984	
CAP10 5-7'	AA89802	13	U	28		349		111		65		490	
CAP10 10-12'	AA89803	15	U	31		273		142		192		405	
CAP10 14-16'	AA89804	9	U	32		44		27		39		74	
CAP10 18-20'	AA89805	9	U	32		224		27		49		141	
CAP11-0507	AA89823	12	U	231		647		78		35	U	463	
CAP11-1012	AA89824	12	U	86		538		78		41		508	
CAP11-1416	AA89825	8	U	19	U	15	U	17		28	U	41	
CAP11-1820	AA89826	10	U	41		188		44		83		416	
CAP12 5-7'	AA89854	10	U	30		344		38		34	U	121	
CAP12 8.5-10.5'	AA89855	10	U	35		191		47		34	U	242	
CAP13-0203	AA89821	13	U	24		826		93		46		458	
CAP14-0507	AA89822	10	U	36		407		36		416		1657	
CAP15 5-7'	AA89852	10	U	38		150		34		33	U	158	
CAP15 9.5-11.5	AA89853	8	U	30		14	U	21		27	U	54	
CAP16-0507	AA89827	22	U	64		1096		311		157		1688	
CAP16-0507 LAB DUP	AA89828	22	U	67		1218		348		153		1788	
CAP16-1012	AA89829	11	U	40		544		76		39		615	
CAP16-1416	AA89830	8	U	31		26		14		32	U	50	
CAP16-1820	AA89831	10	U	40		80		17		50	U	166	
CAP17 5-7'	AA89856	21	U	156		3032		287		235		2241	
CAP18 5-7'	AA89848	14	U	104		520		121		1205		467	
CAP18 10-12'	AA89849	29	U	167		9139		487		1359		12787	
CAP18 14-16'	AA89850	8	U	38		18		16		41		52	
CAP19 5-7'	AA89844	15	U	28		1438		127		119		1265	

Appendix A
EPA Mobile Lab Test Results - Metals XRF Analyses
Scovill Industrial Landfill
Waterbury, Connecticut

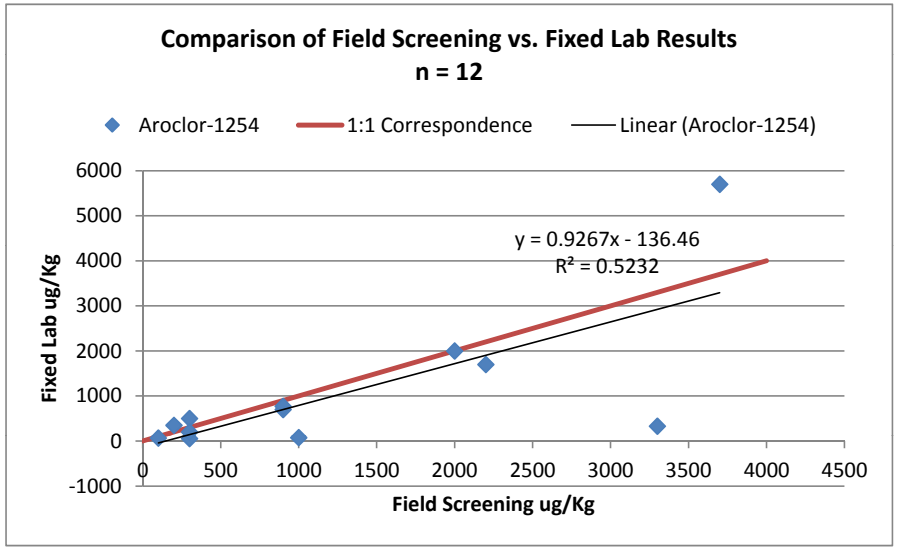
SAMPLE_NUMBER	SAMPLE_ID	Arsenic mg/Kg	Qualifier	Chromium mg/Kg	Qualifier	Copper mg/Kg	Qualifier	Lead mg/Kg	Qualifier	Nickel mg/Kg	Qualifier	Zinc mg/Kg	Qualifier
CAP19 10-12'	AA89845	12	U	56		512		68		49		861	
CAP19 14-16'	AA89846	9	U	54		40		21		33	U	63	
CAP19 18-20'	AA89847	9	U	26	U	43		19		44	U	57	
CAP20 2-3'	AA89851	14	U	32		1145		113		105		850	
CAP21-0507	AA89832	14	U	28		258		111		79		394	
CAP21-1012	AA89833	9	U	35		103		23		32	U	103	
CAP21-1416	AA89834	8	U	41		24		14		31	U	59	
CAP21-1820	AA89835	8	U	18		45		24		27	U	53	
CAP22-0507	AA89842	14	U	61	U	274		115		2595		244	
CAP23-0507	AA89839	12	U	21	U	256		59		36	U	423	
CAP23-0507 LAB DUP	AA89840	11	U	23		195		58		49		407	
CAP23-0507	AA89843	13	U	29		1426		76		36	U	808	
CAP24-0507	AA89841	10	U	23		97		37		34	U	149	
CAP25 5-7'	AA89836	10	U	30		208		50		33	U	258	
CAP25 10-12'	AA89837	8	U	32		17	U	13		37	U	63	
CAP25 14-16'	AA89838	8	U	19	U	23		13		32	U	40	

Notes:
U - Substance was not detected, reporting limit presented

Appendix A
Correlation Summary for PCBS Data
Scovill Industrial Landfill
Waterbury, Connecticut

					Field Screening		Fixed Lab Results			
Date:	Location:	Sample #:	Start Depth:	Chemical:	Result:	Qual.:	Result:	Qual.:	Comparable	RPD
11/11/2008	CAP04	80018-CAP04-101	10	Aroclor-1254	2000		2000	D	LOWER	0.00
11/12/2008	CAP05	80018-CAP05-141	14	Aroclor-1254	100		67	U	LOWER	49.25
11/12/2008	CAP06	80018-CAP06-050	5	Aroclor-1254	900		700	D	LOWER	28.57
11/12/2008	CAP08	80018-CAP08-141	14	Aroclor-1254	3700		5700	DJ	HIGHER	-35.09
11/12/2008	CAP09	80018-CAP09-101	10	Aroclor-1254	2200		1700	D	LOWER	29.41
11/13/2008	CAP11	80018-CAP11-101	10	Aroclor-1254	300		500	J	HIGHER	-40.00
11/12/2008	CAP13	80018-CAP13-020	2	Aroclor-1254	900		770	DJ	LOWER	16.88
11/13/2008	CAP16	80018-CAP16-101	10	Aroclor-1254	200		350		HIGHER	-42.86
10/27/2008	SB149	80018-SB149-151	15	Aroclor-1254	300		55	UJ	LOWER	445.45
10/23/2008	SB150	80018-SB150-050	5	Aroclor-1254	3300		330		LOWER	900.00
10/24/2008	SB153	80018-SB153-050	5	Aroclor-1254	1000		77	J	LOWER	1198.70
10/27/2008	SB171	80018-SB171-101	10	Aroclor-1254	300		200		LOWER	50.00

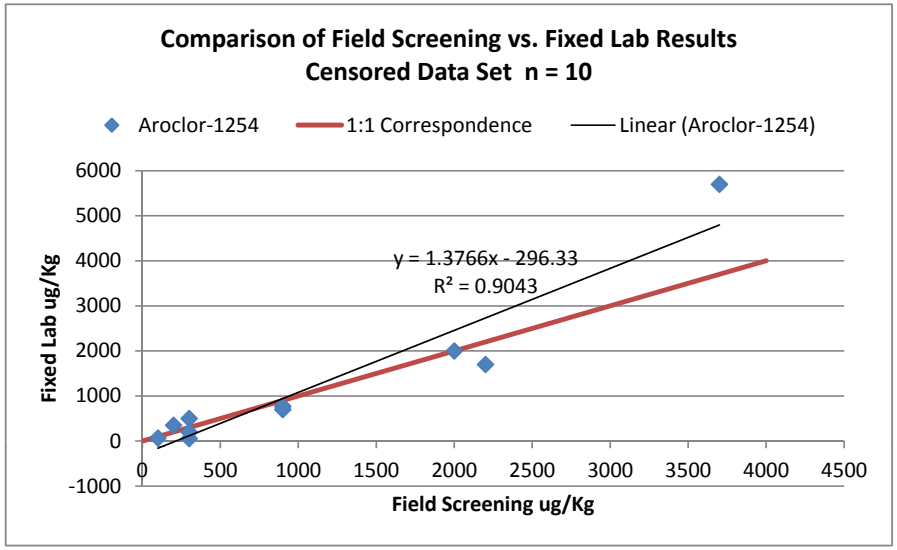
Note - Results were only compared if both field and fixed results were postitive.



Appendix A
Correlation Summary for PCBS Data
Scovill Industrial Landfill
Waterbury, Connecticut

					Field Screening		Fixed Lab Results			
Date:	Location:	Sample #:	Start Depth:	Chemical:	Result:	Qual.:	Result:	Qual.:	Comparable	RPD
11/11/2008	CAP04	80018-CAP04-101	10	Aroclor-1254	2000		2000	D	LOWER	0.00
11/12/2008	CAP05	80018-CAP05-141	14	Aroclor-1254	100		67	U	LOWER	49.25
11/12/2008	CAP06	80018-CAP06-050	5	Aroclor-1254	900		700	D	LOWER	28.57
11/12/2008	CAP08	80018-CAP08-141	14	Aroclor-1254	3700		5700	DJ	HIGHER	-35.09
11/12/2008	CAP09	80018-CAP09-101	10	Aroclor-1254	2200		1700	D	LOWER	29.41
11/13/2008	CAP11	80018-CAP11-101	10	Aroclor-1254	300		500	J	HIGHER	-40.00
11/12/2008	CAP13	80018-CAP13-020	2	Aroclor-1254	900		770	DJ	LOWER	16.88
11/13/2008	CAP16	80018-CAP16-101	10	Aroclor-1254	200		350		HIGHER	-42.86
10/27/2008	SB149	80018-SB149-151	15	Aroclor-1254	300		55	UJ	LOWER	445.45
10/27/2008	SB171	80018-SB171-101	10	Aroclor-1254	300		200		LOWER	50.00

Note - Results were only compared if both field and fixed results were postitive.

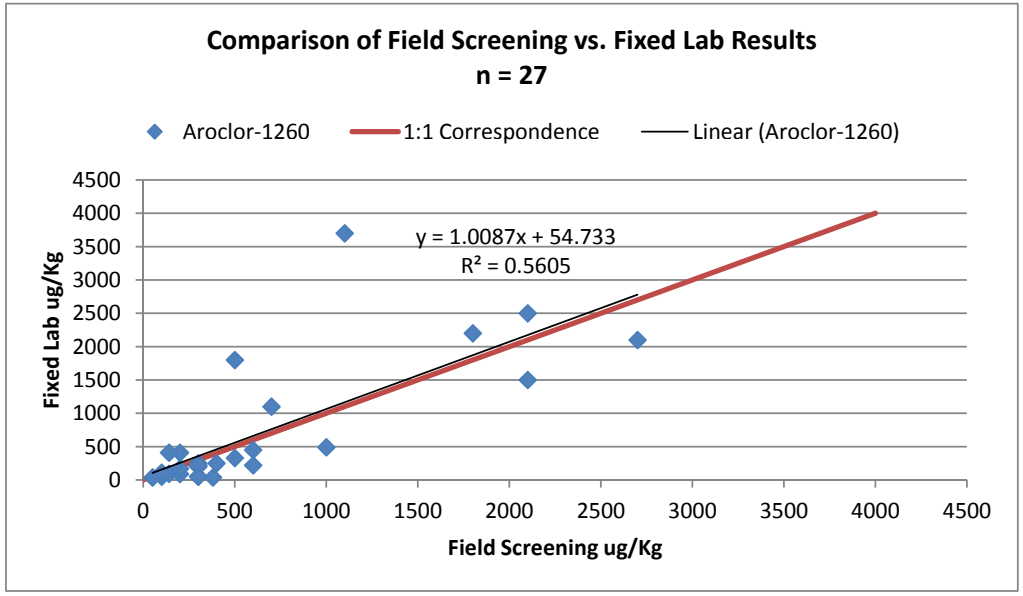


Appendix A
Correlation Summary for PCBS Data
Scovill Industrial Landfill
Waterbury, Connecticut

					Field Screening		Fixed Lab Results			
Date:	Location:	Sample #:	Start Depth:	Chemical:	Result:	Qual.:	Result:	Qual.:	Comparable	RPD
11/11/2008	CAP02	8001-CAP02-0507	5	Aroclor-1260	300		48	J	LOWER	525.00
11/11/2008	CAP04	80018-CAP04-1012	10	Aroclor-1260	2100		2500	DJ	HIGHER	-16.00
11/12/2008	CAP05	80018-CP05-1012	10	Aroclor-1260	200		410	J	HIGHER	-51.22
11/12/2008	CAP05	80018-CAP05-1416	14	Aroclor-1260	100		50		LOWER	100.00
11/12/2008	CAP07	80018-CAP07-1416	14	Aroclor-1260	140		410	J	HIGHER	-65.85
11/12/2008	CAP08	80018-CAP08-0507	5	Aroclor-1260	300		250	J	LOWER	20.00
11/12/2008	CAP08	80018-CAP08-1012	10	Aroclor-1260	300		210	J	LOWER	42.86
11/12/2008	CAP08	80018-CAP08-1416	14	Aroclor-1260	1100		3700	DJ	HIGHER	-70.27
11/12/2008	CAP09	80018-CAP09-1012	10	Aroclor-1260	1800		2200	DJ	HIGHER	-18.18
11/12/2008	CAP10	80018-CAP10-1416	14	Aroclor-1260	50		37	J	LOWER	35.14
11/13/2008	CAP11	80018-CAP11-0507	5	Aroclor-1260	300		200	J	LOWER	50.00
11/13/2008	CAP11	80018-CAP11-1012	10	Aroclor-1260	140		93	J	LOWER	50.54
11/13/2008	CAP11	80018-CAP11-1820	18	Aroclor-1260	300		230	J	LOWER	30.43
11/12/2008	CAP13	80018-CAP13-0203	2	Aroclor-1260	500		1800	DJ	HIGHER	-72.22
11/13/2008	CAP16	80018-CAP16-0507	5	Aroclor-1260	2100		1500	DJ	LOWER	40.00
11/13/2008	CAP16	80018-CAP16-1012	10	Aroclor-1260	400		250	J	LOWER	60.00
11/14/2008	CAP17	80018-CAP17-0507	5	Aroclor-1260	600		450	J	LOWER	33.33
11/14/2008	CAP18	80018-CAP18-0507	5	Aroclor-1260	200		89	J	LOWER	124.72
11/14/2008	CAP18	80018-CAP18-1012	10	Aroclor-1260	2700		2100	D	LOWER	28.57
11/13/2008	CAP19	80018-CAP19-0507	5	Aroclor-1260	1000		490	D	LOWER	104.08
11/13/2008	CAP20	80018-CAP20-0203	2	Aroclor-1260	200		170		LOWER	17.65
11/13/2008	CAP23	80018-CAP23-0507	5	Aroclor-1260	500		330		LOWER	51.52
11/3/2008	SB112	80018-SB112-1012	10	Aroclor-1260	700		1100	D	HIGHER	-36.36
10/27/2008	SB149	80018-SB149-1517	15	Aroclor-1260	300		55	UJ	LOWER	445.45
10/24/2008	SB153	80018-SB153-0507	5	Aroclor-1260	600		220		LOWER	172.73
10/25/2008	SB155	80018-SB155-0507	5	Aroclor-1260	380		38	U	LOWER	900.00
10/27/2008	SB171	80018-SB171-1012	10	Aroclor-1260	100		110		HIGHER	-9.09

Note - Results were only compared if both field and fixed results were postitive.

Appendix A
Correlation Summary for PCBS Data
Scovill Industrial Landfill
Waterbury, Connecticut



APPENDIX B

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP01**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				12 inches of dark brown, SAND and some silt, poorly graded non-plastic , dry, some organics observed, (FILL)followed by, 12 inches of black, SAND and some silt , poorly graded, some ash observed, non-plastic, dry, (FILL)and 12 inches of brown, SAND and some silt, poorly graded, some gravel, non-plastic, moist. (FILL)	
1										
2										
3										
4										
	0408	24	4-8		0.1				Top 6 inches of crushed rock followed by black, SAND and some silt, some to little gravel, poorly graded, non-plastic, moist. (FILL)	
5										
6										
7										
8										
	0812	24	8-12		0.1	▼			6 inches of black, SAND, poorly graded , non-plastic, dry. (FILL) 6 inches of black/white, crushed rock, followed by 12 inches of dark brown, SAND and some silt, non plastic, wet, little gravel observed. (FILL)	
9										
10										
11										
12										
	1216	42	12-16		0.1				Top 18 inch black, SAND and some silt with little gravel, poorly graded, wet, non-plastic, followed by black SAND and some silt,6 inches CLAY layer, plastic, moist.	
13										
14										
15										
16										
	1620	48	16-20		0.1				Top 12 inches brown, SAND, poorly graded, black, saturated, non-plastic. 18 inches of black, SAND and some silt, poorly graded, non-plastic saturated, loose, slight petroleum sheen observed. 12 inches of gray, CLAY, plastic, moist/ 6 inches of brown, SAND and some silt, poorly graded, non-plastic, moist.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:14 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP02**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		2				12 inches of reddish brown, SAND and some silt, poorly graded, moist, non-plastic, dense, some gravel followed by 12 inches of dark brown, SILT with some to little coarse sand, poorly graded, and gravel, dry followed by 6 inches of crushed white rock/brick and 6 inches of dark brown, SAND and some silt, poorly graded, non plastic, dry. (FILL)	
1										
2										
3										
4										
	0408	24	4-8		2.5				Brown to dark brown, SAND and some silt with gravel, poorly graded, non plastic, dry, piece of white plastic found and at 7 feet deep a white/gray fibrous material observed with SILT and CLAY. (FILL)	
5										
6										
7										
8										
	0812	24	8-12		0.1				Black, SAND and some silt, poorly graded, non-plastic, saturated, some ash also observed. (FILL)	
9										
10										
11										
12										
	1216	48	12-16		0.1				Black SAND and some silt, poorly graded, non-plastic, saturated for top 3 feet (FILL) followed by dark brown, moist, 1 inch PEAT layer, slight sheen observed at 10.5bgs and Bottom 6 inches has some CLAY, plastic, moist. (FILL)	
13										
14										
15										
16						▼				
	1620	48	16-20		0.1				Black, SAND and some silt with some to little ash, poorly graded, wet, non-plastic.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:14 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP03**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				2 inches of organics followed by 12 inches of brown, SAND and some silt, poorly graded, non-plastic, wet and 12 inches reddish brown, SAND and some silt, trace to little gravel, poorly graded, non-plastic, moist. 12 inches dark brown, SAND and some silt, poorly graded, non-plastic, dry, crushed white rock, crushed brick piece. (FILL)	
1										
2										
3										
4										
	0408	36	4-8		4.6				Top 2 inches of light brown, SAND and some silt with little to trace gravel, rock, brick pieces, non-plastic, poorly graded, dry, observed followed by 34 inches of black, ash layer, SAND and some silt, poorly graded, non-plastic, dry. Piece of wood at the tip. (FILL)	
5										
6										
7										
8										
	0812	30	8-12		0.1				6 inches of brown, SAND, poorly graded dry, loose, some ash, non-plastic followed by 6 inches of SAND and some silt, poorly graded, moist, non-plastic, pieces of green rock and 15 inches of black, SAND and some silt consisting of ash, poorly graded, wet, non-plastic, petroleum like sheen observed. Bottom 3 inches PEAT layer, organics, silty CLAY with fine sand,plastic, moist.	
9										
10						▼				
11										
12										
	1216	36	12-16		1				Top 1 inch black, SAND, poorly graded, rocky, wet, non-plastic, followed by 12 inches of black, SAND and some silt, poorly graded, plastic, wet, some gravel and brown, SAND and some silt, plastic, dense, moist, possibly some clay. (FILL)	
13										
14										
15										
16										
	1620	48	16-20		0.2				Top 2 feet of black, gravelly SAND and some silt, poorly graded, saturated, non-plastic followed by Loose, brown, SAND and some silt, rocky, poorly graded, non-plastic, moist.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP04**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1	0004	36	0-4		0.1				Top 2 inches of reddish brown, SAND and some silt, little gravel,poorly graded, non-plastic, dry, crushed brick noted in bottom 2 inches. (FILL) followed by 24 inches of dark brown, SAND and some silt, moist, little coarse sand and gravel, non-plastic, brick and wood noted in sample. (FILL)	
2										
3										
4										
5	0408	36	4-8		0.1				Top 6 inches of roots/wood followed by 30 inches of dark brown, SILT , some fine sand, trace coarse to medium sand, gravel, poorly graded, non-plastic, brick and concrete noted in sample. (FILL)	
6										
7										
8										
9	0812	36	8-12		0.1				Dark brown,SAND with little silt, mostly fine sand, little medium sand, coarse sand, gravel, silt, trace gravel and organics, poorly graded, Concrete noted in top of sample moist to wet (FILL)	
10										
11										
12						▼				
13	1216	48	12-16		0.1				Top 3.5 feet similar to (0812) sample.	
14										
15										
16										
17	1620	42	16-20		0.1				Bottom 0.5 feet light brown, SAND with little silt, mostly medium sand, little fine and coarse sand, trace silt and gravel, wet. (ALLUVIUM)	
18										
19									Top 2 feet, similar to bottom 6 inches of S-4. Middle 6 inches of brown SAND and some silt, poorly graded, wet, non-plastic. Bottom 18 inches of brown, poorly graded SAND, wet, medium sand, little fine to coarse sand, trace silt. (ALLUVIUM)	
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP05**
Boring Location: See Plan

Checked by: CWT
Date Start: November 12, 2008
Date Finish: November 12, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				12 inches brown, SAND and some silt, poorly graded with organics, non-plastic, dry followed by 6 inches of reddish brown, SAND and some silt with gravel, non plastic, dry and 1 feet of fine SAND with crushed rock, non-plastic, dry, brown/white. 3 inches of black ash, SAND and some silt, non-plastic, dry and 3 inches of crushed brick, dry. (FILL)	
1										
2										
3										
4										
	0408	36	4-8		0.1				12 inches of brown, SAND and some silt, non plastic, poorly graded, dry, 2 feet of black ash layer- SAND and some silt, non-plastic, wet. (FILL)	
5										
6										
7										
8										
	0812	48	8-12		0.1				Similar to above (black ash layer), some organics, bottom 3 inches, brown, SAND with little to trace gravel, poorly graded, non-plastic, moist. (FILL)	
9										
10										
11										
12										
	1216	36	12-15		0.1				2 feet of black ash layer followed by 1 foot of brown, SAND, poorly graded, little to trace silt, non-plastic, wet, rock in the tip. (FILL)	
13										
14										
15										
16									Similar to the above. Refusal at 16 feet due to probable cobble/boulder.	
17									Boring terminated at 16 feet.	
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP06**
Boring Location: See Plan

Checked by: CWT
Date Start: November 12, 2008
Date Finish: November 12, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	48	0-4		0.1				Top 2 inches of organics followed by 24 inches of dark brown SAND and some silt, non-plastic, moist. 6 inches gray brown SAND and some silt with gravel, moist and 6 inches of crushed rock, white-light brown, dry, non-plastic, 6 inches of SAND and some silt with gravel, dark brown, non-plastic, brick pieces. (FILL)	
1										
2										
3										
4										
	0408	30	4-8		0.1				6 inches of dark brown, SAND and some silt, non-plastic, moist. 6 inches of black SAND and some silt, non-plastic, moist, pieces of gray , rock and charcoal and 18 inches of dark brown, SAND and some silt, non-plastic, moist, gravel and rock	
5										
6										
7										
8										
	0812	30	8-12		0.2				18 inches of dark brown, SAND and some silt with gravel, moist, non-plastic, followed by 12 inches of dark brown, SAND and some silt, wet, non-plastic. Bottom 3 inches of yellow, moist with gravel, asbestos like fibers/insulation product, (sample collected) piece of charcoal in tip.	
9										
10										
11										
12										
	1216	24	12-16		0.2				6 inches dark brown, SAND and some silt with gravel, moist, non-plastic. 6 inches gray, SILT, moist, moderate plasticity. 6 inches gray, SAND and some silt with trace clay, moist, low plasticity. 6 inches brown, SAND and some silt, poorly graded, moist, non-plastic.	
13										
14										
15										
16										
	1620	48	16-20		1.2				12 inches of black SILT and clay with some fine sand, wet, moderate plasticity. 6 inches of gray, SILT and sand with trace clay, saturated, non plastic,. 6 inches of SAND with gravel, poorly graded, brown, wet, non-plastic.	
17										
18										
19									12 inches of reddish brown, SAND and some silt, moist, non-plastic, and 12 inches of brown, fine to medium SAND, wet, non-plastic.	
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP07**
Boring Location: See Plan

Checked by: CWT
Date Start: November 12, 2008
Date Finish: November 12, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	48	0-4		0				top 2 inches of topsoil, brown, SAND and some silt, poorly graded. 18 inches of brown, SAND and some silt, moist, non-plastic. 12 inches of reddish brown, SAND and some silt with gravel, non-plastic, moist. 12 inches of dark brown, SAND and some silt with gravel/cobble, wood pieces, organics, non-plastic, moist. 4 inch of crushed white rock at the tip. (FILL)	
1										
2										
3										
4										
	0408	30	4-8		0.2				6 inch of reddish brown, SAND and some silt with gravel, non-plastic, moist. 6 inch gray, crushed rock, dry. Black-dark brown, SAND and some silt with gravel, pieces of thin white plastic, coarse pieces of charcoal, non plastic, moist. (FILL)	
5										
6										
7										
8										
	0812	24	8-12		0				12 inches of black SAND and some silt with little to trace gravel, non-plastic, poorly graded, moist. 12 inches of dark brown, SAND and some silt with gravel, low plasticity, wet, splintered wood in the tip, pieces of glass at 6 feet bgs. (FILL)	
9										
10						▼				
11										
12										
	1216	36	12-16						6 inches of dark brown, SAND and some silt with gravel, nonplastic, moist. 6 inches dark brown, SAND and some silt with crushed rock, wet, low plasticity. 12 inches of black ash layer, SAND and some silt , saturated, non-plastic. 12 inches of black ash layer, SAND and some silt with organics, moist, non-plastic. SILT and clay in the tip, moderate plasticity, moist, black. (FILL).	
13										
14										
15										
16										
	1620	48	16-20		0				6 inches of black gravelly SAND non plastic, wet. 6 inches of black, SAND and some silt , non plastic, wet, organics. 12 inches of black SILT and SAND, low plasticity, moist, organics. 6 inches crushed rock. 6 inches light brown, SILT and SAND , low plasticity, moist, dense. 12 inches of light brown, SILT, low plasticity, moist, very dense.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP08**
Boring Location: See Plan

Checked by: CWT
Date Start: November 12, 2008
Date Finish: November 12, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				18 inches of brown, SAND , some silt with organics, low plasticity, moist, poorly graded. 6 inches of reddish brown, SAND, some silt , moist, non plastic. 6 inches of dark brown, SAND, some silt with gravel, moist, non-plastic. 3 inch crushed brick. 3 inches of crushed rock, white-gray.	
1										
2										
3										
4										
	0408	36	4-8		0.3				6 inches of red brown, SAND with some silt, moist, non-plastic. 3 inches of brown, SAND with some silt, moist, non-plastic. 3 inches of crushed, gray rock, possibly cement, dry, wood around 6 feet below ground surface.	
5										
6										
7										
8										
	0812	30	8-12		0.2				6 inch dark brown, SAND with some silt and gravel, non-plastic, moist, 6 inch rock layer, 6 inch dark brown, SAND with silt and, moist to wet,low plasticity.	
9										
10						▼				
11										
12										
	1216	42	12-16		0.1				18 inches dark brown,SAND with some silt, non-plastic, saturated. 12 inches of black,ASH/peat layer, some organics, some rocks, non plastic, saturated. 12 inches of black, poorly graded sand with silty sand at the bottom, non-plastic, wet.	
13										
14										
15										
16										
	1620	48	16-20		0.1				12 inches of dark brown SAND with some silt and gravel, non-plastic, saturated and 12 inches of dark brown, gravelly SAND, rock/cobbles, wet, non-plastic, 12 inches of dark brown, SILT and clay, wet, moderate plasticity. 12 inches of reddish brown, SAND and silt, moist, low plasticity, some rock in the tip.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP09**
Boring Location: See Plan

Checked by: CWT
Date Start: November 12, 2008
Date Finish: November 12, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				12 inches of brown, SAND with some silt , low plasticity, moist, organics , followed by 6 inches of reddish brown, SAND with some silt and gravel, moist, non-plastic. 18 inches of dark brown, SAND with some silt and gravel, moist, non-plastic, crushed rock and a piece of glass in tip.	
1										
2										
3										
4										
	0408	24	4-8		0.1				Similar to above with rock and gravel, crushed glass at the top of sleeve.	
5										
6										
7										
8										
	0812	18	8-11		0.1				Dark brown SAND with some silt, non-plastic, moist, concrete in tip.	
9										
10										
11									Bottom of exploration at 10.5 feet.	
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP10**
Boring Location: See Plan

Checked by: CWT
Date Start: November 12, 2008
Date Finish: November 12, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1	0002	24	0-2		0.1				6 inches of brown, SAND with some silt, a lot of organics, non-plastic, moist and 12 inches of black SAND with some silt and gravel, non-plastic, moist. 6 inches of crushed ROCK, white-gray, dry, concrete in the tip.	
2										
3	0204	24	2-4		0.1				Black ASH layer with crushed rock, non plastic, moist.	
4										
5	0408	24	4-8		0.1				12 inches of brown, SAND with some silt, coarse sand, non-plastic, dry, 6 inches of brown/black, SAND with some silt, crushed rock pieces throughout, non plastic, moist. 6 inches of black, gravelly with some SAND and SILT, pieces of small glass, multi angular pieces of rock, wet.	
6										
7										
8										
9	0812	30	8-12		1.2				6 inches medium to coarse SAND with gravel, non plastic, wet. 12 inches of dark brown, poorly graded SAND with SILT, non-plastic, wet. 6 inches of dark brown/black SILT and clay, medium plasticity, moist. 6 inch crushed white-gray rock, rock piece in the tip.	
10						▼				
11										
12										
13	1216	36	12-16		0.2				6 inch gravelly SAND, non-plastic, wet, piece of metal strip. 12 inches of SAND with some silt, dark brown, non-plastic, saturated. 12 inches of brown, poorly graded SAND with silt, non-plastic, moist. 6 inch gray/brown, SILT and clay layer with gravel, moderate plasticity, moist.	
14										
15										
16										
17	1620	30	16-20		0.3				12 inches of dark brown, poorly graded SAND, non plastic, wet. 6 inches of SAND with some silt and gravel pieces, non-plastic, saturated. 6 inches of brown, gray, poorly graded SAND with gravel, wet, non-plastic. 6 inches of reddish brown, gravelly SAND with fine sand, non-plastic, moist rock in the tip.	
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP11**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				6 inches of brown, SAND with some silt, moist, non-plastic and 6 inches of reddish brown, SAND with some silt, trace gravel, moist, non-plastic. 2 inches of crushed rock, angular, brown, SAND with some silt and cobbles, trace gravel, moist, non-plastic.	
1										
2										
3										
4										
	0408	24	4-8		1.6				4 inches of brown, SAND with some silt, trace coarse sand and gravel, moist, non-plastic. 2 inches crushed rock, some charcoal and PVC pipes observed. 6 inches of white/gray angular rock crushed rock, dry.	
5										
6										
7										
8										
	0812	24	8-12		0.4				12 inches of brown, SAND with some silt and trace gravel, moist, non plastic, pieces of brick, 2 inches of white/yellowish rock/crushed gravel-sand . 6 inches gravel with SILT and SAND, saturated, non-plastic. 8 inches of black ASH layer, SAND with some silt and trace coarse gravel, saturated, non-plastic.	
9										
10						▼				
11										
12										
	1216	36	12-16		0.1				6 inch black ash layer, SAND with some silt, saturated, non-plastic,. 12 inches of gravel with coarse SAND, trace fine sand, saturated, non-plastic, microsized white PVC pieces. 18 inches of light brown, SILT and SAND, moist, non-plastic	
13										
14										
15										
16										
	1620	36	16-19		0.1				3 inch black SAND with some silt and cobbles and gravel, saturated non-plastic, 3 inch black SILT and SAND, saturated, non plastic. 18 inches gray, brown-light brown, SILT and SAND with trace coarse sand, saturated, non-plastic. 6 inches black ash layer, SAND with some silt, trace gravel, saturated, non plastic. 6 inches rock/crushed rock white gray. 6 inch reddish brown, well graded sand, rock, moist, non-plastic.	
17										
18										
19										
20									Refusal at 19 feet below ground surface.	
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP12**
Boring Location: See Plan

Checked by: CWT
Date Start: November 14, 2008
Date Finish: November 14, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: J Fopiano

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	48	0-4		0.1				Brown, fine to medium SAND, some fine to medium gravel, little silt, 3 to 4 feet of moist, organics throughout	
1										
2										
3										
4										
	0408	42	4-8		0.1				Fine to medium SAND, little-some fine gravel, little organics, glass fragments, moist.	
5										
6										
7										
8										
	0812	30	8-10.5		0.1				Similar to (0408) sample. Loose SAND with some silt, trace fine gravel, organics, wet. Refusal at 10.5 feet.	
9										
10										
11						▼			Bottom of exploration at 10.5 feet.	
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP13**
Boring Location: See Plan

Checked by: CWT
Date Start: November 12, 2008
Date Finish: November 12, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0002	24	0-2		0.1				Top 2 inch organics followed by 6 inches of brown, SAND with some silt, non-plastic, moist. 12 inches of reddish brown, SAND with some silt, non-plastic, moist. 6 inches of dark brown, SAND with some silt with gravel, non-plastic, moist.	
1										
2									5 times refusals at 2 feet below ground surface.	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP14**
Boring Location: See Plan

Checked by: CWT
Date Start: November 15, 2008
Date Finish: November 15, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	48	0-4		0.1				12 inches of brown, SAND with some silt and organics, moist, non-plastic	
1									12 inches of reddish, brown, SAND with silt and gravel, non-plastic,moist	
									12 inches of dark brown, SAND with silt and crushed rock, non-plastic, moist.	
2									12 inches of gray, brown, SAND with silt, non-plastic, moist.	
3										
4										
	0407	30	4-7		2.3				12 inches of dark brown, SAND with some silt and gravel, crushed rock, moist, non-plastic.	
5									6 inches black, gravelly SAND with fines, moist, non-plastic.	
					5.1				6 inches of dark brown, SAND with some silt and gravel, moist, non-plastic, pieces of slag, small pieces of metal.	
6										
					3.9				6 inches of gray, black, SAND with silt and gravel, moist, non-plastic, 3 pieces of white fiber.	
7					6					
									Bottom of exploration at 7 feet.	
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP15**
Boring Location: See Plan

Checked by: CWT
Date Start: November 14, 2008
Date Finish: November 14, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Sample Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	Sample Description	Remarks
	0004	42	0-4		0.1				Brown fine to medium SAND with fine to medium gravel, concrete at 2.5 feet, black staining and organic odor at 4 feet.	
1										
2										
3										
4										
	0408	42	4-8		12.4				Black, stained brown fine to medium SAND, little silt, trace fine to medium gravel, moist, organic odors.	
5										
6										
7										
8										
	0812	42	8-11.5		2.6				Similar to S-2, wet, soft, organics and wood pieces followed by gray, silty clay, dense, moist, trace fine to coarse sand.	
9										
10										
11										
12									Refusal at 11.5 feet due to cobble/boulder. Bottom of exploration at 11.5 feet.	
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP16**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0				Top 3 inch dark brown, SAND with some silt, moist, non-plastic, organics. 18 inches reddish brown SAND with some silt and trace gravel, moist, non-plastic, 6 inches crushed rock/rock, gray/white,dry, dark brown, SAND with some silt and trace coarse sand, gravel, moist, non-plastic, gray/white rock in tip.	
1										
2										
3										
4										
	0408	39	4-8		0				Brown, gravelly SAND with some fines, wet, non-plastic,. 18 inches dark brown, SILT with some sand with trace coarse sand, moist, non-plastic, 6 inches crushed brick, brick pieces.	
5										
6										
7										
8										
	0812	18	8-12		0				8 inch cobbles saturated. 8 inch black SAND with some silt, trace gravel, wet, strong paint odor observed.	
9										
					1					
10						▼				
					8.3					
11										
					5.5					
12										
	1216	48	12-16		0.5				6 inches of gravel, crushed rock, cobbles, wet, non-plastic. 6 inches of black SAND with silt and gravel, trace clay, wet, low plasticity, paint thinner odor observed , trace paint brush hairs also were observed with organics, 3 feet of reddish brown, CLAY, wet, high plasticity, trace silt observed.	
13										
					3.6					
14										
					1.1					
15										
16										
	1620	48	16-20		1.1				6 inches of similar to above saturated followed by 6 inches of gravel with SAND with some silt, saturated, black, non-plastic, 6 inches of gravel with silty clay, wet, low plasticity, brown, 18 inches of reddish brown, SAND with silt with gravel, moist, non-plastic.	
17										
					1.9					
18										
					3.3					
19										
20										
									Bottom of exploration at 20 feet.	
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP17**
Boring Location: See Plan

Checked by: CWT
Date Start: November 14, 2008
Date Finish: November 14, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: J Fopiano

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	48	0-4		0.5				Brown, fine to coarse SAND, little fine to medium gravel, wood pieces, concrete at 3.5 to 4 feet.	
1										
2										
3										
4										
	0408	36	4-8		4.5				Brown, fine to medium SAND with periodic black staining little fine to medium gravel, wood pieces and small metal	
5										
6										
7										
8										
	0812	6	8-12		0.1				Brown, wet, fine to medium GRAVEL , sands, loose, poor recovery.	
9										
10										
11										
12										
	1216	0	12-13						No recovery. Refusal at 13 feet.	
13										
14									Bottom of exploration at 13 feet.	
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP18**
Boring Location: See Plan

Checked by: CWT
Date Start: November 14, 2008
Date Finish: November 14, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: J Fopiano

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	42	0-4		0.1				Brown /light brown, fine to medium SAND, trace silt, trace fine to medium gravel, organics throughout, moist.	
1										
2										
3										
4										
	0408	42	4-8		6.6				Light brown, fine to coarse SAND with little fine to coarse gravel. Dark brown, fine SAND, trace fine gravel, periodic black staining and 2 inches of wood at 3.5 feet.	
5										
6										
7										
8										
	0812	30	8-12		1.6				Brown, fine to coarse SAND, little fine to coarse gravel, trace silt, piece of peat, glass, wood, frags, 3 inch metal fragments at 12 feet.	
9										
10						▼				
11										
12										
	1216	36	12-16		1.5				Soft black, silt with fine SAND, petroleum odors, sheen potential product 12.5 to 13.5 feet, wet, glass, pieces gray sandy silt, trace fine gravel, organics, dense, moist.	
13										
14										
15										
16										
									Refusal at 16.5 feet due to cobble or boulder.	
17									Bottom of exploration at 16.5 feet.	
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP19**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				Brown gravel, SAND and concrete	
1										
2										
3										
4										
	0408	30	4-8		0.1				Brown/black, fine to coarse SAND and gravel, wood, concrete fragments, some petroleum odor.	
5										
6										
7										
8										
	0812	30	8-12		6.2				Fine to medium SAND, little fine to coarse gravel, organics, wood, wet, aluminum foil.	
9										
10										
11										
12										
	1216	48	12-16		3.8				24 inches similar to S-3 followed by 24 inches of grayish, brown, clayey silt, medium dense.	
13										
14										
15										
16										
	1620	24	16-20		0.1				Brown ablation till.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP20**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: J Fopiano

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0003	30	0-3		0.1				Brown, medium to coarse gravel with SAND, wood.	
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP21**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				18 inches dark brown, SAND with some silt, organics, moist, non-plastic, 3 inches white rock, crushed rock, dry, 3 inches light brown, poorly graded SAND, dry, non-plastic, 6 inches red brick, 6 inches cobbles with trace brown, SAND with some to little silt, wet, non-plastic	
1										
2										
3										
4										
	0408	36	4-8		0.1				6 inches coarse SAND with fines, brown, wet, non-plastic, 6 inch gravel, coarse SAND, cobbles, traces of brick, wet, 12 inches of brown, SAND with silt and gravel, wet, non-plastic, 12 inches of dark brown/black, SAND with some silt.	
5										
					1					
6										
					3.5					
7										
					1.7					
8										
	0812	48	8-12		0.7				12 inches of poorly graded SAND, brown, wet, non-plastic, 6 inches of dark brown, SAND with some silt, saturated, non-plastic, 6 inches of gravelly SAND, dark brown, trace cobbles, wet, non plastic, 6 inches of SAND with some silt, dark brown, saturated, non-plastic, 6 inches of gravel/rock.	
9										
					1.1					
10						▼				
11										
12										
	1216	48	12-16		0.7				6 inches gravelly SAND with cobbles, dark brown, wet, non-plastic. 12 inches of gray, SILT with clay, moist, high plasticity, 30 inches reddish brown, SAND with some silt, trace clay, moist, low plasticity	
13										
14										
15										
16										
	1620	48	16-20		0.1				3 feet of poorly graded SAND with silt, wet, non plastic, brown, 12 inches of light brown, SAND with some silt and gravel, wet, non plastic.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP22**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: J Fopiano

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				Brown, fine to coarse SAND,some gravel and concrete observed.	
1										
2										
3										
4										
	0408	36	4-8		4.1				Brown/black, SILT, fine sand, petroleum odor, sheen observed between 7 and 8 feet.	
5										
6										
7										
8										
	0812	24	8-10		12.8				Black, saturated, fine SAND,odor, sheen observed. Refusal at 10 feet due to probable bedrock/boulder.	
9										
10						▼				
									Bottom of exploration at 10 feet.	
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP23**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: J Fopiano

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				Brown, fine to coarse SAND and gravel, trace silt, dry.	
1										
2										
3										
4										
	0408	36	4-8		0.1				Black, brown, fine to coarse SAND and gravel, moist	
5										
6										
7										
8										
	0812	18	8-10		6.2	▼			Black stained, fine SAND with fine to medium gravel, wet. Refusal at 10 feet.	
9										
10										
									Bottom of exploration at 10 feet.	
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP24**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: J Fopiano

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	48	0-4		0.1				Brown fine to medium SAND with little fine gravel, trace silt, glass, wood , pieces throughout, moist, organics observed from 2 to 4 feet. refusal at 4 feet due to probable boulder.	
1										
2										
3										
4										
									Bottom of exploration at 4 feet.	
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **CAP25**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: J Fopiano

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.1				Brown, fine to medium SAND, trace fine to coarse gravel, moist, organics through out.	
1										
2										
3										
4										
	0408	42	4-8		0.1				Brown, SAND and gravel, fine to coarse, moist, wood,glass observed.	
5										
6										
7										
8						▼				
	0812	42	8-12		8.1				Black stained, brown, fine to medium SAND, little fine to medium gravel, organic odors observed, wet.	
9										
10										
11										
12										
	1216	48	12-16		6.2				Wet, SAND with silt, little fine to medium gravel, glass, wood pieces thoughout, soft to medium dense.	
13										
14										
15										
16										
	1620	36	16-20		0.1				Dense, CLAY with silt, gray, slightly moist, trace fine sand.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-100**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Sample Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	Sample Description	Remarks
1									Fill.	
2										
3										
4										
5	0405	12	4-5		0.5				Well graded SAND , orange, fine to coarse sand and gravel, rounded, saturated, non-cohesive, non-plastic, no odor noted, GW level noted @3 feet. Boring collapsed . Refusal at 5 feet bgs. [LAB SAMPLE SB100-0405]	
6									Bottom of exploration at 5 feet.	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-101**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Sample Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	Sample Description	Remarks
1									Topsoil, dark brown, organics, 6 inches. followed by 6 inches of brown, well graded, fine to coarse SAND with gravel, dry to moist, brick, glass, plastic debris, leaf litter.	
2						▼				
3										
4										
5	0405		4		0.9				Dark brown, poorly graded SAND with trace gravel, non cohesive, non-plastic. Bottom 6 inches dark brown, black, organic layer roots, silty sand with trace gravel, saturated, petroleum odor noted. [LAB SAMPLE SB101-0405]	
6									Bottom of exploration at 5 feet.	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-102**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Topsoil, organics, roots, leaf litter, dark brown, well, graded, fine to coarse SAND with split and gravel, moist to wet, urban trash, plastic, glass, metal.	
2										
3										
4										
5										
	0506	12	5-6		0.1				2-6 feet, dark brown-black, well graded fine to coarse SAND with silt and gravel, trace wood, slag material, organics, slight odor, petroleum. (May be organics) [LAB SAMPLE SB102-0506]	
6									Bottom of exploration at 6 feet.	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-103**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Brown, poorly graded fine to coarse SAND with gravel, organics and leaf litter on surface, roots, urban trash, piece of glass, metal.	
2						▼				
3	0102	12	2-3		0.5				Brown, poorly graded fine to coarse SAND, mostly medium sand, moist, wet, non-cohesive, non-plastic, no odor, trace roots. [LAB SAMPLE SB103-0203]	
4									Bottom of exploration at 3 feet.	
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-104**
Boring Location: See Plan

Checked by: CWT
Date Start: November 12, 2008
Date Finish: November 12, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Sample Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	Sample Description	Remarks
1									Topsoil, organic soils. leaf litter, dark brown,dry-moist, 4 inch diameter piece of slag, observed on surface.	
2										
3										
4										
5	0405	12	4-5		0.1				Orange-brown, well graded SAND with gravel, wet, saturated, trace organic material from 0 to 1 feet, no odor, no evidence of debris. [LAB SAMPLE SB104-0405]	
6									Bottom of exploration at 5 feet.	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-105**
Boring Location: See Plan

Checked by: CWT
Date Start: November 12, 2008
Date Finish: November 12, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Topsoil, organic soils, dark brown,black, roots, leaf litter, poorly graded fine to medium SAND with trace silt, no odor and no debris noted.	
2										
3										
4										
5	0405	12	4-5		0.1				Poorly graded SAND with gravel and silt, mostly fine to medium sand, some gravel, trace silt, brown -light brown, oxidation in soil, wet, saturated, no odor, no debris observed. [LAB SAMPLE SB105-0405]	
6									Bottom of exploration at 5 feet.	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-106/MW-2S**
Boring Location: See Plan

Checked by: CWT
Date Start: November 6, 2008
Date Finish: November 6, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	437.82 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	P. Chavva	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
	0002	10	0-2	6	0.1				Road box (1/2" bolt size)	
1				11						
				38						
2				31						
3									Filter sand from 0.6 feet to 5 feet.	
4										
5						▼	432.8			
	0507	20	5-7	2	0.1			Dark brown, fine SAND, some silt, organics, trace gravel, stratified. Augered to 9 feet. [LAB SAMPLE SB106-0507]	Bentonite chips from 5 feet to 6 feet. Filter sand from 6 feet to 7 feet.	
6				2						
				2						
7				2						
8										
9										
10										
	1012	10	10-12		0.1			Poorly graded SAND with trace gravel, little silt observed, saturated, brown	Top of screen at 7 feet. Bottom of screen at 15.1 feet.	
11										
12										
13										
14										
15							422.7			
	1517	0	15-15.1	50/1"				Spoon refusal due to probable bedrock/boulder.		
16								SANDY GNEISS, unweathered to slightly weathered, dark gray with black, medium crystalline, hard, wide fracture spacing, dry, iron oxide staining, [Gneiss/Schist] Layer RQD = 78% Joints are rough, stepped with no filling noted.		
17										
18										
19										
20							417.8			
								Bottom of exploration at 20 feet.		
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-107**
Boring Location: See Plan

Checked by: CWT
Date Start: October 30, 2008
Date Finish: October 30, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004		0		0.1				Dark brown, SAND with some silt, organics, some gravel,dry.	
1										
2										
3										
4										
	0408		4		0.1				18 inches, brown, SAND with some silt, dry 12 inches of dark brown/black SAND with some silt, wet. [LAB SAMPLE SB107-0507]	
5										
6						▼				
7										
8										
	0812		8		0.1				24 inches, black, SAND with some silt, saturated. 12 inches of black SILT, wet. 12 inches of brown, fine to medium SAND, some silt, some gravel, wet.	
9										
10										
11										
12										
	1216		12		0.1				12 inches of saturated, black SAND with some silt, wet. 12inches of poorly graded, brown/gray SAND with fine gravel, wet 12 inches of brown, SAND with Silt, some medium sand, wet.	
13										
14										
15										
16										
	1620		16		0.1				12 inches of fine to medium SAND, fine gravel, wet, brown. 12 inches of medium to coarse SAND, wet, brown. 12 inches of brown, SAND with silt, wet, some coarse sand,some gravel 12 inches of brown, SAND with silt, wet.	
17										
18										
19										
20										
					0.1				Bottom of exploration at 20 feet.	
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-108**
Boring Location: See Plan

Checked by: CWT
Date Start: October 24, 2008
Date Finish: October 24, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations					
Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/24/08	NA	9.0			

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill excavated using Vac Truck.	
2										
3										
4										
5										
6	0507	16	5-7	19	0.5				Brown, SAND and gravel, poorly graded, dense, non plastic, round and angular gravel, moist. [LAB SAMPLE SB108-0507]	
				21						
				22						
7				30						
8	0709	10	7-9	26	0.4				Brown, slightly oxidized, moist, SAND and gravel, trace silt, poorly graded , dense, non plastic. (Probably Sandy till)	
				33						
				33						
9				31		▼				
10	0911	10	9-11	8	0.4				Brown, slightly oxidized, wet, SAND and silt and gravel, poorly graded, medium dense, non plastic. (Probable Sandy Till)	
				18						
				10						
11				8						
12	1113	10	11-13	12	0.2				Spoon refusal due to probable bedrock/boulder. Similar to S-3.	
				18						
				21						
13				100						
14									Auger refusal at 14 feet. Difficult in drilling from 13 feet. Probably grinding on weathered rock.	
15									Bottom of exploration at 14 feet.	
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:15 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-109**
Boring Location: See Plan

Checked by: CWT
Date Start: October 27, 2008
Date Finish: October 27, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/27/08	NA	8.0			

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill excvated using vac truck.	
2										
3										
4										
5										
6	0507	6	5-7	16 35 38 15	0.1				Dark brown, poorly graded SAND with silt and gravel, asphalt observed, very dense, coarse gravel at tip of the spoon. (FILL)	
7										
8	0709	14	7-9	6 6 1 3	4.6	▼			6 inches similar to S-1 followed by 8 inches of dark brown, SILT and gravel with some organics(probable peat), moist to wet, soft , non plastic.	
9										
10	0911	16	9-11	16 21 46 46	2.8				Gray/brown, SAND and silt with gravel, very dense, non plastic, some organics, saturated, silty sand with gravel and roots observed.	
11										
12	1113	16	11-13	26 36 41 26	1				Brown/some gray, SAND and little silt, some gravel, poorly graded, wet, dense, non plastic, stratified at bottom 2 inch. (OUTWASH)	
13										
14	1315	16	13-15	17 31 21 20	0.5				Brown, SAND, little fine gravel, little to trace silt, poorly graded, wet, very dense, non plastic.	
15										
16	1517	20	15-17	4 16 26 25	0.1				Similar to (1315) with more coarse gravel.	
17										
18	1719	16	17-19	27 46 31 29	0.1				Brown, SAND, silt and gravel, slightly stratified, very dense.	
19										
20	1921	10	19-21	26 27 28 48	0.1				Brown, Silt and SAND, trace to little gravel, wet, very dense, non-stratfied, non-plastic. (SANDY TILL)	
21										
22									Bottom of exploration at 21 feet.	

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-110**
Boring Location: See Plan

Checked by: CWT
Date Start: October 27, 2008
Date Finish: October 27, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/27/08	NA	5.5			

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									FILL	
2										
3										
4										
5										
6	0507	18	5-7	3 1	6.1	▼			Brown, silt, coarse to fine SAND, some to little coarse gravel, silty sand, poorly graded saturated, loose to soft, some organics and wood also observed. [LAB SAMPLE SB110-0507]	
7				1 1						
8	0709	10	7-9	3 4	2				Brown followed by reddish brown SAND, coarse to fine sand, some silt and little gravel, non stratified, medium dense, saturated, reddish brown coarse sand at the tip, non plastic trace organics observed. (Probably Sandy Till)	
9				7 26						
10	0911	14	9-11	8 30	3.2				Brown, SILT, SAND and gravel, poorly graded , non stratified, saturated, non plastic, very dense.	
11				37 39						
12	1113	8	11-13	17 60	0.1				Split spoon refusal due to probable bedrock or boulder. Similar to (0911) sample.	
13				50						
14	1315	12	13-15	12 14	0.1				Similar to (1113) sample, but dense and saturated. Augered to 15 feet.	
15				19 22						
16	1517	12	15-17	4 10	2.4				Similar to (1315) sample .	
17				12 17						
18	1719	12	17-19	20 28	0.1				Split spoon refusal due to probable cobble stuck in the auger.	
19				31 41						
20									Bottom of exploration at 19 feet.	
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-111**
Boring Location: See Plan

Checked by: CWT
Date Start: October 31, 2008
Date Finish: October 31, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/31/08	NA	6.5			

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Urban Fill	
2										
3										
4										
5										
6	0507	16	5-7	5	0.5				Brown, coarse to fine SAND, little silt, some gravel, some asphalt, poorly graded, non-plastic, moist to wet, non stratified. (FILL)	
				15						
7				11		▼				
				9						
8	0709	16	7-9	4	0.6				Similar to (0507) sample , FILL.	
				3						
9				5						
				4						
10	0911	18	9-11	3	0.5				Dark brown/brown, SILT, some coarse to fine sand, some gravel, saturated, non-plastic to mod. plastic, soft. [LAB SAMPLE SB111-0911]	
				1						
11				3						
				7						
12	1113	10	11-13	10	0.5				Brown, SILT, some medium to fine sand, some gravel, saturated, very dense, non-plastic. (TILL)	
				26						
13				100						
14	1315	10	13-15	18	0.3				Similar to (1113) sample.	
				19						
15				21						
				20						
16	1517	16	15-17	12	0.5				Similar to (1315) sample.	
				21						
17				21						
				23						
18	1719	16	17-19	18	0.5				Similar to (1517) sample..	
				20						
19				19						
				31						
20	1921	10	19-21	18	0.1				Similar to (1719) sample. Crushed weathered rock at tip of the spoon.	
				20						
21				100					Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-112**
Boring Location: See Plan

Checked by: CWT
Date Start: November 3, 2008
Date Finish: November 3, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	48	0-4							
1										
2										
3										
4						▼				
	0408	48	4-8		0.1				Brown silty sand, some gravel, moist, followed by 24 inches of brown, SAND with some silt, wet.	
5										
6										
7										
8										
					1				Saturated, brown, SAND with some silt. [LAB SAMPLE SB112-1012]	
9										
10										
11										
12										
13									Bottom of exploration at 12 feet.	
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-113**
Boring Location: See Plan

Checked by: CWT
Date Start: October 28, 2008
Date Finish: October 28, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill excavted using vac truck up to 5 feet.	
2										
3										
4										
5										
6									[LAB SAMPLE SB113-0507]	
7										
8										
9										
10										
11	1012	24	10-12		0.1				Moist to wet, non-plastic, non-cohesive, light brown, poorly graded SAND with silt and gravel.	
12										
13										
14										
15	1416	24	14-16		0.1	▼			Similar to above. moist to wet, light brown, SAND with silt and gravel, poorly graded.	
16										
17									Bottom of exploration at 16 feet.	
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-114**
Boring Location: See Plan

Checked by: CWT
Date Start: October 31, 2008
Date Finish: October 31, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1	0004	30	0-4						Top 6 inches dark brown, poorly graded SAND, gravel, dry, followed by light brown, SAND with some silt, dry, some gravel, some fine sand.	
5	0408	36	4-8		0.1				Top 12 inches of brown, SAND with some silt, some fine gravel, dry followed by 12 inches of brown, SAND with some silt, coarse sand and gravel, dry and 12 inches of brown, SAND with some silt, some gravel, moist.	
9	0812	40	8-12		0.1				6 inches of poorly graded SAND, brown, wet, brown fine to coarse sand, wet, some gravel.	
13	1216	12	12-16		0.1	▼			Brown, saturated silty SAND.	
17					0.1				[LAB SAMPLE SB114-1820] from the first sampler. Similar to (1216) sample. 2nd attempt to 20 feet lost sampler in hole. 3rd attempt to 20 feet lost sampler in hole.	
21									Bottom of exploration at 20 feet.	

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-115**
Boring Location: See Plan

Checked by: CWT
Date Start: October 28, 2008
Date Finish: October 28, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1										
2										
3										
4										
5	0408	48	4-8							
6					0.1					
7										
8									[LAB SAMPLE SB115- 0507]	
9										
10										
11	1014	48	10-14		0.1				Moist to wet, non-plastic, non-cohesive, light brown, SAND with silt and gravel, poorly graded sand.	
12										
13										
14										
15	1418	48	14-18		0.1				Similar to above.	
16										
17										
18										
19	1820	48	18-22		0.1				Similar to above.	
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-116**
Boring Location: See Plan

Checked by: CWT
Date Start: October 28, 2008
Date Finish: October 28, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1										
2										
3										
4										
5										
6	0507	24	5-7		0.1				Dry to moist, non-plastic, non-cohesive, dark brown, SAND, poorly graded, with gravel.	
7										
8									[LAB SAMPLE SB116-1012]	
9										
10										
11										
12										
13										
14						▼				
15	1416	24	14-16		0.1				Wet, non-plastic, non-cohesive, dark brown, SAND with silt and gravel, poorly graded, trace organics, roots/wood.	
16										
17										
18										
19	1820	24	18-20		0.1				Similar to above with trace organics and wood.	
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-117**
Boring Location: See Plan

Checked by: CWT
Date Start: October 24, 2008
Date Finish: October 24, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1	0004	18	0-4						Asphalt, brown, SAND with silt, dry, few pieces of gravel.	
5	0408	24	4-8		0.1				Asphalt, gravel for top 12 inches of sample followed by brown, SAND with some silt, moist. [LAB SAMPLE SB117-0507]	
8						▼				
9	0812	48	8-12		0.1				12 inches top, wet, SAND with silt, brown, 12 inches of medium to fine SAND, brown 24 inches of wet, SILT, brown.	
13	1216	48	12-16		0.1				Top 24 inches of wet, poorly graded SAND , some silt, brown. Bottom 24 inches of light brown, SAND with silt, wet.	
17	1620	42	16-20		0.1				Top 24 inches of saturated SAND with silt,brown, gravel. 24 inches of saturated SAND with silt, brown.,	
20									Bottom of exploration at 20 feet.	

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-118**
Boring Location: See Plan

Checked by: CWT
Date Start: October 30, 2008
Date Finish: October 30, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1										
2										
3										
4										
5	0408	24	4-8		0.1				Black, poorly graded SAND, asphalt, dry charcoal observed. [LAB SAMPLE DUP118-0507]; [LAB SAMPLE SB118-0507]	
6										
7										
8						▼				
9	0812	18	8-12		0.1				Black, poorly graded SAND , rock/asphalt, top 8 inches dry, black, coarse, gravel, wet. (Probable Ash)	
10										
11										
12										
13	1216	20	12-16		0.1				Black, gravelly fill, angular gravel, wet, some fines/medium sand. (Probably Ash)	
14										
15										
16										
17	1620	30	16-20		0.3				Top 12 inches similar to above followed by brown, SAND with silt, wet, some gravel	
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:15 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-119**
Boring Location: See Plan

Checked by: CWT
Date Start: October 23, 2008
Date Finish: October 23, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	24	0-4		0.1				Black, brown, dry, asphalt, medium SAND.	
1										
2										
3										
4										
	0408	48	4-8		0.1				Dark brown, fine/medium SAND, some silt, cinders, some fine gravel, dry. [LAB SAMPLE SB119-0507]	
5										
6										
7										
8										
	0812	36	8-12		0.1				Black, brown, medium to coarse SAND, little medium gravel, trace cinders/ash, wet at 10 feet.	
9										
10						▼				
11										
12										
	1216	36	12-16		0.3				Brown, medium to coarse SAND, sub-angular gravel, wet, trace bricks, cinders from 12 to 13 feet, wet, throughout trace silt.	
13										
14										
15										
16										
	1618	24	16-18		0.2				Brown, medium to coarse SAND, sub-angular gravel, wet, throughout, trace silt, gravel.	
17										
18										
19									Bottom of exploration at 18 feet.	
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-120**
Boring Location: See Plan

Checked by: CWT
Date Start: October 23, 2008
Date Finish: October 23, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1	0004	12	0-4		0.6				Dark brown, dry, some asphalt, poorly graded SAND, fine gravel. (FILL)	
5	0408	48	4-8		0.2				Brown, poorly graded SAND, dry, non-plastic. (FILL) [LAB SAMPLE SB120-0507]	
9	0812	48	8-12		0.2	▼			Wet, light brown, poorly graded SAND followed by 8 inches of dark brown, SAND with some silt, wet.	
13	1216	48	12-16		0.4				Brown, SAND and gravel, wet..	
17	1620	0	16-20		0.3				No recovery.	
21									Bottom of exploration at 20 feet.	

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-121**
Boring Location: See Plan

Checked by: CWT
Date Start: October 22, 2008
Date Finish: October 22, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/22/08	NA	13.0			

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0002	20	0-2	10	0.1				Brown, poorly graded SAND, some to little coarse gravel, non plastic, dense, moist, trace dark brown. (FILL)	
1				22						
				21						
2				21						
3										
4										
5										
	0507	16	5-7	4	0.1				Black/dark brown, poorly graded SAND , misc. fill consisting of concrete, asphalt and slag observed, some gravel, non plastic, loose.	
6				2						
				3						
7				4						
	0709	10	7-9	2	0.1				Similar to (0507) sample	
8				3						
				3						
9				2						
	0911	10	9-11	14	0.1				Similar to (0507) sample. [LAB SAMPLE SB121-0911]	
10				12						
				17						
11				31						
	1113	20	11-13	21	0.1				Similar to (0507) sample for 18 inches followed by 2 inches of brown, poorly graded SAND with gravel and asphalt, dense, moist, non plastic (FILL)	
12				19						
				12						
13				9		▼				
	1315	16	13-15	6	0.1				Similar to (1113) sample, wet, black, GRAVEL, coarse to fine , non plastic, little sand, slag and miscellaneous fill observed. (FILL)	
14				4						
				4						
15				3						
	1517	0	15-17	2	0.1				No recovery	
16				4						
				4						
17				4						
	1719	16	17-19	3	3.5				Similar to (1315) sample.	
18				3						
				3						
19				1						
20										
	2022	20	20-22	5	1.1				Brown, silt with roots and organics, stiff, wet, saturated, PEAT (Pt.)	
21				6						
				5						
22				5						

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:15 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-121**
Boring Location: See Plan

Checked by: CWT
Date Start: October 22, 2008
Date Finish: October 22, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/22/08	NA	13.0			

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	2224	20	22-24	5	1.1					
23				15					3 inches of peat similar to (2022) sample followed by brown, SAND with silt and gravel, non-plastic, poorly graded, wet. (TILL)	
				18						
24				20						
									Bottom of exploration at 24 feet.	
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-122**
Boring Location: See Plan

Checked by: CWT
Date Start: October 23, 2008
Date Finish: October 23, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/23/08	NA	13.5			

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0002	20	0-2	17	0.1				Brown, SAND with gravel, poorly graded, non-stratified, moist, non-plastic.	
1				12						
				15						
2				15						
3										
4										
5										
	0507	16	5-7	4	0.4				Dark brown/black, SAND with misc. fill consisting of coal slag, moist, non-stratified fill. [LAB SAMPLE SB122-0507]	
6				3						
				3						
7				2						
	0709	16	7-9	1	0.1				Similar to (0507) sample. Augered to 9 feet.	
8				1						
				1						
9				1						
	0911	18	9-11	2	0.4				Gray, SILT and ash, trace fine sand, moist, non-plastic, non-stratified fill (SM)	
10				3						
				3						
11				2						
	1113	20	11-13	1	0.4				Similar to (0911) sample.	
12				2						
				1						
13				2						
	1315	20	13-15	3	0.4	▼			Similar to (0911) sample, moist to wet.	
14				2						
				2						
15				1						
	1517	20	15-17	1	25.9				16 inches Similar to (0911) sample followed by 4 inches of dark brown, SILT with organics, saturated, petroleum odor	
16				1						
				1						
17				1						
	1719	16	17-19	1	200				Dark brown, SILT with organics, saturated, soft.	
18				1						
				2						
19				6						
	1921	10	19-21	7	13				Brown, SILT, sand and some gravel, non plastic, saturated. (TILL)	
20				19						
				88						
21				82						
									Bottom of exploration at 21 feet.	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-123**
Boring Location: See Plan

Checked by: CWT
Date Start: October 22, 2008
Date Finish: October 22, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/22/08	NA	15.0			

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill	
2										
3										
4										
5										
6	0507	16	5-7	9 11	0.5				Brown, Poorly graded SAND with little coarse gravel, medium dense, dry to moist, non-plastic to slightly plastic, little to trace silt, trace brick pieces noted. (FILL)	
7				15 16						
8	0709	20	7-9	15 12	0.1				Similar to (0507) sample. (FILL) [LAB SAMPLE SB123-0507] Augered to 10 feet.	
9				4 4						
10										
11	1012	0	10-10	50/0"	0.1				No recovery/ spoon refusal due to probable cobbles/boulder. Augered to 12 feet.	
12										
13					0.1				Brown, poorly graded SAND with gravel, dry, very dense, non stratfied, probably sandy till, no structure noted, non-plastic. (Spoon refusal due to cobble or boulder)	
14										
15						▼				
16	1517	6	15-15.5	13 45	0.1				Similar to (1214) sample.	
17				30 25/0"						
18										
19	1820	10	18-18.8	17 40	0.1				Brown, poorly graded SAND with silt and gravel, wet, non-stratified, non-plastic. (TILL)	
20				46 94/0"						
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-124**
Boring Location: See Plan

Checked by: CWT
Date Start: October 23, 2008
Date Finish: October 23, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: CR

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	12	0-4		0.1				Dark brown, SAND with silt, dry, some organics.	
1										
2										
3										
4										
	0408	24	4-8		0.2				Brown, poorly graded SAND, dry, bottom 3 inches crushed white rock. [LAB SAMPLE SB124-0507]	
5										
6										
7										
8										
	0812	36	8-12		0.3				Brown, medium to fine SAND, dry, fine gravel, 1 feet of white crushed rock.	
9										
10										
11										
12										
	1216	24	12-16		0.3				Similar to (0812) sample.	
13										
14										
15										
16										
	1620	18	16-20		0.3				Similar to (0812) sample. crushed rock observed.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-125**
Boring Location: See Plan

Checked by: CWT
Date Start: October 23, 2008
Date Finish: October 23, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	6	0-4		0.1				Brown, fine SAND, dry, crushed gravel.	
1										
2										
3										
4										
	0408	12	4-8		0.1				Brown, medium-fine SAND, dry, crushed gravel/crushed boulder. [LAB SAMPLE SB125-0507]	
5										
6										
7										
8										
	0812	36	8-12		0.1				Brown, medium to coarse SAND, dry, crushed gravel.	
9										
10										
11										
12										
	1214	40	12-16		0.2				Light brown, medium to fine SAND, some silt, crushed rock, dry.	
13										
14										
	1418	36	14-18						Similar to 1214 sample. Boring terminated at 18 feet.	
15										
16										
					0.4					
17										
18										
19									Bottom of exploration at 18 feet.	
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-126/SS-117**
Boring Location: See Plan

Checked by: CWT
Date Start: October 24, 2008
Date Finish: October 24, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	30	0-4		0.1				Dark brown-brown, medium to fine SAND, dry, fine gravel , some organics	
1										
2										
3										
4										
	0408	36	4-8		0.1				Brown, medium to fine SAND, crushed white gravel.	
5										
6										
7										
8										
	0812	42	8-12		0.1				Light brown, medium to coarse SAND, crushed gravel, dry.	
9										
10										
11										
12										
	1216	36	12-16		0.1				Similar to (0812) sample. [LAB SAMPLE SB126-1416]	
13										
14										
15										
16										
	1620	36	16-20		0.1				Similar to (0812) sample, some fines observed.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-127**
Boring Location: See Plan

Checked by: CWT
Date Start: October 22, 2008
Date Finish: October 22, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations					
Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill excavted using vac truck.	
2										
3										
4										
5										
6	0507	0	5-7	15 11	0.1				No recovery. probably pushed a cobble. [LAB SAMPLE SB127-0507]	
7				11 10						
8	0709	14	7-9	13 11	0.1				Dark brown, SAND with gravel, non-plastic, medium dense moist, little to trace silt. (FILL)	
9				10 10						
10										
11	1012	2	10-12	15 20	0.1				Poor recovery, similar to (0709) sample.	
12				56 73						
13	1214	18	12-14	15 10	0.1				Brown, SAND with silt and gravel, poorly graded, non-plastic, medium dense, moist to saturated. (TILL)	
14				17 60		▼			Auger refusal at 14.5 feet due to probable bedrock/boulder.	
15									Bottom of exploration at 14.5 feet.	
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-128**
Boring Location: See Plan

Checked by: CWT
Date Start: October 22, 2008
Date Finish: October 22, 2008

Contractor: Seaboard Environmental Drilling
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/22/08	N/A	16.5	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0002	10	0-2	5	0.1				Brown, SAND with gravel, non-plastic, medium dense, moist (pavement support materials)	
1				5						
				6						
2				5						
3										
4										
5										
	0507	16	5-7	50	0.4				Dark brown, SAND with little gravel, misc. Fill consisting of concrete, brick, ashpalt observed, non-plastic, very dense, moist. [LAB SAMPLE SB128-0507]	
6				70						
				84						
7				14						
	0709	20	7-9	4	0.3				Dark brown/black, SAND with little to trace silt, loose, coal slag observed in sample.	
8				3						
				2						
9				2						
10										
	1012	0	10-12	10	0.1				No recovery.	
11				12						
				15						
12				19						
	1214	20	12-14	4	0.3				Similar to (0709).	
13				4						
				3						
14				2						
15										
	1517	4	15-17	4	0.1				Similar to (0709) sample, wet.	
16				4						
				3		▼				
17				5						
	1719	8	17-19	12	1.1				8 in. Brown SILT and SAND, little gravel, non-plastic, dense, saturated, some organics observed.	
18				16						
				19						
19				41						
	1921	10	19-21	16	65				Light brown, SAND, little silt, with little gravel, wet, non-plastic, some organic odor observed	
20				19						
				27						
21				8						

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-128**
Boring Location: See Plan

Checked by: CWT
Date Start: October 22, 2008
Date Finish: October 22, 2008

Contractor: Seaboard Environmental Drilling
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/22/08	N/A	16.5	NA		

Depth (ft.)	SAMPLE INFORMATION: Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY: Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
									Bottom of exploration at 21 feet.	
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-129**
Boring Location: See Plan

Checked by: CWT
Date Start: November 5, 2008
Date Finish: November 5, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	48	0-4		0.1				Brown/dark brown, SAND with silt, 3 inches of asphalt at the surface, some gravel, dry.	
1										
2										
3										
4										
	0408	36	4-8		0.1				12 inches of brown,SAND with silt, some gravel, dry. 18 inches of crushed rock, white, poorly graded, dry 12 inches of brown, poorly graded SAND, some gravel, dry. 6 inches of light brown, poorly graded sand. [LAB SAMPLE SB129-0507]	
5										
6										
7										
8										
	0810.5	30	8-10.5		0.1				Brown, SAND with some silt, some gravel, dry . Refusal at 10.5	
9										
10										
11									Bottom of exploration at 10.5 feet.	
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-130**
Boring Location: See Plan

Checked by: CWT
Date Start: November 4, 2008
Date Finish: November 4, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1	0004	24	0-4		0.1				Brown, SAND with silt, some organic silt to 12 inches, poorly graded, medium dense, dry, non-plastic to mod. plastic, some gravel and cobbles.	
5	0408	24	4-8		0.1				Brown, poorly graded SAND with silt, some gravel, cobbles, medium dense, dry, non-plastic. [LAB SAMPLE SB130-0507]	
9	0812	48	8-12		0.1				12 inches of dark brown, SAND with some silt and gravel, some dark, fines (possible ash), medium dense, non-plastic, poorly graded. Light brown, fine to coarse SAND, some gravel, cobbles, dry, poorly graded, non-plastic. crushed rock at 11 feet.	
13	1216	24	12-14		0.1	▼			Wet, brown, SAND with silt, poorly graded with some gravel, cobbles, non-plastic.	
15									Bottom of exploration at 14 feet.	

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-131**
Boring Location: See Plan

Checked by: CWT
Date Start: October 25, 2008
Date Finish: October 25, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	40	0-4						Light brown, SAND and gravel, well graded, non-plastic, very loose, dry. [LAB SAMPLE SB131-0204]	
1										
2										
3										
4										
					0.1				Bottom of exploration at 4 feet.	
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-132**
Boring Location: See Plan

Checked by: CWT
Date Start: October 25, 2008
Date Finish: October 25, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Topsoil with organics and leaf litter	
2										
3	0204	24	2-4		0.1				Moist, dark brown, SAND with silt, some organics, roots, no observation of fill, possible native material. [LAB SAMPLE SB132-0204]	
4										
5									Bottom of exploration at 4 feet.	
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-133**
Boring Location: See Plan

Checked by: CWT
Date Start: October 25, 2008
Date Finish: October 25, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0002	24	0-2		0.1				Moist to wet, dark brown, SAND with silt and gravel, some organics, roots, urban debris, glass, wood.	
1										
2										
									Bottom of exploration at 2 feet.	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-134**
Boring Location: See Plan

Checked by: CWT
Date Start: November 12, 2008
Date Finish: November 12, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0001	12	0-1		0.1				Urban debris, tires, garden hose, creosote can, metal, plastic, leaf litter, SAND with silt and gravel, non-plastic, organics, roots, dark brown/dry, moist.	
1										
	0102	18	1-2.5						Similar to (0001) sample. [LAB SAMPLE SB134-0203]	
2										
					0.1					
3									Bottom of exploration at 2.5 feet.	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-135**
Boring Location: See Plan

Checked by: CWT
Date Start: November 4, 2008
Date Finish: November 4, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1	0004	24	0-4		0.1				Dark brown, SAND with silt , little organics, poorly graded, non-plastic to mod-plastic, wet at 2 feet depth.	
2						▼				
3										
4										
5	0408	18	4-8		0.1				Top 8 inches, brown, SAND with silt, little organic silt, poorly graded, non-plastic, wet. Brown, SAND with silt, gravelly, some cobbles, some coarse sand, poorly graded, non -plastic, wet. [LAB SAMPLE SB135-0507]	
6										
7										
8										
9	0809	12	8-9		0.1				Brown, SAND with silt, some cobbles, poorly graded, moist. Three attempts and refusal at 9 feet, 7 feet and 7 feet.	
10									Bottom of exploration at 9 feet.	
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-136**
Boring Location: See Plan

Checked by: CWT
Date Start: November 3, 2008
Date Finish: November 3, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	K Armitage	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1	0004	24	0-4		0.1				Dark brown, poorly graded SAND with silt, some gravel, cobbles, brick fragments, non-plastic, dry (FILL)	
5	0408	48	4-8		0.1				Brown, poorly graded SAND, little silt, very coarse gravel, some cobbles, moist. [LAB SAMPLE SB136-0507]	
9	0812	48	8-12		0.1	▼			First 3 feet, same as above. Last 1 foot, brown SAND with silt, poorly graded, saturated, non-plastic, medium density.	
13	1216	48	12-16						Similar to last foot sample of (0812)	
17									Bottom of exploration at 16 feet.	

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-137**
Boring Location: See Plan

Checked by: CWT
Date Start: November 3, 2008
Date Finish: November 3, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	24	0-4		0.1				Brown, poorly graded, SAND with silt, some organic loam, top 12 inches, dry, medium dense, non-plastic, fine grained.	
1										
2										
3										
4										
	0408	48	4-8		0.1				Brown, poorly graded, SAND with silt, some coarse sand, gravel, cobbles, moist, non-plastic, medium density.	
5										
6										
7										
8						▼				
	0812	48	8-12		0.1				First 3 feet same as above, last 1 foot, brown, SAND with silt, poorly graded, saturated, non-plastic, medium density. [LAB SAMPLE SB137-1012]	
9										
10										
11										
12										
	1213	12	12-13		0.1				Similar to above	
13										
14									Bottom of exploration at 13 feet.	
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-138**
Boring Location: See Plan

Checked by: CWT
Date Start: October 31, 2008
Date Finish: October 31, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/31/08	NA	6.0			

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill excavated using Vac Truck.	
2										
3										
4										
5										
6	0507	24	5-7	4 3	0.2	▼			Brown, coarse to fine SAND, little to trace silt, some gravel, misc. fill like glass, brick, poorly graded , non plastic, moist to saturated, non stratified. (FILL) [LAB SAMPLE SB138-0507]	
7				20 11						
8	0709	6	7-8.1	4 10	0.4				Split spoon refusal due to probable cobble /boulder, SILT with some organics and coarse gravel at tip of the spoon. Drillrig rocking at 9 feet. Broken auger in the hole. Moved the boring by 4 feet and augered to 10 feet.	
9				100/1"						
10										
11	1012	18	10-12	35 35	0.2				Brown, coarse to fine SAND, little to trace silt, some gravel, trace clay, poorly graded, moist, very dense, some gravel (FILL), trace organics aslo observed.	
12				17 15						
13	1214	16	12-14	19 19	0.2				Brown, SAND with some silt, some gravel, trace clay, poorly graded sand, saturated, dense.	
14				17 21						
15	1416	16	14-16	10 10	0.3				Gray, SILT with clay and gravel, saturated, non- plastic to moderate plastic, dense.	
16				21 16						
17	1618	18	16-18	11 10	0.1				Gray, SILT with gravel, some sand, saturated, non-plastic, medium dense.	
18				9 12						
19	1820	6	18-20	11 13	0.1				Gray, SILT with gravel, some sand, saturated, non-plastic, dense.	
20				19 41						
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:15 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-139**
Boring Location: See Plan

Checked by: CWT
Date Start: October 29, 2008
Date Finish: October 29, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1										
2										
3										
4										
5										
6	0507	20	5-7	1 1	1.9				Dark gray/black, SILT, some to little fine sand, little to trace gravel, non plastic, dry to moist, poorly graded, Misc. Fill like ash, brick observed, soft.	
7				1 1						
8	0709	20	7-9	1 1	2.8	▼			Similar to (0507) sample, saturated.	
9										
10	0911	16	9-11	WOH WOH	480				Similar to (0507) sample, saturated, very soft, fuel odor observed, little to trace gravel.	
11				WOH WOH						
12										
13	1214	10	12-14	WOH WOH	47				Similar to (0709) sample .	
14				2 3						
15	1416	16	14-16	1 WOH	320				12 inches similar to (1214) sample followed by 4 inches of brown, SILT trace fine sand, saturated with organics, poorly graded very soft. [LAB SAMPLE SB139-1416]	
16				1 WOH						
17	1618	18	16-18	2 6	12				Brown, SILT with organics, little to trace fine sand, wet/saturated.	
18				4 8						
19	1820	10	18-20	3 14	9				Similar to S-6 for 6 inches, followed by dark brown, SAND with some silt, non stratified, non plastic, dense.	
20				19 35						
21	2022	16	20-22	18 16	10				Brown, SAND with some silt and some organics, mod. plastic, non stratified.	
22				18 14						

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-139**
Boring Location: See Plan

Checked by: CWT
Date Start: October 29, 2008
Date Finish: October 29, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION: Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY: Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
									Bottom of exploration at 22 feet.	
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-140**
Boring Location: See Plan

Checked by: CWT
Date Start: October 30, 2008
Date Finish: October 30, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/30/08	NA	10.0			

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1										
2										
3										
4										
5										
6	0507	18	5-7	22 16 23 41	1.5				Dark brown/brown, SAND, some to little silt, little fine gravel, poorly graded, misc. fill like brick, wood, concrete, dense, moist, non-plastic (FILL)	
7										
8	0709	10	7-9	21 31 45 35	0.4				Similar to (0507) sample followed by poorly graded SAND, coarse to fine, non-plastic, moist, very dense, non stratified.	
9										
10	0911	15	9-11	16 24 28 14	1.9	▼			Dark brown/black, SILT, coarse to fine sand, some to little gravel, non-plastic, some to little ash fill, moist to saturated, non-stratified (FILL) [LAB SAMPLE SB140-0911]	
11										
12	1113	16	11-13	15 5 5 6	0.5				Similar to (0911) sample.	
13										
14	1315	16	13-15	3 7 6 10	0.5				Similar to (1315) sample with 2 inches of SILT with organics (FILL)	
15										
16	1517	16	15-17	3 16 9 20	0.5				Dark brown, SILT with organics, non-plastic, saturated (PEAT)	
17										
18	1719	18	17-19	11 12 13 19	0.5				Similar to(1517) sample	
19										
20	1921	10	19-21	31 13 18 9	0.1				dark brown, SILT/trace clay, coarse to fine sand, brown, non plastic, trace organics, trace fine gravel observed.	
21										
22	2123	10	21-23	10 19	0.1					

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-140**
Boring Location: See Plan

Checked by: CWT
Date Start: October 30, 2008
Date Finish: October 30, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		
10/30/08	NA	10.0			

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
				13					Brown, coarse to fine SAND, some to little silt, fine gravel, non plastic, dense, saturated.	
23				26						
									Bottom of exploration at 23 feet.	
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-141**
Boring Location: See Plan

Checked by: CWT
Date Start: October 30, 2008
Date Finish: October 30, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/30/08	N/A	10.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill. Sample collected from 5 feet.	
2										
3										
4										
5										
6	0507	18	5-7	6	0.2				Dark gray/black, silt, coarse to fine SAND, some gravel, poorly graded, non-plastic, moist to saturated, loose, probable some ash, non-stratified (FILL).	
7				3						
				3						
				2						
8	0709	6	7-9	4	0.3				Similar to (0507) sample.	
9				3						
				3						
				2						
10	0911	18	9-11	WOH	0.2	▼			Gray/black, SILT, some to little fine sand, some ash, saturated, non-plastic, soft, non-stratified, trace gravel observed. [LAB SAMPLE SB141-0911]	
				1						
11				WOH						
				WOH						
12	1113	10	11-13	1	0.5				Black/gray, SILT with organics, some ASH (FILL)	
				1						
13				1						
				1						
14	1315	6	13-14.5	1	1.2				Similar to (1113) sample, moved the boring by 10 feet to avoid from the sewer line.	
				1						
15				100						
16	1517	16	15-17	3	0.5				Similar to (1113) sample, followed by 10 inches of SILT, brown, with organics, some to little fine sand, slightly plastic, saturated.(PEAT)	
				7						
17				6						
				5						
18	1719	18	17-19	6	0.5				6 inches of peat followed by brown, SILT with some fine sand , trace gravel to little clay, trace fine gravel.	
				8						
19				67						
				35						
20	1921	10	19-20.8	21	0.5				Split spoon refusal due to probable cobble/boulder.	
				30						
21				31						
				50/3"						
22									Bottom of exploration at 21 feet.	

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-142/MW-7S**
Boring Location: See Plan

Checked by: CWT
Date Start: October 28, 2008
Date Finish: October 28, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	437.89 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	P. Chavva	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Sonic	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/28/08	N/A	9.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
1									Road box (9/16" bolt size)	
2										
3									Filter sand from 0.6 feet to 5 feet.	
4										
5										
	0507	14	5-7	1	13.3			Dark brown/black, SAND, some to little silt, some to little gravel, some coal slag, non plastic, soft, poorly graded, dry to moist (Silty sand with gravel) FILL		
6				WOH					Bentonite chips from 5 feet to 6 feet.	
				1						
7				WOH						
	0709	7	7-9	1	5.7			Similar to (0507) sample.	Filter sand from 6 feet to 8 feet.	
8				3						
				5						
9				7		▼				
	0911	18	9-11	4	9.8			Dark gray/black, SAND, silt and gravel, slag, misc. fill like, coal, wood, lime mortar, non plastic, poorly graded, saturated, medium dense (silty sand with gravel)		
10				5						
				6						
11				6						
	1113	10	11-13	3	10			Similar to (0911) sample. Auger to 13 feet.		
12				7						
				9						
13				8						
	1315	10	13-15	5	4			Black, gravel, some to little SAND, little to trace silt, slag, wet, non plastic, medium dense. (Fill)	Top of screen at 8 feet. Bottom of screen at 18 feet.	
14				8						
				6						
15				8			422.9			
	1517	16	15-17	1	9			14 inches similar to (1315) sample followed by 2 inches of brown, SILT, organics, wet, non plastic to mod. plastic, soft. (PEAT) [LAB SAMPLE SB142-1517]		
16				2						
				1						
17				1						
	1719	14	17-19	1	5			Gray, SILT, little fine sand, some organics, soft, saturated, non stratified (PEAT)		
18				3						
				4						
19				1			418.9			
	1921	20	19-21	19	2			Light brown/reddish brown, coarse to fine SAND, some to little silt, some to little gravel, non stratified, saturated, non plastic. (Sandy Till)		
20				14						
				16						
21				22					Filter sand from 18 feet to 23 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-142/MW-7S**
Boring Location: See Plan

Checked by: CWT
Date Start: October 28, 2008
Date Finish: October 28, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 437.89 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Sonic	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/28/08	N/A	9.0	NA		

Depth (ft.)	Sample Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	Sample Description	Well Detail	Remarks
23								414.9			
									Bottom of exploration at 23 feet.		
24											
25											
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41											
42											
43											
44											

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-143**
Boring Location: See Plan

Checked by: CWT
Date Start: October 27, 2008
Date Finish: October 27, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: K Armitage

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Sonic	140-lb Hammer

Groundwater Observations					
Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	36	0-4		0.2				Top 2 inches brown, SAND with silt, dry, organics followed by black, SAND with silt, dry, fine gravel.	
1										
2										
3										
4										
	0408	42	4-8		0.2				Top 18 inches black, SAND with silt, some gravel, dry, followed by 6 inches of brown to dark brown SAND with silt, dry.	
5										
6										
7										
8										
	0812	36	8-12		0.4				Black SAND with silt, some gravel, moist, some organics, bottom 1 foot wet. [LAB SAMPLE SB143-1012]	
9						▼				
10										
11										
12										
	1216	18	12-16		0.8				Saturated, black, medium to coarse SAND, bottom 6 inches of brown SAND with silt. [LAB SAMPLE SB143-1012]	
13										
14										
15										
16										
	1620	48	16-20		9.3				Black medium to coarse SAND, wet, top 12 inches. brown, medium to fine SAND, wet 1 feet, 18 inches of brown, medium to coarse SAND, some fines, wet, 18 inches, black/brown SAND with silt, wet.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-144**
Boring Location: See Plan

Checked by: CWT
Date Start: October 27, 2008
Date Finish: October 27, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1										
2										
3										
4										
5	0408	30	4-8		0.1				12 inches of dark brown, medium to coarse SAND, some fine sand, dry, 2 inches white crushed rock. 12 inches dark brown SAND with silt, dry, 4 inches black silty sand.	
6										
7										
8										
9	0812	36	8-12		0.1	▼			12 inches of black SAND with silt and rocks, moist, followed by 18 inches of black, medium to coarse SAND, and 6 inches of black SAND with silt, wet. [LAB SAMPLE SB144-1012]	
10										
11										
12										
13	1216	12	12-16		0.1				12 inches of dark brown/black medium to coarse sand, saturated, poorly graded sand with silt, saturated.	
14										
15										
16										
17	1620	48	16-20		0.1				Top 2 feet, black, medium to coarse SAND, saturated.	
18										
19									12 inches of SILT with clay, some organics, (possibly Peat)	
20									12 inches of brown/gray SAND with silt.	
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-145**
Boring Location: See Plan

Checked by: CWT
Date Start: October 21, 2008
Date Finish: October 21, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/21/08	N/A	10.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill.	
2										
3										
4										
5										
6	0507	20	5-7	5 / 5	1.1				Black, dark brown, poorly graded SAND with Silt and Gravel, some asphalt, some brick, some old pipe materials observed, medium dense, moist, (FILL).	
7				7 / 17						
8	0709	16	7-9	7 / 9	0.5				Similar to (0507) sample (more coal and asphalt and slag observed) [LAB SAMPLE SB145-0709]	
9				10 / 13						
10						▼				
11	1012	16	10-12	5 / 5	0.5				Similar to (0507) sample.	
12				5 / 6						
13	1214	2	12-14	9 / 7	1.2				Similar to (1214) sample. Poor recovery. Augering to 15 feet.	
14				6 / 3						
15										
16	1517	16	15-17	3 / 4	0.5				Similar to (1214) sample, wet with brick observed.	
17				3 / 4						
18	1719	12	17-19	4 / 3	0.4				Similar to (1214) sample, wet with gravel.	
19				3 / 2						
20										
21	2022	20	20-22	2 / 2	1.2				Brown, SILT with organics and roots, slightly plastic, soft, wet (Peat)	
22				3 / 5						

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-145**
Boring Location: See Plan

Checked by: CWT
Date Start: October 21, 2008
Date Finish: October 21, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/21/08	N/A	10.0	NA		

Depth (ft.)	Sample Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	Sample Description	Remarks
	2224	20	22-24	2	1.2				Similar to (2022) sample.	
23				2						
				3						
24				4						
									Bottom of exploration at 24 feet.	
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-146**
Boring Location: See Plan

Checked by: CWT
Date Start: October 24, 2008
Date Finish: October 24, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	40	0-4						Asphalt patch	
1										
2										
3									Asphalt/paving black	
4									Crushed rock/white rock	
	0408	48	4-8		0.1				Brown, dry, poorly graded SAND, medium to coarse, some fine sand, gravel.	
5										
6										
7										
8										
	0812	48	8-12		0.1				Brown, dry, poorly graded SAND, crushed, white rock	
9										
10										
11										
12										
	1216	48	12-16		0.1				First 24 inches of brown, medium to fine SAND, crushed white gravel. followed by 24 inches of brown, medium to coarse sand, some gravel, moist. [LAB SAMPLE SB146-1416]	
13										
14										
15										
16										
	1620	48	16-20		0.1				Brown, dry, medium to coarse SAND, some gravel too.	
17										
18										
19										
20										
					0.1				Bottom of exploration at 20 feet.	
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-147**
Boring Location: See Plan

Checked by: CWT
Date Start: October 29, 2008
Date Finish: October 29, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/27/08	N/A	9.5	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Sample collected during the Vac Truck drilling. Augered to 5 feet, hit boulders and cobbles to 7 feet collected the first sample at 7 feet.	
2										
3										
4										
5										
6										
7										
8	0709	16	7-9	24 9	2.1				Poorly graded SAND with gravel for 1 in	
9				3 1						
10	0911	16	9-11	WOH WOH	3.5	▼			Dark gray/black, SILT/Ash, trace fine sand, saturated, non plastic, very soft. (FILL) [LAB SAMPLE SB147-0911]	
11				1 WOH						
12	1113	18	11-13	WOH 1	3.4				Similar to (0911) sample.	
13				WOH 1						
14	1315	10	13-15	1 WOH	100				Similar to (0911) sample followed by 2 inches of peat layer.	
15				1 WOH						
16	1517	24	15-17	1 1	29.7				Brown, SILT, some organics, trace fine sand, non-plastic to mod-plastic, saturated.	
17				4 6						
18	1719	10	17-19	10 9	32.3				7 inches similar to (1517) sample followed by 3 inches of brown, SAND, some silt, poorly graded, saturated, non-plastic, medium dense.	
19				7 9						
20	1921	18	19-21	30 22	6				Brown/reddish brown, SILT, some fine sand, trace coarse sand, some to little gravel, poorly graded, non-plastic, very dense, non-stratified.	
21				31 72						
22									Bottom of exploration at 21 feet.	

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-148**
Boring Location: See Plan

Checked by: CWT
Date Start: October 29, 2008
Date Finish: October 29, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/29/08	N/A	9.5	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1										
2										
3										
4										
5										
6	0507	16	5-7	5	24.8				10 inches of dark gray/black, SAND with silt and gravel, misc. fill consisting of coal slag, ash, dry to moist, non plastic, followed by 6 inches of light brown, SAND with gravel, moist, medium dense, non plastic (SP-SM) with gravel (FILL	
				9						
7				17						
				21						
8	0709	18	7-9	12	9.9				Similar to (0507) sample observed some concrete pieces.	
				13						
9				15						
				26						
10	0911	0	9-11	13	10	▼			Coarse gravel in tip of the spoon, no recovery	
				4						
11				4						
				3						
12	1113	6	11-13	4	12.4				Black, fine GRAVEL, coarse sand, saturated, non-plastic, poorly graded. (FILL) trace ash observed.	
				5						
13				4						
				4						
14	1315	10	13-15	4	10.9				Similar to (1113) sample collected.	
				4						
15				4						
				4						
16	1517	16	15-17	1	100				Similar to (1113) sample with lots of fill like coal, glass, metal. [LAB SAMPLE SB148-1517]	
				1						
17				1						
				1						
18	1719	18	17-19	4	22.6				Brown, SILT, some organics, saturated, stiff, non-stratified, peat.	
				4						
19				3						
				4						
20	1921	20	19-21	4	30				18 inches similar to S-7 followed by 2 inches of poorly graded SAND with silt and gravel.	
				6						
21				13						
				15						
22									Bottom of exploration at 21 feet.	

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-149**
Boring Location: See Plan

Checked by: CWT
Date Start: October 27, 2008
Date Finish: October 27, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/27/08	N/A	9.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1										
2										
3										
4										
5										
6	0507	12	5-7	5 6 6 3	7.2				Brown/dark gray/black, SILT and fine sand, little to trace gravel, poorly graded, non plastic, moist, some ash observed. Fill)	
7										
8	0709	2	7-9	6 12 26 1	6.1				Coarse gravel in tip of the spoon. Similar to 0507 sample. Augered to 9 feet.	
9						▼				
10	0911	14	9-11	1 1 WOH 1	7.3				Similar to 0507 sample, wet, some brick observed, some wood, very soft, saturated (FILL), probable ash.	
11										
12	1113	6	11-13	2 3 2 4	7.4				Similar to 0911 sample.	
13										
14	1315	16	13-15	4 4 6 8	13.9				Similar to 0911 sample (FILL), some coarse gravel observed.	
15										
16	1517	18	15-17	6 4 3 2	48.5				Similar to (0507) sample with glass, saturated, wood, metal observed (FILL). [LAB SAMPLE SB149-1517]	
17										
18	1719	6	17-19	1 2 3 4	31				4 inches similar to (1517) sample followed by 2 inches of silt with organics	
19										
20	1921	16	19-21	15 21 57 27	20				Similar to (1719) sample with brick, glass, SAND with some silt at the bottom	
21										
22	2123	16	21-23	18 20	18					

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-149**
Boring Location: See Plan

Checked by: CWT
Date Start: October 27, 2008
Date Finish: October 27, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/27/08	N/A	9.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
				19					Brown, SILT and SAND, poorly graded sand with gravel. (Probably SANDY TILL)	
23				20						
									Bottom of exploration at 23 feet.	
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-150**
Boring Location: See Plan

Checked by: CWT
Date Start: October 23, 2008
Date Finish: October 23, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/23/08	N/A	9.5	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill excavated using Vac Truck.	
2										
3										
4										
5										
6	0507	18	5-7	3 26	9.5				Brown, dark brown/black, SAND with gravel, poorly graded sand with fuel odor, moist to saturated, non-plastic, very dense. [LAB SAMPLE DUP106-0507] [LAB SAMPLE SB150-0507]	
7				26 20						
8	0709	4	7-9	15 7	1.9				Poor recovery due to coarse gravel in tip of the spoon, similar to (0507) sample.	
9				9 9						
10	0911	12	9-11	20 25	0.4	▼			Black/dark gray, SILT, some gravel, little coarse to fine sand, poorly graded, saturated, dense, non-stratified, (FILL)	
11				16 57						
12	1113	10	11-13	6 9	0.1				8 inches similar to (0911) sample followed by 2 inches of brown, SILT, sand/gravel, poorly graded, non-stratified, saturated, medium dense.	
13				17 33						
14	1315	14	13-15	13 13	0.1				SILT, sand/gravel, poorly graded, non-stratified, saturated,dense. (TILL)	
15				26 27						
16	1517	16	15-17	9 14	0.3				Brown/reddish brown, SAND, silt and gravel, poorly graded, non-stratified, dense, saturated. (Sandy Till)	
17				17 18						
18	1719	18	17-19	16 17	0.3				Similar to (1517) sample with some gravel.	
19				18 22						
20	1921	6	19-20.3	7 15	0.2				SAND with silt and gravel (TILL)	
21				50/3"						
22									Bottom of exploration at 21 feet.	

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-151**
Boring Location: See Plan

Checked by: CWT
Date Start: October 23, 2008
Date Finish: October 23, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/23/08	N/A	9.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1										
2										
3										
4										
5										
6	0507	18	5-7	4 5 6 8	0.9				Dark brown, SAND with some silt, and gravel, misc. fill consisting of glass, slag, trace ash, poorly graded, non-plastic, medium dense. (FILL)	
7										
8	0709	9	7-9	10 5 3 2	0.9				6 inches similar to (0507) sample followed by gray, wet, SILT, some to little fine sand (probable ash) (FILL)	
9						▼				
10	0911	20	9-11	2 WOH 1 1	0.4				Gray, SILT, some to little fine sand, poorly graded, saturated, non-plastic, non-stratified.	
11										
12	1113	18	11-13	1 1 1 3	0.9				Similar to (0911) sample. Roots and wood at bottom.	
13										
14	1315	20	13-15	1 1 1 1	0.4				Similar to 0911) sample.	
15										
16	1517	18	15-17	1 1 6 18	0.4				Similar to (0911) sample. [LAB SAMPLE SB151-1517]	
17										
18	1719	18	17-19	9 5 7 9	17.9				Similar to (0911) sample.	
19										
20	1921	13	19-21	5 4 4 11	0.9				9 inches similar to (1719) sample followed by 6 inches of silt with organics, mod. plastic.(PEAT)	
21										
22	2123	18	21-23	9 18	0.3					

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-151**
Boring Location: See Plan

Checked by: CWT
Date Start: October 23, 2008
Date Finish: October 23, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/23/08	N/A	9.0	NA		

Depth (ft.)	Sample Information: Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Lithology: Log	Elev./ Desc. (ft.)	Sample Description	Remarks
				20					6 inches similar to (2123) sample followed by brown, SILT, sand and gravel, poorly graded, non plastic, saturated.	
23				36						
									Bottom of exploration at 23 feet.	
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-152/MW-12S**
Boring Location: See Plan

Checked by: CWT
Date Start: October 22, 2008
Date Finish: October 22, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	441.32 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	P. Chavva	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/22/08	N/A	9.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
1										Road box (9/16 inch)	
2										Filter sand from 0.6 feet to 3 feet.	
3											
4										Bentonite chips from 3 feet to 4 feet.	
5										Filter sand from 4 feet to 6 feet.	
6	0507	16	5-7	10 / 18	0.6				Brown/dark brown, SAND, silt and gravel, poorly graded, dense, moist, miscellaneous fill like concrete, brick (FILL) [LAB SAMPLE SB152-0507]		
7				25 / 24							
8	0709	8	7-9	11 / 18	0.3				Similar to (0507) sample and misc. fill consisting of bricks, lime mortar, moist.		
9				9 / 6		▼					
10	0911	20	9-11	4 / WOH	1.1				Dark gray/brown/black, SILT with little gravel, misc.fill like ash, glass, brick, non plastic, saturated, loose, soft.		
11				1 / 1							
12	1113	6	11-13	WOH / 1	0.3				4 inches of dark brown SILT with organics followed by dark gray, silty sand to silt with gravel, very soft, plastic, wet.	Top of screen at 6 feet. Bottom of screen at 16 feet.	
13				1 / 22							
14	1315	6	13-15	4 / 4	0.3				Similar to (1113) sample with lots of gravel probably cobbles or boulder . Drill rig rocking at 16 feet due to probable bedrock/boulder. Installed monitoring well at 16 feet with 10 feet of screen and 6 feet of riser.		
15				6 / 75							
16								425.3			
17									Bottom of exploration at 16 feet.		
18											
19											
20											
21											
22											

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-153**
Boring Location: See Plan

Checked by: CWT
Date Start: October 23, 2008
Date Finish: October 23, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/23/08	N/A	9.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill excvated using vac truck.	
2										
3										
4										
5										
6	0507	16	5-6.5	8 26 100	1.8				Dark brown/black, SAND, silt and gravel, poorly graded, very dense, moist, non plastic, misc. fill consisting of wood, brick, some organics. (FILL) [LAB SAMPLE SB153-0507]	
7										
8										
9	0810	3	8-10	18 17 11 7	1	▼			Poor recovery due to probable coarse gravel at tip of spoon. Similar to (0507) sample.	
10										
11	1012	6	10-12	2 WOH 1 3	3.9				Dark gray/black/brown, SILT, fine sand, some ash, gravel, non-plastic, saturated, soft, mod. plastic with organic odor, poorly graded (FILL)	
12										
13	1214	18	12-14	10 6 3 3	14.4				Similar to (1012) sample collected.	
14										
15									Bottom of exploration at 14 feet.	
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-154**
Boring Location: See Plan

Checked by: CWT
Date Start: October 23, 2008
Date Finish: October 23, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/23/08	N/A	9.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill excavated using Vac Truck.	
2										
3										
4										
5										
6	0507	18	5-7	19 36 28 14	2.1				Brown, coarse to fine SAND, some to little gravel, some misc. fill consisting of concrete, wood, non-plastic, moist, non stratified. (FILL) [LAB SAMPLE SB150-0507]	
7										
8	0709	16	7-9	7 8 6 2	1				Brown, coarse to fine SAND, some to little coarse gravel, moist (FILL)	
9						▼				
10	0911	18	9-11	1 1 3 5	2				Brown, coarse to fine SAND, some gravel, non stratified.	
11										
12	1113	16	11-13	WOH 1 WOH 1	2				Gray/brown, SILT, some ash, saturated, very soft. (FILL)	
13										
14	1315	3	13-15	5 4 4 5	2				Poor recovery, similar to (1113) sample.	
15										
16	1517	18	15-17	10 7 2 6	1.5				Similar to (1315) sample collected.	
17										
18	1719	18	17-19	9 9 11 14	0.9					
19										
20	1921	19	19-21	31 36 33 35	0.2				Brown, SILT, sand and some gravel, non-plastic, saturated, non-stratified, very dense (TILL)	
21										
22									Bottom of exploration at 21 feet.	

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-155**
Boring Location: See Plan

Checked by: CWT
Date Start: October 25, 2008
Date Finish: October 25, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1	0004	36	0-4		0.1				Top 12 inches of brown, SAND with some silt, organics, 6 inches of crushed white rock with iron, brown, SAND with some silt, dry, fine gravel.	
5	0408	42	4-8		0.1				Top 12 inches of medium to coarse SAND, some fines, black, 12 inches of brown, medium to coarse SAND, dry, 6 inches of black, SAND with silt, brown, fine sand, fine gravel. [LAB SAMPLE SB155-0507]	
9	0812	36	8-12		0.1	▼			Black SAND with silt, dry some gravel, top 1 feet followed by black SAND with silt, wet, saturated, some glass/brick on 2nd attempt.	
13	1216	48	12-16		0.1				No recovery on 1st attempt on 2nd attempt similar to (0812) sample.	
17	1620	48	16-20		0.1				Similar to (1216) sample collected.	

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-156**
Boring Location: See Plan

Checked by: CWT
Date Start: October 25, 2008
Date Finish: October 25, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	24	0-4		0.1				Brown, SAND with silt, crushed rock, dry	
1										
2										
3										
4										
	0408	36	4-8		0.1				Light brown, dry, SAND with silt and crushed rock for top 1 feet followed by black, SAND with silt and crushed white gravel and brick, dry.	
5										
6										
7										
8										
	0812	24	8-12		0.1				Light brown to black SAND with silt, crushed rock, some rock pieces observed, dry.	
9										
10										
11										
12						▼				
	1216	48	12-16		0.1				Black, SAND with silt, saturated (ash layer) [LAB SAMPLE SB156-1416]; [LAB SAMPLE DUP07-1416]	
13										
14										
15										
16										
	1620	48	16-20		0.1				Black SAND with silt, full recovery.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-157**
Boring Location: See Plan

Checked by: CWT
Date Start: November 1, 2008
Date Finish: November 1, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 11/01/08	N/A	9.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
									Fill excvated using Vac Truck	
1										
2										
3										
4										
5										
	0507	20	5-7	47	0.2				Brown, coarse to fine SAND, some to little gravel, misc. fill like brick, coal and slag, non-plastic, dry to moist, dense. (FILL)	
6				25						
				11						
7				12						
	0709	8	7-9	12	0.2				Similar to (0507) sample.	
8				12						
				13						
9				7		▼				
	0911	18	9-11	3	0.3				Dark gray/black, SILT with some ash, little to trace fine sand, misc. fill consisting of ash, non-plastic, non-stratified, very soft, saturated. (FILL) [LAB SAMPLE SB157-0911]	
10				1						
				2						
11				2						
	1113	20	11-13	7	0.4				Similar to (0911) sample, saturated (FILL)	
12				7						
				3						
13				2						
	1315	20	13-15	WOH	0.3				Similar to (0911) sample, saturated (FILL)	
14				1						
				WOH						
15				1						
	1517	24	15-17	WOH	0.1				Dark gray, ash, SILT, little to trace fine sand, trace coarse gravel, non-plastic, poorly graded, saturated, non-stratified, soft.	
16				WOH						
				WOH						
17				WOH						
	1719	24	17-19	WOH	0.2				Similar to (1517) sample	
18				WOH						
				1						
19				1						
	1921	24	19-21	2	0.1				16 inches similar to (1517) sample. 4 inches of dark brown, saturated, silt with some organics, soft (PEAT) Bottom of exploration at 21 feet.	
20				2						
				6						
21				8						
									Bottom of exploration at 21 feet.	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-158**
Boring Location: See Plan

Checked by: CWT
Date Start: November 1, 2008
Date Finish: November 1, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0002	20	0-2	8	0.1				Brown, coarse to fine SAND, some to little gravel, poorly graded, non-plastic, medium dense, moist, non-stratified, some asphalt observed. (FILL) Four attempts to refusal were made at depths 4 feet, 3 feet, 18 inches and 12 inches. Boring abandoned after 4 attempts.	
1				6						
				7						
2				10						
3										
4										
5									Bottom of exploration at 4 feet.	
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-159**
Boring Location: See Plan

Checked by: CWT
Date Start: November 1, 2008
Date Finish: November 1, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 11/01/08	N/A	9.5	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1										
2										
3										
4										
5										
6	0507	18	5-7	7 32	0.2				Brown, dark brown/black, coarse to fine SAND, some gravel, misc. fill consisting of concrete, slag and brick, trace ash, dense, poorly graded, non-plastic, non-stratified, moist.	
7				13 13						
8	0709	10	7-9	8 9	0.2				Similar to 0507 sample.	
9				8 6						
10	0911	20	9-11	5 4	0.1	▼			Dark gray/black, SILT with some ash and fine sand, poorly graded, misc. fill like ash, and slag observed, non-plastic, moist to wet, medium dense, non-stratified. [LAB SAMPLE SB159-0911]	
11				4 4						
12	1113	10	11-13	8 6	0.2				Similar to (0911) sample.	
13				6 5						
14	1315	15	13-15	1 1	0.2				Similar to (1113) sample, saturated. (FILL)	
15				3 3						
16	1517	20	15-17	WOH WOH	0.1				Similar to (1315) sample, very soft (ash)	
17				WOH WOH						
18	1719	20	17-19	WOH 1	0.1				Similar to (1517) sample	
19				WOH 1						
20	1921	20	19-21	4 5	0.2				14 inches similar to (1719) sample followed by 2 inches of Peat and 2 inches of SAND with silt, brown with gravel.	
21				6 19						
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-160**
Boring Location: See Plan

Checked by: CWT
Date Start: November 1, 2008
Date Finish: November 1, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations					
Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0002	20	0-2	26	0.1				Dark brown/brown, coarse to fine SAND, coarse to fine gravel, silt, some to little gravel, some asphalt, poorly graded, very dense, non-plastic.	
1				26						
				70						
2				52						
3										
4										
5										
	0507	16	5-7	34	0.3				Dark brown, medium to fine SAND, some to little gravel, little coal slag and ash, non-plastic, moist, non-stratified, very dense (FILL).	
6				49						
				12						
7				12						
	0709	10	7-9	12	0.2				Similar to (0507) sample.	
8				3						
				5						
9				3						
	0911	20	9-11	3	0.2	▼			Similar to (0709) sample followed by reddish brown, moist to wet, at the tip, SAND with silt and organics at the tip of spoon. [LAB SAMPLE SB160-0911]	
10				3						
				3						
11				4						
	1113	18	11-13	13	0.3				Reddish brown to brown, SAND with silt and organics to poorly graded SAND with gravel, non-plastic to mod. plastic, moist to wet, non-stratified.	
12				23						
				43						
13				53						
	1315	4	13-13.3	75/4"	0.4				Split spoon refusak due to probable bedrock/boulder, crushed gravel at tip of spoon.	
14										
15										
	1517	20	15-17	17	0.3				Brown, coarse to fine SAND, some silt and gravel, non-plastic, saturated, dense,	
16				30						
				33						
17				34						
	1719	5	17-17.6	39	0.2				Similar to 1517 sample.	
18				50/1"						
19										
20									Bottom of exploration at 19 feet.	
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-161/SS144**
Boring Location: See Plan

Checked by: CWT
Date Start: October 25, 2008
Date Finish: October 25, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	24	0-4		0.1				Top 12 inches of asphalt and pavement base course followed by 12 inches of dark brown, silty SAND with gravel, dry.	
1										
2										
3										
4										
	0408	24	4-8		0.1				Top 12 inches, brown, SAND with some silt, fine gravel, 1 inch crushed gravel/white, black silty sand	
5										
6										
7										
8										
	0812	24	8-12		0.1				Black SAND with some silt, moist, piece of brick<1 inch diameter. [LAB SAMPLE SB161-1012]	
9										
10										
11										
12										
	1216	10	12-16		0.1				Refusal at 13 feet due to probable bedrock/boulder.	
13										
14									Bottom of exploration at 13 feet.	
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-162**
Boring Location: See Plan

Checked by: CWT
Date Start: October 25, 2008
Date Finish: October 25, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	24	0-4		0.1				Brown, SAND with silt, crushed rock, dry.	
1										
2										
3										
4										
	0408	36	4-8		0.1				Brown, SAND with silt, dry for top 12 inches, black SAND with silt, very dense, dry. [LAB SAMPLE SB162-0507]	
5										
6										
7										
8										
	0812	48	8-12		0.1				6 inch brown, SAND with silt and rock, dry, black SAND with silt, moist to wet at 11 feet bgs.	
9										
10										
11						▼				
12										
	1216	48	12-16		0.1				Similar to (1012) sample, saturated.	
13										
14										
15										
16										
	1620	48	16-20		0.1				Top 18 inches similar to (1012) sample. Bottom 18 inches, brown, SAND with silt with coarse sand and gravel, wet.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-163**
Boring Location: See Plan

Checked by: CWT
Date Start: October 21, 2008
Date Finish: October 21, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/21/08	N/A	13.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0002	13	0-2	9	0.5				Dark brown to brown, SAND with silt and gravel, slightly plastic, very dense, moist, some to little gravel with organics and roots noted. (FILL)	
1				59						
				89						
2				31						
	0204	10	2-4	9	0.5				Dark brown, poorly graded SAND with silt and gravel, non-plastic, medium dense, moist, some miscellaneous fill like asphalt, tiles, trace gravel and organics. (FILL)	
3				6						
				6						
4				5						
5										
	0507	10	5-7	4	0.5				4 inches dark brown and 6 inches light gray, SAND with silt and some organics, trace brick, probable ash, loose, moist, non-plastic. [LAB SAMPLE SB163-0507]	
6				3						
				3						
7				3						
	0709	12	7-9	6	0.5				Similar to (0507) sample, concrete and asphalt noted (FILL)	
8				6						
				5						
9				4						
10										
	1012	0	10-12	5	0.1				No recovery	
11				6						
				3						
12				5						
	1214	12	12-14	2	0.1				Gray/brown, SAND with silt to sandy silt with organics, non-plastic to slightly plastic, miscellaneous fill like tiles and brick, soft, trace organics (FILL)	
13				1		▼				
				1						
14				5						
	1416	10	14-16	9	0.1				Brown/reddish brown, SAND with silt and gravel, non-plastic, dense, non-stratified, dense, wet.	
15				16						
				21						
16				46						
									Bottom of exploration at 16 feet.	
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-164**
Boring Location: See Plan

Checked by: CWT
Date Start: October 21, 2008
Date Finish: October 21, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/21/08	N/A	10.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0002	20	0-2	6	0.5				Dark brown to light brown, poorly graded SAND with silt to SAND with silt, some gravel, some coarse sand, some organics, moist, non-plastic, medium dense. (FILL)	
1				9						
				16						
2				4						
	0204	20	2-4	11	0.4				Dark brown, SAND with silt and gravel and miscellaneous fill like coal, some organics, gravel observed, moist to wet. (FILL) Augered to 5 feet.	
3				16						
				16						
4				13						
5										
	0507	14	5-7	4	0.8				Dark brown, poorly graded SAND with silt and gravel, miscellaneous fill like metal, some organics observed. (FILL), moist, loose. [LAB SAMPLE SB164-0507]	
6				5						
				4						
7				4						
	0709	2	7-9	4	0.2				Poor recovery, poorly graded SAND with gravel. Augered to 9 feet.	
8				5						
				6						
9				1						
	0911	0	9-11	WOH	0.8				No recovery.	
10				1		▼				
				WOH						
11				1						
	1113	10	11-13	1	0.8				Dark gray, brown, SAND with silt, wet, loose, slightly plastic, SAND with silt (Probably FILL). Augered to 13 feet.	
12				1						
				1						
13				3						
	1315	10	13-15	10	0.8				Similar to (1113) sample, but dense.	
14				9						
				9						
15				18						
	1517	9	15-17	4	0.8				Similar to (1113) sample, with coarse gravel at the tip not enough for crushed gravel.	
16				11						
				16						
17				12						
	1719	16	17-19	14	1					
18				15					6 inches similar to (1113) followed by SAND with silt and gravel, brown, wet, dense.	
				15						
19				19						
	1921	14	19-21	12	0.8				Similar to (1719) sample.	
20				17						
				31						
21				40						
									Bottom of exploration at 21 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-165**
Boring Location: See Plan

Checked by: CWT
Date Start: October 21, 2008
Date Finish: October 21, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									0 to 5 feet fill.	
2										
3										
4										
5										
6	0507	11	5-7	4 6	0.2				Brown, poorly graded SAND with silt, slightly plastic, medium dense, moist, non stratified (FILL). [LAB SAMPLE SB165-0507]	
7				7 11						
8	0709	11	7-9	7 9	0.1				Similar to (0507) sample. (FILL)	
9				9 13						
10										
11	1012	12	10-11.8	5 3	0.7				Split spoon refusal at 11.8 feet due to concrete (Probably old footing) 8 inches similar to (0507) sample followed by 4 inches of light brown, silt, slightly plastic, soft, moist. (FILL)	
12				3 50/4"						
13									Bottom of exploration at 11.8 feet.	
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-166**
Boring Location: See Plan

Checked by: CWT
Date Start: October 21, 2008
Date Finish: October 21, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/21/08	N/A	9.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0002	13	0-2	9	0.5				3 inches of topsoil. dark brown to light brown, poorly graded SAND to silty sand, non-plastic, very dense, moist, coarse gravel at tip of spoon (FILL)	
1				59						
				89						
2				31						
	0204	14	2-4	9	0.2				Brown, poorly graded SAND with gravel, some to little silt, asphalt noted, non-plastic, dense, moist. (FILL)	
3				17						
				17						
4				16						
5										
	0507	13	5-7	7	5.4				Dark brown, poorly graded SAND with gravel, little to trace silt, some concreted, gray color powdered material. (probably ash), medium dense, moist. (FILL) [LAB SAMPLE SB157-0507]	
6				5						
				13						
7				16						
	0709	8	7-9	9	0.5				Poor recovery due to coarse gravel at tip of the spoon, brown, poorly graded SAND with little gravel, medium dense, moist. (FILL)	
8				7						
				5						
9				6		▼				
10										
	1012	12	10-12	WOH	0.5				Gray, SAND with silt to sandy silt with organics, wood and roots, poorly graded , slightly plastic, soft, wet, peat (PEAT)	
11				1						
				1						
12				3						
	1214	14	12-14	7	0.5				Brown, SAND , SILT, trace gravel, some organics noted, wet, medium dense, slightly plastic.	
13				9						
				13						
14				14						
	1416	14	14-16	33	0.5				Brown,SAND with silt and gravel, wet, very dense,non plastic (Sandy TILL)	
15				36						
				49						
16				57						
17									Bottom of exploration at 16 feet.	
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-167**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Organics, leaf litter, roots, dark brown, medium to fine SAND, trace silt, dry.	
2										
3	0203	12	2-3		0.4				Well graded SAND with gravel, fine to coarse sand, brown-orange, dry to moist, non-plastic, non-cohesive, no odor noted, no debris noted. drainage for Atwood Avenue, roadway runoff, natural channel runs 2 feet east of boring, dry during sampling. [LAB SAMPLE DUP110-0203];[LAB SAMPLE SB167-0203]	
4									Bottom of exploration at 3 feet.	
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-168**
Boring Location: See Plan

Checked by: CWT
Date Start: October 29, 2008
Date Finish: October 29, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	24	0-4		0.2				Dark brown, SILT-clay, wet, crushed gray gravel at bottom.	
1										
2										
3										
4										
	0408	36	4-8		0.7				6 inches dark brown SILT and clay, wet 24 inches brown, SAND with some silt, wet, fine gravel. 6 inches brown, fine to medium SAND, gravel, wet. [LAB SAMPLE SB168-0507]	
5										
6						▼				
7										
8										
	0812	48	8-12		0.2				12 inches of brown, medium to fine SAND, some gravel, wet, 18 inches brown, poorly graded SAND, some gravel, wet, 3 inch gravel layer, white, crushed, 6 inch reddish brown to brown, SILT and clay, some gravel, 7 inch of brown, SAND with some silt, some gravel, wet.	
9										
10										
11										
12										
	1216	48	12-16		0.1				Brown, SAND with some silt and with some coarse sand and gravel,wet.	
13										
14										
15										
16										
	1620	48	16-20		0.3				Brown, fine to medium SAND, some gravel, wet.	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-169**
Boring Location: See Plan

Checked by: CWT
Date Start: October 27, 2008
Date Finish: October 27, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1					0.1					
2										
3										
4										
5	0004	36	4-8		0.4				Dark brown, dense, SAND with some silt, moist, 12 inches dark brown,saturated, dense, SAND with silt. 12 inches dark brown, Clay-Silt, some fine sand. 12 inches, moist, organics. [LAB SAMPLE SB169-0507]	
6										
7										
8						▼				
9	0408	42	8-12		0.1				6 inches of crushed white gravel; 6 inches of SAND with some Silt, brown. 12 inches of brown-red, clayey Silt, fine gravel. 18 inches of brown, saturated, medium to coarse sand.	
10										
11										
12										
13	0812	42	12-16		0.6				Brown, saturated, medium to coarse SAND followed by 12 inches of brown to light brown, poorly graded SAND, saturated. 12 inches of light brown, SAND with silt, wet.	
14										
15										
16										
17	1216	48	16-20		0				36 inches of light brown, medium to fine SAND, wet 12 inches of light brown, SAND with silt, wet.	
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-170**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor:	N/A	Rig Type / Model:	N/A	Ground Surface Elev.:	
Driller:	N/A	Hammer Type:	N/A	Top-of-Riser Elev.:	N/A
Nobis Rep.:	C. Rousseau	Hammer Hoist:	N/A	Datum:	NGVD

	Drilling Method	Sampler
Type	Hand Auger	N/A
Size (in.)	2 inches	2 ID
Advancement	Push	N/A

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Sample Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	Sample Description	Remarks
1						▼			Topsoil, dark brown, organics, roots, leaf litter, moist to wet, organics, soils with SAND and gravel, urban trash, glass, plastics, metals on surface.	
2									Well graded SAND with gravel and silt, dark brown, black, fine to coarse sand, some medium gravel, some silt, organics, non-cohesive, non-plastic, no odor noted, no fill material observed. [LAB SAMPLE SB170-0405]	
3										
4										
5	0405	12	4-5		0.1					
6									Bottom of exploration at 5 feet.	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-171**
Boring Location: See Plan

Checked by: CWT
Date Start: October 27, 2008
Date Finish: October 27, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
▼ 10/27/08	N/A	9.0	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	48	0-4		0.4				12 inches Brown, SAND with silt, dry followed by 12 inches of reddish brown silty sand and crusuhed white gravel 6 inches of brown SAND with silt and gravel, dry.	
1										
2										
3										
4										
	0408	24	4-8		0.6				18 inches of brown, SAND with silt and gravel, dry, crushed gravel/white/dry.	
5										
6										
7										
8										
	0812	18	8-12		0.2				8 inches of gray, crushed Gravel, fine sand, wet, brown SAND with silt and some gravel. [LAB SAMPLE SB171-1012]	
9						▼				
10										
11										
12										
	1216	18	12-16		4.1				Dark brown, SAND with silt and some gravel, saturated followed by 12 inches of gray SILT, wet,	
13										
14										
15										
16										
	1620	24	16-20		2.1				12 inches of dark brown, poorly graded sand, fine gravel, saturated followed by brown, SAND with silt, dense, wet, silt at bottom	
17										
18										
19										
20										
21									Bottom of exploration at 20 feet.	
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:16 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-172**
Boring Location: See Plan

Checked by: CWT
Date Start: October 29, 2008
Date Finish: October 29, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1									Fill. Geoprobe to 5 feet to collect the sample.	
2										
3										
4										
5						▼				
	0507	24	5-7		0.1				6 inches dark brown, SILT and clay, wet. 18 inches of brown, SAND with some silt, wet and fine gravel.	
6										
7										
8									Bottom of exploration at 7 feet.	
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-173**
Boring Location: See Plan

Checked by: CWT
Date Start: October 25, 2008
Date Finish: October 25, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Sample Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	Sample Description	Remarks
1									Fill. Geoprobe sampler to 5 feet to collect the sample. Refer Boring SB-155 for Startigraphic information.	
2										
3										
4										
5										
6	0507	24	5-7		0.1				12 inches of medium to coarse SAND, some fines, black followed by 12 inches of brown, medium to coarse SAND, dry.	
7										
8									Bottom of exploration at 7 feet.	
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-174**
Boring Location: See Plan

Checked by: CWT
Date Start: November 5, 2008
Date Finish: November 5, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	24	0-4		0.1				Brown, SAND with silt , some organic silt, poorly graded with some gravel, dry, non-plastic to mod. plastic.	
1										
2										
3										
4										
	0408	48	4-8		0.1				Brown, SAND with silt, some coarse sand, gravel, poorly graded sand, dry, non-plastic.	
5										
6										
7										
8						▼				
	0812	48	8-12		0.1				Brown, poorly graded SAND, little silt with some gravel, moist to saturatedt, non-plastic.	
9										
10										
11										
12										
13									Bottom of exploration at 12 feet.	
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-175**
Boring Location: See Plan

Checked by: CWT
Date Start: November 5, 2008
Date Finish: November 5, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: K Armitage

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	48	0-4		0.1				Black SAND with silt, some to little ash layer observed, dry, poorly graded.	
1										
2										
3										
4										
	0408	48	4-8		0.2				Similar to (0004) sample	
5										
6										
7										
8										
	0812	48	8-12		0.2				Similar to (0004) sample, saturated at 10 feet.	
9										
10						▼				
11										
12										
13									Bottom of exploration at 12 feet.	
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **SB-176**
Boring Location: See Plan

Checked by: CWT
Date Start: November 5, 2008
Date Finish: November 5, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Frank Harrington
Nobis Rep.: AR

Rig Type / Model: Geoprobe
Hammer Type: N/A
Hammer Hoist: N/A

Ground Surface Elev.:
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Geoprobe	Macro-Core Liners
Size (in.)	2 inches	2 ID
Advancement	Push	Drive and Push

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
	0004	18	0-4		0.1				Brown, SAND with silt, non-plastic, dry, organics.	
1										
2										
3										
4										
	0408	48	4-8		0.1				Similar to (0004) sample with gravel/rocks	
5										
6										
7										
8										
	0812	48	8-12		0.1				Brown, SAND with some silt. wet at 10 feet bgs.	
9										
10						▼				
11										
12										
13									Bottom of exploration at 12 feet.	
14										
15										
16										
17										
18										
19										
20										
21										
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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APPENDIX C

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-10**
Boring Location: See Plan

Checked by: CWT
Date Start: November 5, 2008
Date Finish: November 5, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 439.53 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

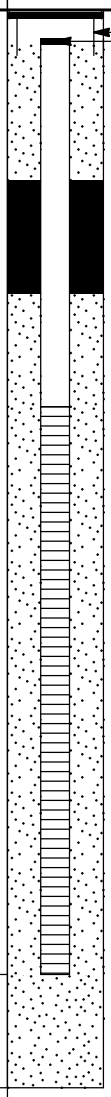
	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1								Top 5 feet of urban fill after performing the Vac. Truck Operation.	
2									
3									
4									
5									
6	0507	24	5-7	23 12				Brown, coarse to fine sand, some to little gravel, some asphalt and brick observed and probable ash at the bottom of the spoon. (FILL)	
7				10 10					
8	0709	6	7-9	13 8				Brown/dark brown, coarse to fine sand, some to little gravel, some concrete, brick and misc. fill like slag found (FILL)	
9				9 20					
10	0911	24	9-11	16 7	▼			Similar to (0709) sample.	
11				3					
12	1113	4	11-13	4 7				Similar to (0709) sample.	
13				13					
14	1315	6	13-15	12 5				Similar to (0709) Sample	
15				12 11					
16	1517	10	15-17	6 4				Silt with fine sand	
17				3 2			422.5		
18	1719	10	17-19	4 4				Silt with organics (PEAT.)	
19				6 6			420.5		
20								Bottom of exploration at 19 feet.	
21									
22									

WELL DETAIL



SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-11D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 4, 2008
Date Finish: November 5, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	439.91 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	P. Chavva	Hammer Hoist:	Wire Winch	Datum:	NGVD

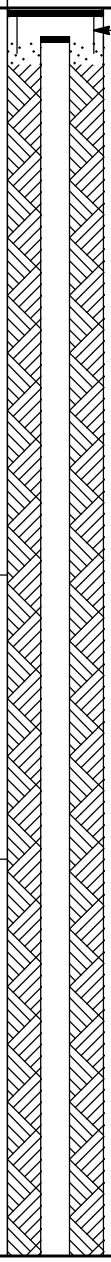
	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Sample Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	Sample Description	Remarks
1								No sampling performed for top 19 feet. Adjacent to boring MW-11S. Refer to MW-11S boring log for upper 19 feet of stratigraphy.	
2									
3									
4									
5									
6									
7									
8									
9					▼				
10							429.9		
11									
12									
13									
14									
15							424.9		
16									
17									
18									
19									
20	1921	20	19-21	17 33 64 100				SAND with some silt and gravel, brown, slightly oxidized, medium to fine sand, some to little silt, some gravel, saturated, very dense. (TILL) Casing to 24 feet . Roller bit to 24 feet.	
21									
22									

WELL DETAIL



SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-11D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 4, 2008
Date Finish: November 5, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	439.91 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	P. Chavva	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
23										
24										
25	2426	12	24-25.3	19 35 50/4"				Similar to above with more sand, split spoon refusal due to probable bedrock/boulder. Rollerbit to 29 feet.	Bentonite chips from 23 feet to 25 feet	
26									Filter sand from 25 feet to 27 feet.	
27										
28										
29										
30	2931	8	29-31	22 48 41 35				Similar to above(TILL), silty sand with gravel, rollerbit to 34 feet, cobbles/boulders at 32 and 33 feet. Casing to 34 feet. Rollerbit to 34 feet.		
31										
32									Top of screen 27 feet. Bottom of screen at 37 feet	
33										
34										
35	3436	20	34-36	28 50 50				Brown/black, medium Sand, some to little silt, sandy silt (Some stratification observed) with fine sand and silt layer, crushed gravel observed, spoon refusal due to probable bedrock/boulder. Rollerbit to 37 feet. Hit weathered bedrock to 42 feet. 42 to 42.5 feet sand seams and 42.5 feet to 45 feet weathered rock with boulder. Spoon bouncing at 45. Rollerbit to 46 feet. Probable bedrock at 46 feet. No coring performed.		
36										
37							402.9	Well installed at 37 feet. Bottom of exploration at 37 feet.		
38										
39										
40										
41										
42									Bentonite chips from 37 feet to 46 feet.	
43										
44										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-11D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 4, 2008
Date Finish: November 5, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: P. Chavva

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 439.91 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION: Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	LITHOLOGY: Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										
61										
62										
63										
64										
65										
66										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-11S**
Boring Location: See Plan

Checked by: CWT
Date Start: November 4, 2008
Date Finish: November 4, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	439.89 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	P. Chavva	Hammer Hoist:	Wire Winch	Datum:	NGVD

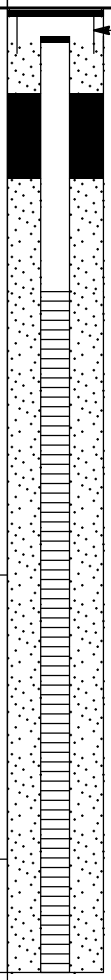
	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION
1								
2								
3								
4								
5								
6	0507	16	5-7	6 41	0			Brown to black at the bottom, coarse to fine SAND, some to little silt, moist, very dense, non-plastic, non-stratified, some gravel and trace roots observed (FILL), little coal and ash observed.
7				33 19				Estimated ground water at 7.5 feet.
8								
9						▼		
10							429.9	
11	1012	8	10-12	2 3	0			Brown, silty sand with organics, some wood observed, saturated. Auger to 15 feet. Gray color, silty sand to silt with gravel, probably till.
12				6 4				
13								
14								
15							424.9	
16	1517	8	15-17	6 29	0			Silty sand with gravel (SM), saturated (TILL). Auger to 17 feet, installed well at 17 feet.
17				50			422.9	
18								Bottom of exploration at 17 feet.
19								
20								
21								
22								

WELL DETAIL



REMARKS

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-12D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 19, 2008
Date Finish: November 19, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: K Armitage

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 441.2 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

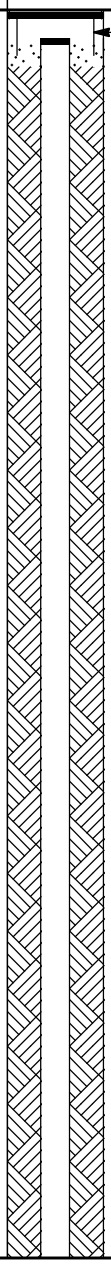
	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	REMARKS
1								Fill excavted using the Vac Truck.	
2									
3									
4									
5									
6	0507	16	5-7	10 18				Brown/dark brown, sand, silt and gravel, poorly graded, dense, moist, miscellaneous fill like concrete, brick. (FILL)	
7				25 24					
8	0709	8	7-9	11 18				Similar to S-1 and Misc fill like bricks, lime mortar, moist.	
9				9 6					
10	0911	20	9-11	4 WOH				Dark gray/brown/black, SILT with little gravel, misc. fill like ash, glass, brick, non-plastic, saturated, loose, soft , organics noted.	
11				1 1					
12	1113	6	11-13	WOH 1				4 inches of dark brown, SILTwith organics followed by dark gray, silty sand to silt with gravel, very soft, plastic, wet.	
13				2 2					
14	1315	6	13-15	4 4				Similar to S-4 with high percentage of gravel, probably hit a boulder or weathered bedrock. Drill rig rocking at 16 feet due to probable bedrock/boulder.	
15				6 15					
16									
17									
18									
19									
20	1921	0	19-21	15 22				Concrete	
21				29 45					
22									

WELL DETAIL



SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-12D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 19, 2008
Date Finish: November 19, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: K Armitage

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 441.2 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
23										
24										
	2426	12	24-26	36				Brown medium to coarse SAND, some fines, gravel, cobbles, wet, non-plastic, medium stiff/dense.	Cement grout from 1 feet to 49 feet.	
25				53						
				59						
26				55			415.2			
27										
28										
29										
	2931	10	29-31	20				Brown, SAND with some silt, trace medium to coarse sand, trace gravel, non-plastic, wet, non plastic, medium stiff/dense.		
30				28						
				28						
31				40						
32										
33										
34										
	3436	12	34-36	9				2 inch brown, silty Clay with gravel, wet, non-plastic, medium dense, 6 inch brown, SAND with some silt and clay, wet, non-plastic, medium dense followed by 4 inch brown, medium Sand, with fines, trace coarse sand wet, non-plastic, loose.		
35				16						
				17						
36				26						
37										
38										
39										
	3941	12	39-41	10				Similar to (2931) sample.		
40				19						
				19						
41				18						
42										
43										
44										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

BOREHOLE LOG REVISED - DATA TEMPLET MAY 2010.GDT - 8/20/10 15:14 - C:\DOCUMENTS AND SETTINGS\PCHAVVA.NOBIS\DESKTOP\SCOVILL SUPERFUND SITE.GPJ

Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-12D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 19, 2008
Date Finish: November 19, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	441.2 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	K Armitage	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
	4446	12	44-46	9				Light brown, 10 inches fine SAND with some silt , wet, non-plastic, medium dense, 2 inches fine SAND with silt and clay, wet, non-plastic, medium dense.		
45				14						
				14						
46				18			395.2			
47										
48										
49										
	4951	4	49-51	7				Light gray, SAND with silt and clay and gravel, trace medium to coarse sand, wet, non-plastic, dense sand and till.		
50				25					Bentonite chips from 49 feet to 51 feet.	
				25						
51				42						
52									Filtersand from 51 to 53 feet. Top of screen at 53 feet.	
53										
54										
	5456	12	54-56	26				Light brown, SAND with silt with trace coarse sand, gravel and rock, wet, non-plastic, loose to medium sand (TILL)		
55				33						
				34						
56				25						
57										
58										
59									Bottom of screen at 63 feet.	
	5961	8	59-61	42				Light brown, SAND with silt and trace medium sand, trace gravel, wet, non-plastic, medium dense to loose sand.		
60				53						
				21						
61				31			380.2			
62								Weathered bedrock at 63 feet. Stop at 65 feet bgs.		
63										
64									filter sand from 63 to 64 feet.	
65							376.2		Bentonite chips from 64 feet to 65	
66								Bottom of exploration at 65 feet.		

SAMPLE IDENTIFICATION

G - Geoprobe
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R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-12D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 19, 2008
Date Finish: November 19, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: K Armitage

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 441.2 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION: Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	LITHOLOGY: Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
									feet.	
67										
68										
69										
70										
71										
72										
73										
74										
75										
76										
77										
78										
79										
80										
81										
82										
83										
84										
85										
86										
87										
88										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-13**
Boring Location: See Plan

Checked by: CWT
Date Start: November 18, 2008
Date Finish: November 18, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: K Armitage

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 452.21 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
	0002	8	0-2	6				3 inches of topsoil, organics, wood pieces, dry, non-plastic. 3 inches of brown, silty Sand with gravel and rock, dry, non-plastic, loose, 2 inches of brown poorly graded Sand with silt, gravel, rock, dry, non plastic,loose.	Flush mounted. Road box (9/16" bolt size)	
1				7						
				16						
2				17						
3										
4										
5										
	0507	18	5-7	5				Light brown, poorly graded Sand, mostly medium with some coarse to fine sand, moist, non-plastic, loose, trace gravel.		
6				7						
				16						
7				17				9.5 feet bgs refusal with auger, move new location 4 feet closer to woods. set casing and core to 15 feet bgs, cutting ranges from gravelly Sand and rock to coarse to fine sand, all colors, shapes and sizes fo rock<1/4 inch diameter observed. Core from 15 to 20 feet bgs, poorly graded sand, mostly fine to medium Sand, some gravel observed.		
8										
9										
10										
11										
12									Bentonite chips from 11 to 13 feet.	
13										
14									Filter sand from 13 to 15 feet.	
15										
16										
17										
18										
19										
20										
	2022	12	20-22	21				Additional casing from 20 to 22 feet, brown, silty sand with medium sand, trace gravel, non-plastic, soft, medium dense, moist.	Top of screen at 15 feet. Bottom of screen at 25 feet.	
21				42						
				42						
22				62			430.2			

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
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R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-13**
Boring Location: See Plan

Checked by: CWT
Date Start: November 18, 2008
Date Finish: November 18, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: K Armitage

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 452.21 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
23										
24										
	2426	12	24-26	40				Brown, SAND with some silt and clay, gravel and rock/crushed rock throughout moist to wet, non-plastic, medium dense.		
25				88						
				18						
26				17						
27										
28										
29									Filter sand from 25 to 32 feet.	
	2931	10	29-31	9				Brown, poorly graded Sand medium to fine sand, some coarse, trace gravel, moist, non-plastic, medium dense.		
30				10						
				11						
31				10			421.2			
								Bedrock encountered at 31 feet and advance borehole to 32 feet. No sample recovery		
32							420.2			
								Bottom of exploration at 32 feet.		
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-3B**
Boring Location: See Plan

Checked by: CWT
Date Start: November 19, 2008
Date Finish: November 24, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	442.1 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	AR/KMA/CR	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
	0002	24	0-2	2						
1				7						
				8						
2				20						
	0204	10	2-4	12				Fine loose, brown/gray sand, some topsoil, trace fine gravel, moist, no odor, no staining observed.		
3				12						
				8						
4				11						
	0406	14	4-6	4				Ash/cinder fill, well sorted, charcoal, black color, low moisture, brick from 5 to 6 feet obserevd, no odor, some fine sands .		
5				6						
				4						
6				6						
	0608	6	6-8	3				Similar to 0406 sample		
7				5						
				5						
8				3						
	0810	2	8-10	WOH				Similar to 0406 sample		
9				1						
				2						
10				4						
	1012	0	10-12	5				Similar to 0406 sample		
11				3						
				1						
12				1						
	1214	12	12-13.6	2				Poorly graded , fine loose sand and silts, some peat with roots, little wood fractures, saturated, trace fine gravel, slight odor (non-petroleum), dark gray to dark brown (due to peat).		
13				2						
				1						
14				50/1"						
	1416	12	14-16	4				Similar to (1214) observed.		
15				2						
				2						
16				2						
	1618	22	16-18	1				Dark gray, silt and fine sands, some dark brown peat, very moist, odor present, (organic odor)		
17				1						
				WOH						
18				1						
	1820	21	18-20	9				Dark brown/gray, fine SANDs and silt, some wood fragments, saturated, slight odor present, trace fine gravel, very loose.		
19				11						
				9						
20				7						
	2022	6	20-22	40				Medium to fine sands, well graded, little coarse sand, trace silt, saturated, no odor, dark gray color observed with trace brown color.		
21				23						
				27						
22				25					← 8-inch casing	

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-3B**
Boring Location: See Plan

Checked by: CWT
Date Start: November 19, 2008
Date Finish: November 24, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	442.1 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	AR/KMA/CR	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
	2224	1	22-24	30				Poor recovery similar to (2022) sample.		
23				15						
				18						
24				22						
	2426	22	24-26	15				Light brown, medium and fine sands, well graded, moist, medium dense, no staining, no odor observed, trace fine gravel, trace coarse sand observed.		
25				26						
				27						
26				27						
	2628	24	26-28	6				Similar to (2426) Sample.		
27				11						
				12						
28				13						
	2830	24	28-30	3				Light brown, medium SAND, saturated, no odor, no staining , little fine sands, trace coarse sand, loose.		
29				7						
				9						
30				9						
	3032	24	30-32	2				Similar to (2830) sample.		
31				4						
				5						
32				6						
	3234	24	32-34	4				Similar to (2830) sample.		
33				6						
				7						
34				5						
	3436	24	34-36	2				Similar to (2830) sample.		
35				2						
				3						
36				6						
	3638	21	36-38	5				Similar to (2830) sample.		
37				9						
				12						
38				23						
	3840	24	38-40	2				Similar to (2830) sample.		
39				25						
				12						
40				25						
	4042	19	40-41.6	9				Glacial Till		
41				16						
				44						
42				50/1"						
43										
44										

WELL DETAIL: from 3 feet above ground to 43 feet below ground.

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT		
Scovill Superfund Site	Boring No:. MW-3B	
Waterbury, Connecticut	Boring Location: See Plan	
	Checked by: CWT	
Nobis File No:. 80018.03	Date Start: November 19, 2008	
	Date Finish: November 24, 2008	

Contractor: Seaboard Environmental Drilling Inc	Rig Type / Model: Mobil B-53	Ground Surface Elev.: 442.1 ft.
Driller: Robert Ingram	Hammer Type: Safety Hammer	Top-of-Riser Elev.: N/A
Nobis Rep.: AR/KMA/CR	Hammer Hoist: Wire Winch	Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION: Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	LITHOLOGY: Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
45								Weathered Bedrock.		
46										
47										
48										
49									Bentonite from 43 to 55 feet.	
50										
51										
52										
53										
54										
55								Start NX Rock core at 55 feet.		
56								GNEISS, unweathered, dark gray with black, medium crystalline, dry, Joints are low angled, rough, stepped fresh, open, no filling noted. RQD=97%		
57										
58										
59										
60										
61								GNEISS, unweathered, dark gray with black, medium crystalline, dry, Joint is low angled, rough, stepped, fresh, open, no filling noted. RQD=97%		
62										
63									NX rock core through bedrock from 55 to 70 feet.	
64										
65										
66								GNEISS, unweathered, dark gray with black, medium crystalline, dry, Primary Joints are low angled, moderately spaced, rough,		

SAMPLE IDENTIFICATION

G - Geoprobe
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U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-3B**
Boring Location: See Plan

Checked by: CWT
Date Start: November 19, 2008
Date Finish: November 24, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: AR/KMA/CR

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 442.1 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations					
Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION: Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	LITHOLOGY: Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
67								stepped, fresh and open. Secondary joint is high angled, rough, stepped, fresh, tight no filling noted. RQD=100%		
68										
69								GNEISS, unweathered, dark gray with black, medium crystalline, dry, No joints noted. RQD=77%		
70										
71										
72										
73										
74										
75										
76										
77										
78										
79										
80										
81										
82										
83										
84										
85										
86										
87										
88										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-7D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 14, 2008
Date Finish: November 17, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: AR/KMA

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 437.87 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
1									Road box (9/16" bolt size) Filter sand from 0.6 to 2 feet.	
2										
3										
4										
5										
6	0507	14	5-7	WOH 1				Dark brown/black, SAND, some to little silt, some to little gravel, some coal slag, non-plastic, soft, poorly graded, dry to moist, (SM) (FILL)		
7				WOH 1						
8	0709	7	7-9	1 3				Similar to S-1.		
9				5 7						
10	0911	18	9-11	4 5				Dark gray/black, SAND, silt and gravel, slag, misc. fill like coal, wood, lime mortar, non-plastic, poorly graded, saturated, medium dense. (Silty sand with gravel) (FILL)		
11				6 6						
12	1113	10	11-13	3 7	▼			Similar to S-3. Augered to 13 feet		
13				9 8						
14	1315	10	13-15	5 8				Black, gravel (fine), some to little sand, little to trace silt, slag, wet, non-plastic, medium dense. (FILL)		
15				6 8			422.9			
16	1517	16	15-17	1 2				14 inches similar to S-5 followed by 2 inches of brown, silt, organic, wet, non-plastic to mod. plastic, soft. (Pt.)		
17				1 1						
18	1719	14	17-19	1 3				Gray, silt, little fine sand, some organics, soft, saturated, non-stratified . (Pt.)		
19				4 1						
20	1921	13	19-21	8 15				S-8A: 10 inches of light gray, silt with sand , mostly silt, with some fine sand, trace medium sand, hard, organics noted in sample. S-8B: Orange, brown, silty sand , mostly fine sand, little medium sand, dense.		
21				24 29			416.9			
22								Drilling is hard at 24 feet. Continue advancing rollerbit down to 26 feet. Probable boulder.		

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-7D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 14, 2008
Date Finish: November 17, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	437.87 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	AR/KMA	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
23										
24										
25										
26										
	2628	0	26-28	WOH				No recovery. All the blow counts were weight of rods.		
27				WOH						
				WOH						
28				WOH						
29										
	2931	9	29-31	9				Light brown, poorly graded sand , mostly fine to medium sand, little coarse sand, medium dense. (ALLUVIUM)		
30				10						
				11						
31				11						
32										
33										
34										
	3436	12	34-36	5				Light brown, poorly graded sand with silt , mostly fine sand, thin, stratified, embedded silt layers noted in sample, medium dense. (ALLUVIUM)		
35				14						
				16						
36				30					cement grout from 2 feet to 69 feet.	
37										
38										
39										
	3941	16	39-41	6				Light brown, silty sand , mostly fine sand, some silt, 3 inch emebedded layer of fine to medium sand, loose.		
40				4						
				4						
41				7						
42										
43										
44										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-7D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 14, 2008
Date Finish: November 17, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	437.87 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	AR/KMA	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
	4446	10	44-46	8				Light brown, poorly graded sand , mostly fine sand, some medium sand, little coarse sand and fine gravel, medium dense, thin stratified, iron staining noted in sample. (ALLUVIUM)		
45				8						
				15						
46				8						
47										
48										
49							388.9			
	4951	10	49-51	19				Light gray, poorly graded sand , mostly fine sand, little medium sand , trace coarse sand and gravel, dense. (ABLATION TILL)		
50				20						
				17						
51				19						
52										
53										
54										
	5456	12	54-56	14				Similar to S-7		
55				15						
				16						
56				14						
57										
58										
59										
	5961	8	59-59.5	77				Similar to S-7, S-8 gravel at top of spoon.		
60				80						
				102/0"						
61										
62										
63										
64										
	6466	4	64-64.5	43				Casing set to 64 feet below ground surface. 50 blows for 3 inch/switch to 300-lb hammer, similar to S-7, S-8 and S-9.		
65				42/0"						
66										

SAMPLE IDENTIFICATION

G - Geoprobe
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REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-7D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 14, 2008
Date Finish: November 17, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: AR/KMA

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 437.87 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

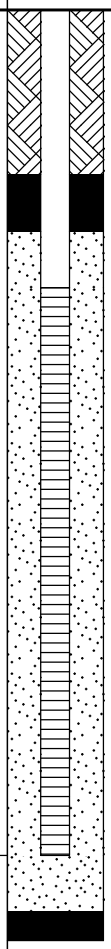
	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations					
Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION
67						
68						
69						
	6971	18	69-71	6		Gray, silty sand , moist, trace clay.
70				14		
				18		
71				28		
72						
73						
74						
	7476	0	74-74.5	100		Spoon was bouncing, rollerbit down to 80 feet below ground surface, no sample from 74 to 76 feet below ground surface, light gray, poorly graded sand , medium to coarse sand with trace fine gravel.
75						
76						
77						
78						
79						
80						
	8082	2	80-80.5	74		Bouncing for 63 blows , light gray, silty sand with gravel, trace coarse sand, rock in tip-drill bit down.
81				54/0"	356.9	
						81 to 83 feet weathered bedrock. Well installed at 81 feet.
82						
83					354.9	
84						Bottom of exploration at 83 feet.
85						
86						
87						
88						

Ground Water | LITHOLOGY: Log

WELL DETAIL



Bentonite chips from 69 feet to 70 feet.
Filter sand from 70 feet to 71 feet.
Top of screen at 71 feet. Bottom of screen at 81 feet.
Filter sand from 81 feet to 82 feet.
Bentonite chips from 82 feet to 82.5 feet.

REMARKS

SAMPLE IDENTIFICATION
G - Geoprobe
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REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-8D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: AR/KMA

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 442.94 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Sample Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	Sample Description	Well Detail	Remarks
1									Road box (9/16" bolt size) Filter sand from 0.6 to 3 feet.	
2										
3										
4									Bentonite chips from 3 feet to 6 feet.	
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20							422.9			
	2022	7	20-22	34				Brown, poorly graded sand , mostly fine to medium sand, little coarse sand and gravel, trace silt, very dense. (Ablation Till)		
21				39						
				27						
22				22						

Cement grout from 6 feet to 35 feet.

SAMPLE IDENTIFICATION
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R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-8D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	442.94 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	AR/KMA	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
23										
24										
25	2426	5	24-26	12 14 18 24			416.9	Brown, poorly graded sand , mostly medium sand, some fine sand, trace coarse sand and gravel (Alluvium)		
26										
27								Casing refusal at 26.5 feet. Drilling is hard at 26.5 feet. Rollerbit to 29 feet.		
28										
29										
30	2931	14	29-31	56 76 62 110				Brown, poorly graded sand with silt , mostly fine sand, little medium sand and silt, trace coarse sand and gravel, very dense (Ablation Till). Rollerbit		
31										
32										
33										
34										
35	3436	12	34-36	40 40 40 40				Similar to S-3		
36										
37									Bentonite chips from 35 feet to 37 feet.	
38										
39									Filter sand from 37 feet to 39 feet.	
40										
41	4042	10	40-42	69 51 47 29				Brown, poorly graded sand , mostly fine sand, little medium sand and coarse sand, gravel, trace silt, very dense (Ablation Till)		
42										
43										
44										

SAMPLE IDENTIFICATION

G - Geoprobe
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R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-8D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 11, 2008
Date Finish: November 11, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: AR/KMA

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 442.94 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations					
Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	LITHOLOGY Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
	4446	11	44-46	100				Brown, poorly graded sand , mostly medium sand, some fine sand, little coarse sand and gravel, very dense (Ablation Till)	Top of screen at 39 feet. Bottom of screen at 49 feet.	
45				57						
				84						
46				112						
47										
48										
49										
	4951	3	49-50	100				Refusal with 140-lb safety hammer. Advanced split spoon sampler wit 300-lb hammer upto 12 inches.		
50								S-7A: Light brown, poorly graded sand (SP), mostly fine sand, trace medium sand and silt (TILL) 8 inches		
51								S-7B: Weathered rock (4 inches)		
52								Boring terminated at 53 feet. in probable bedrock.	Bentonite chips from 49 feet to 53 feet.	
								Well installed at 49 feet.		
53							389.9			
54								Bottom of exploration at 53 feet.		
55										
56										
57										
58										
59										
60										
61										
62										
63										
64										
65										
66										

SAMPLE IDENTIFICATION
G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-8S**
Boring Location: See Plan

Checked by: CWT
Date Start: November 7, 2008
Date Finish: November 7, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	443.04 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	K Armitage	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	SAMPLE INFORMATION: Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	LITHOLOGY: Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
1									Road box (9/16" bolt size)	
2										
3									Filter sand from 0.6 feet to 5 feet.	
4										
5								Brown, dry, poorly graded SAND, medium to coarse sand, some fines , rocky.		
6										
7									Bentonite chips from 5 feet to 8 feet.	
8										
9								Brown, dry, poorly graded SAND, crushed, white rock, rocky.	Filter sand from 8 feet to 10 feet.	
10										
11										
12										
13								24 inches of brown, medium to fine SAND, crushed white rock, some rocks. 24 inches of brown, medium to coarse SAND, some rocks, moist.		
14					▼					
15										
16									Top of screen 10 feet. Bottom of screen at 20 feet.	
17								Brown, dry , medium to coarse SAND, rocky.		
18										
19										
20							423.0			
21								Bottom of exploration at 20 feet.		
22										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-9D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	437.3 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	AR	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
1									Road box (9/16" bolt size) Filter sand from 0.6 feet to 2 feet. Bentonite chips from 2 feet to 3 feet.	
2										
3										
4										
5										
6	0507	20	5-7	8 8 9 10				Brown, coarse to fine SAND, trace silt, some gravel, medium dense, non-plastic, non stratified (FILL)		
7										
8										
9										
10										
11	1012	10	10-12	WOH WOH WOH WOH				Dark, gray, SILT with some Ash, very soft, non-plastic, non stratified.		
12									Cement grout from 3 feet to 21 feet.	
13										
14										
15										
16	1517	10	15-17	9 23 30 25				Dark gray/black, SILT with some sand, very dense, non-plastic, non stratified. (Probable Fill)		
17										
18										
19							418.3			
20	1924	10	19-21	22 29 43 34				Light gray/brown, poorly graded SAND, mostly fine sand, little medium sand, coarse sand and gravel, thin embeded silt layer noted in sample. (Ablation Till)		
21										
22									Bentonite chips from 21	

SAMPLE IDENTIFICATION

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R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-9D**
Boring Location: See Plan

Checked by: CWT
Date Start: November 13, 2008
Date Finish: November 13, 2008

Contractor: Seaboard Environmental Drilling Inc
Driller: Robert Ingram
Nobis Rep.: AR

Rig Type / Model: Mobil B-53
Hammer Type: Safety Hammer
Hammer Hoist: Wire Winch

Ground Surface Elev.: 437.3 ft.
Top-of-Riser Elev.: N/A
Datum: NGVD

	Drilling Method	Sampler
Type	Casing	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Drive and Wash	140-lb Hammer

Groundwater Observations					
Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
23									feet to 22 feet. Filter sand from 22 feet to 24 feet.	
24										
	2426	14	24-26	13				Light brown, poorly graded SAND with silt, mostly fine sand, little coarse sand, medium sand, silt, fine gravel, very dense (Ablation Till)		
25				37				Advane borings to 29 feet.		
				28						
26				23						
27									Top of screen at 24 feet. Bottom of screen at 29 feet.	
28										
29										
	29	0	29-29	50/0"				Drilling is hard at 29 feet. Split spoon refusal. Advanced rollerbit to 32 feet into probable bedrock. Boring terminated at 32 feet.		
30									Filter sand from 29 feet to 30 feet.	
31							406.3			
32							405.3		Bentonite chips at bottom from 30 feet to 32 feet.	
33								Bottom of exploration at 32 feet.		
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										

SAMPLE IDENTIFICATION

G - Geoprobe
S - Split Spoon
U - Undisturbed Sample
R - Core Run

REMARKS:

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Nobis Engineering, Inc.

PROJECT

Scovill Superfund Site
Waterbury, Connecticut

Nobis File No:. 80018.03

Boring No:. **MW-9S**
Boring Location: See Plan

Checked by: CWT
Date Start: October 31, 2008
Date Finish: October 31, 2008

Contractor:	Seaboard Environmental Drilling Inc	Rig Type / Model:	Mobil B-53	Ground Surface Elev.:	437.4 ft.
Driller:	Robert Ingram	Hammer Type:	Safety Hammer	Top-of-Riser Elev.:	N/A
Nobis Rep.:	P. Chavva	Hammer Hoist:	Wire Winch	Datum:	NGVD

	Drilling Method	Sampler
Type	HSA	Split-Spoon
Size (in.)	4-1/4 inches	1-3/8 ID
Advancement	Spin	140-lb Hammer

Groundwater Observations

Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time
		dry	NA		

Depth (ft.)	Type & No.	Rec (in.)	Depth (ft)	Blows/ 6 in.	PID	Ground Water	Log	Elev./ Desc. (ft.)	SAMPLE DESCRIPTION	WELL DETAIL	REMARKS
1										Road box (9/16" bolt size) Filter sand from 0.6 feet to 3 feet.	
2											
3											
4										Bentonite chips from 3 feet to 4 feet. Filter sand from 4 feet to 5 feet.	
5											
	0507	20	5-5.6	8	0				Brown, coarse to fine SAND, trace silt, some gravel, medium dense, non-plastic, non-stratified (SP). (Reworked Fill)		
6				8							
				9							
7				10/0"							
8											
9											
10											
	1012	16	10-11	WOH	0				Dark gray, SILT with some ash, very soft, non-plastic, non-stratified. (Probable Fill)	Top of screen at 5 feet and bottom of screen at 15 feet.	
11				WOH							
				WOH							
12				WOH/0"							
13											
14											
15											
	1517	10	15-16.4	9	0				Dark gray/black, SILTwith some sand, very dense, non-plastic, non stratified. (Probable Fill)		
16				23							
				30							
17				25/0"				420.4			
									Bottom of exploration at 17 feet.		
18											
19											
20											
21											
22											

SAMPLE IDENTIFICATION

G - Geoprobe
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U - Undisturbed Sample
R - Core Run

REMARKS:

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APPENDIX D

Nobis Engineering, Inc. nobisengineering.com

GROUNDWATER LEVEL MEASUREMENT LOG SHEET

SOP No: HYD-003 | Page: 1 of 1
Date: 11/24/08 | Rev.:
Prepared by: KMA/CR
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03/0320
Personnel: Kelly A. & Corey R.

Temperature Range: 25-32°F
Precipitation: None
Wind Speed/Direction: 5-10 mph NE

EQUIPMENT INFORMATION

Type of Meter (circle): Water Level / Interface Probe
Serial No.:
Nobis No.: NA

Type of Monitoring Equipment (circle): PID / FID / Other
Serial No.:
Nobis No.: NA
Latest Calibration Date: 11/24/08

FIELD DATA

Well or Piezometer No.	Time	Reference Point (SP, RB, PVC)	Water Level Reading (ft)	Total Depth Reading (ft)	Adjusted Depth (ft)	Groundwater Elevation (ft)	PID or FID Reading (ppm)	Observations
MW-1	15:20	PVC	2.78	12.69			<1	tubing med/sm
MW-2S	14:00	PVC	2.73	10.30			<1	tubing med
MW-3S	15:30	SP	10.65	17.00			1.6	tubing med.
MW-3D	15:35	SP	11.00	51.00			<1	
MW-3B	11/26	SP	10.	73.00				
MW-4S	11/25	PVC						needs ice chipping, no roadbox cover
MW-4D	15:00	PVC	12.33	44.90			<1	
MW-5	15:10	PVC	10.31	16.64				tubing med/sm
MW-6S	14:30	PVC	8.00	14.87				tubing med
MW-6D	14:45	PVC	6.89	49.24				tubing med/sm
MW-7S	13:15	PVC	8.74	17.60				7gall. +
MW-7D	13:30	PVC	8.87	80.00				40 gall. +
MW-8S	13:45	PVC	13.77	19.89				7 gall. +
MW-8D	13:55	PVC	12.50	49.18				40 gall. +
MW-9S	12:45	PVC	6.72	13.43				5 gall. +
MW-9D	12:50	PVC	7.42	29.04				3 gall. +
MW-10	12:15	PVC	9.59	16.93				45 gall. +
MW11S	12:40	PVC	8.74	17.60				3.5 gall. +
MW-11D	13:00	PVC	8.87	~~80.00~~	unscrew	threaded	cap - top	3 gall. +
MW-12S	11:50	PVC	10.25	15.80			of pvc	5 gall. +
MW-12D	12:00	PVC						5 gall. +
MW-13	13:55	PVC	14.87	24.65				18 gall +

11/25 for WL

NOTES: SP - Standpipe, RB - Road Box, PVC - Riser

P2-1	14:55	RB/PVC	14.04	15.25

Signature:

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WELL DEVELOPMENT LOG SHEET

SOP No: HYD-003
Date: 11/26/08
Page: 1 of 1
Rev.:
Prepared by: KMA
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03/0320
Personnel: Kelly A. & Corey R.

Temperature Range: 32-45°F
Precipitation: NONE
Wind Speed/Direction: 5-10 mph NW

EQUIPMENT INFORMATION

Type of Meter (circle): Water Level / Interface Probe
Serial No.:
Nobis No.:

Type of Monitoring Equipment (circle): PID / FID / Other
Serial No.:
Nobis No.:
Latest Calibration Date:

FIELD DATA

Well / Piezometer No.	Reference Point (SP, RB, PVC)	Water Level Reading (ft)	Turbidity (NTU)	Comments
MW-1	PVC	—	—	
MW-2S	PVC	1.98	—	purge 3 gall.
MW-3S	SP	—	—	
MW-[illegible]	SP	—	—	
MW-[illegible]	SP	10.85	—	TD=73.00, purge 45+gall
MW-[illegible]	PVC	12.22	—	no purge vol.
MW-4[illegible]	PVC	—	—	
MW-[illegible]	PVC	—	—	
MW-[illegible]	PVC	—	—	
MW-[illegible]	PVC	—	—	
MW-[illegible]	PVC	7.89	—	35 gall purge
MW-[illegible]	PVC	Pump died		
MW-[illegible]	PVC	—	—	
MW-[illegible]	PVC	—	—	
MW-[illegible]	PVC		—	17 gall purge
MW-[illegible]	PVC		—	24 gall purge
MW-[illegible]	PVC	8.26	—	45 gall purge - black water
MW-[illegible]	PVC			3 gall purge - dry
MW-[illegible]	PVC			3 gall purge - dry
MW-[illegible]	PVC			
MW-[illegible]	PVC			
MW-[illegible]	PVC			

NOTE: SP - Standpipe, RB - Road Box, PVC - Riser

Signature: _____

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WELL DEVELOPMENT LOG SHEET

SOP No: HYD-003
Date: 12/2/08
Page: 1 of 1
Rev.:
Prepared by:
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03/0320
Personnel: Kelly A. & Corey R.

Temperature Range: 37-45 F
Precipitation: None
Wind Speed/Direction: 10-15mph NW

EQUIPMENT INFORMATION

Type of Meter (circle): Water Level / Interface Probe
Serial No.: NA
~~Nobis No.:~~ 066058
PINE

Type of Monitoring Equipment (circle): PID / FID / Other
Serial No.: ~~NA~~
Nobis No.: ~~NA~~
Latest Calibration Date: ~~NA~~ 12/2/08
LaMotte 2020

FIELD DATA

Well or Piezometer No.	Reference Point (SP, RB, PVC)	Water Level Reading (ft)	Turbidity (NTU)	Comments
MW-1	PVC	—	—	
MW-2S	PVC	2.59	Er.2	purge 3gall., turb over range, very silty.
MW-3S	SP	—	—	
MW-3D	SP	—	—	
MW-4S	SP	—	6.97	No purge
MW-4S	PVC	10.11	102.0	TD=16.74, purge 4 gall, jar collected for turb.
MW-4D	PVC	—	—	
MW-5	PVC	—	—	
MW-6S	PVC	—	—	
MW-6D	PVC	—	—	
MW-7S	PVC	9.65	12.0	TD 80.60 purge 4gall, jar collected for turb.
MW-7D	PVC	9.33	113	TD 17.30 purge 3gall, jar collected for turb.
MW-8S	PVC	13.70	32.70	TD 19.65' Jar Collected for Turb.
MW-8D	PVC	12.42	3.68	TD 48.90' Jar Collected for Turb.
MW-9S	PVC	6.71	9.85	Jar collected for Turbidity - TD 14.65', Gray, Cloudy, Fines ±5gal purged
MW-9D	PVC	8.05	14.2	Jar collected for Turb. - TD 29.00', Cloudy ±5 gal purged
MW-10S	PVC	—	14.20	No purge
MW-11S	PVC	7.38	3.15	TD 16.53' Jar collected for Turb., ±4gal purged
MW-11D	PVC	8.79	11.4	TD 36.74' Jar collected for Turb., ±2gal
MW-12S	PVC	10.21	9.39	no purge
MW-12D	PVC	11.14	8.96	no purge.
MW-13	PVC	14.58	29.3	purge 6 gall., TD 24.71

NOTES: SP - Standpipe, RB - Road Box, PVC - Riser

Signature: _____

APPENDIX E

E-1

Monitoring Well Water Quality Parameters

Scovill Industrial Landfill Superfund Site

Waterbury, Connecticut

Groundwater Quality Measurements **Updated: 10/13/2010**

MW1	**12/18/2008**	**3/4/2009**	**6/15/2009**	**9/3/2009**	**12/1/2009**	**3/10/2010**	**6/25/2010**	**10/7/2010**
Temperature (˚C)	10.55	8.53	12.58	14.64	11.95	9.60	14.45	14.55
Specific Conductivity (mS/m)	0.263	0.248	0.293	0.241	0.304	0.320	0.282	0.27
pH	6.10	6.20	6.15	5.87	6.10	5.61	5.78	5.27
ORP (mV)	191.20	124.6	226.3	195.6	169.3	200.00	215.60	-217.20
DO (mg/L)	7.59	10.32	9.40	10.02	8.74	8.72	10.43	9.74
Turbidity (NTU)	6.86	6.99	5.36	6.37	2.55	15.80	8.43	2.37
MW2	**12/18/2008**	**3/4/2009**	**6/15/2009**	**8/31/2009**	**12/3/2009**	**3/10/2010**	**6/23/2010**	**10/6/2010**
Temperature (°C)	9.67	6.82	13.33	16.97	12.30	8.01	15.10	15.93
Specific Conductivity (mS/m)	0.601	0.620	0.859	0.668	0.974	0.861	1.028	0.904
pH	6.35	6.45	6.44	6.78	6.53	6.18	6.18	6.43
ORP (mV)	-9.20	-35.7	-8.9	-102.7	-91.3	-389.00	79.10	-61.20
DO (mg/L)	0.94	0.58	0.25	0.22	0.81	Invalid	0.14	0.48
Turbidity (NTU)	7.47	7.02	16.3	19.90	6.98	11.00	20.10	15.10
MW3S	**12/18/2008**	**3/3/2009**	**6/16/2009**	**9/1/2009**	**12/2/2009**	**3/9/2010**	**6/24/2010**	**10/7/2010**
Temperature (°C)	9.94	7.37	10.10	13.70	12.60	7.27	11.34	13.82
Specific Conductivity (mS/m)	0.554	0.731	0.584	0.745	0.759	0.639	0.745	0.669
pH	6.90	7.12	7.04	6.14	7.22	6.87	5.20	6.83
ORP (mV)	-109.30	-108.1	-118.2	-86.8	-145.5	34.90	-62.20	-145.30
DO (mg/L)	1.93	0.34	0.05	5.49	0.18	1.96	0.19	0.84
Turbidity (NTU)	6.43	5.02	3.7	3.88	0.81	1.54	2.69	4.11
MW3D	**12/18/2008**	**3/4/2009**	**6/16/2009**	**9/1/2009**	**12/2/2009**	**3/9/2010**	**6/24/2010**	**10/7/2010**
Temperature (°C)	9.69	9.77	11.28	11.98	11.61	10.97	12.37	11.81
Specific Conductivity (mS/m)	0.380	0.389	0.330	0.397	0.391	0.391	0.479	0.346
pH	7.24	7.51	7.38	7.29	7.81	6.99	5.75	7.28
ORP (mV)	-198.70	27.1	210.2	303.2	27.9	204.60	406.10	84.20
DO (mg/L)	Invalid	3.67	3.36	3.85	3.20	3.83	3.77	3.41
Turbidity (NTU)	4.92	4.23	2.0	0.33	0.65	1.05	4.11	4.82

E-1

Monitoring Well Water Quality Parameters

Scovill Industrial Landfill Superfund Site

Waterbury, Connecticut

MW3B	**12/19/2008**	**3/3/2009**	**6/16/2009**	**9/1/2009**	**12/2/2009**	**3/9/2010**	**6/25/2010**	**10/7/2010**
Temperature (°C)	9.61	9.46	12.28	12.90	11.30	10.05	14.07	12.86
Specific Conductivity (mS/m)	0.375	0.315	0.266	0.299	0.303	0.296	0.355	0.295
pH	11.44	10.37	10.65	7.94	10.02	8.70	7.45	8.98
ORP (mV)	-167.80	-69.2	96.2	506.2	24.5	182.00	411.20	138.30
DO (mg/L)	1.12	0.98	0.70	1.14	1.07	1.40	1.74	1.44
Turbidity (NTU)	19.10	9.84	8.1	11.90	10.19	14.80	6.01	8.66
MW4S	**12/17/2008**	**3/4/2009**	**6/17/2009**	**9/2/2009**	**12/1/2009**	**3/9/2010**	**6/22/2010**	**10/6/2010**
Temperature (°C)	14.46	11.67	14.21	16.22	14.83	13.27	14.41	15.73
Specific Conductivity (mS/m)	0.698	0.525	0.426	0.356	0.507	0.402	0.372	0.482
pH	6.24	6.31	6.00	5.23	6.46	5.94	6.03	6.39
ORP (mV)	-167.90	139.0	203.4	112.0	156.3	-162.60	134.20	50.00
DO (mg/L)	Invalid	1.12	0.40	1.21	6.35	0.92	0.59	0.18
Turbidity (NTU)	3.77	1.40	1.2	5.68	5.07	0.35	3.89	2.13
MW4D	**12/17/2008**	**3/3/2009**	**6/18/2009**	**9/3/2009**	**12/1/2009**	**3/9/2010**	**6/23/2010**	**10/6/2010**
Temperature (°C)	12.88	11.92	13.78	15.14	12.68	12.90	13.78	13.54
Specific Conductivity (mS/m)	0.227	0.369	0.182	0.247	0.307	0.242	0.270	0.248
pH	6.07	6.35	6.19	6.09	6.21	5.82	5.82	5.72
ORP (mV)	-197.90	216.2	181.1	121.9	198.1	-202.00	202.20	-42.30
DO (mg/L)	Invalid	4.87	4.60	100.2*	6.50	5.57	7.44	7.10
Turbidity (NTU)	69.20	43.3	61	161	30.2	9.90	17.80	2.52
MW5	**12/18/2008**	**3/6/2009**	**6/18/2009**	**9/3/2009**	**12/1/2009**	**3/11/2010**	**6/24/2010**	**10/7/2010**
Temperature (°C)	14.72	12.18	13.84	15.87	15.43	13.50	15.35	16.75
Specific Conductivity (mS/m)	0.490	0.498	0.334	0.666	0.617	0.584	0.508	0.527
pH	6.18	6.21	6.00	5.99	6.04	5.89	5.92	6.06
ORP (mV)	-223.90	24.6	32.3	88.2	40.7	64.30	35.40	10.60
DO (mg/L)	Invalid	0.91	0.91	1.15	0.30	1.49	0.44	0.62
Turbidity (NTU)	3.98	3.65	7.8	5.93	8.1	4.12	4.13	6.71

E-1

Monitoring Well Water Quality Parameters

Scovill Industrial Landfill Superfund Site

Waterbury, Connecticut

MW6S	12/17/2008	3/4/2009	6/16/2009	9/2/2009	12/2/2009	3/11/2010	6/22/2010	10/5/2010
Temperature (°C)	12.87	7.99	12.96	16.88	14.08	8.91	14.34	16.53
Specific Conductivity (mS/m)	1.119	0.971	0.668	0.670	0.937	0.817	0.855	0.693
pH	6.70	6.75	6.66	6.44	6.60	6.36	6.37	6.71
ORP (mV)	-115.90	-102.5	-77.1	-45.1	-105.3	-63.90	-78.80	-90.90
DO (mg/L)	0.72	2.38	0.78	4.13	1.30	0.91	0.84	2.50
Turbidity (NTU)	4.91	1.39	4.29	3.49	10.00	2.98	3.01	4.61
MW6D	**12/17/2008**	**3/3/2009**	**6/16/2009**	**9/2/2009**	**12/2/2009**	**3/11/2010**	**6/22/2010**	**10/5/2010**
Temperature (°C)	12.62	11.30	13.33	15.12	12.30	11.73	14.22	14.37
Specific Conductivity (mS/m)	0.375	0.398	0.343	0.296	0.381	0.365	0.358	0.362
pH	8.03	7.61	7.80	7.70	7.59	6.89	6.87	7.54
ORP (mV)	38.20	162.7	19.4	74.2	163.3	119.90	274.40	163.80
DO (mg/L)	3.80	2.00	2.98	4.15	2.82	4.00	3.43	3.73
Turbidity (NTU)	142.00	24.3	14.6	26.9	11	28.40	13.60	20.50
MW7S	**12/16/2008**	**3/5/2009**	**6/17/2009**	**8/31/2009**	**12/1/2009**	**3/10/2010**	**6/24/2010**	**10/5/2010**
Temperature (°C)	13.46	9.41	12.99	16.48	15.77	12.71	15.00	16.71
Specific Conductivity (mS/m)	0.467	0.720	0.661	0.628	0.404	0.677	0.706	0.710
pH	6.48	6.49	6.59	6.35	6.60	6.17	6.27	6.10
ORP (mV)	-30.80	-12.5	17.9	9.10	6.10	32.40	26.30	-232.00
DO (mg/L)	3.00	0.38	0.30	1.38	0.25	0.70	0.31	0.34
Turbidity (NTU)	1.89	5.58	5.36	1.17	2.48	2.52	1.11	3.43
MW7D	**12/15/2008**	**3/5/2009**	**6/17/2009**	**9/1/2009**	**12/1/2009**	**3/10/2010**	**6/24/2010**	**10/5/2010**
Temperature (°C)	13.88	10.76	13.84	14.55	12.83	12.92	14.22	13.98
Specific Conductivity (mS/m)	0.298	0.334	0.275	0.253	0.370	0.316	0.319	0.266
pH	7.94	8.46	8.12	9.65	8.01	6.99	7.70	7.96
ORP (mV)	305.90	13.4	190.0	41.8	-19.5	118.50	27.10	68.10
DO (mg/L)	Invalid	2.62	2.18	2.31	2.85	2.50	2.44	2.53
Turbidity (NTU)	104.30	35.8	14.9	17.7	44.5	34.70	30.60	19.80

E-1

Monitoring Well Water Quality Parameters

Scovill Industrial Landfill Superfund Site

Waterbury, Connecticut

MW8S	12/17/2008	3/6/2009	6/17/2009	9/2/2009	12/1/2009	3/9/2010	6/22/2010	10/4/2010
Temperature (°C)	12.74	11.61	11.63	13.64	12.17	11.21	12.05	14.24
Specific Conductivity (mS/m)	0.486	0.278	0.319	0.297	0.42	0.384	0.566	0.473
pH	6.11	5.91	5.88	4.82	5.72	6.58	4.39	5.34
ORP (mV)	-198.30	189.0	272.7	167.8	208.2	-80.30	410.70	161.40
DO (mg/L)	Invalid	7.68	5.91	1.61	2.06	3.25	4.09	0.33
Turbidity (NTU)	4.06	1.35	6.1	1.12	4.0	1.19	2.11	0.78
MW8D	**12/16/2008**	**3/6/2009**	**6/17/2009**	**9/2/2009**	**12/1/2009**	**3/9/2010**	**6/22/2010**	**10/4/2010**
Temperature (°C)	11.29	11.72	12.49	12.80	11.51	11.93	12.71	12.44
Specific Conductivity (mS/m)	0.521	0.370	0.357	0.369	0.468	0.479	0.513	0.419
pH	7.00	7.07	7.14	7.34	7.08	7.97	5.14	6.88
ORP (mV)	-205.40	126.8	221.3	80.00	167.2	-87.30	436.90	108.20
DO (mg/L)	Invalid	4.17	4.74	4.96	4.57	4.30	4.48	8.85
Turbidity (NTU)	4.70	5.52	6.8	8.87	8.1	3.42	4.57	8.29
MW9S	**12/15/2008**	**3/5/2009**	**6/17/2009**	**9/3/2009**	**12/3/2009**	**3/11/2010**	**6/23/2010**	**10/5/2010**
Temperature (°C)	13.06	7.38	16.12	20.93	15.31	5.46	16.94	20.05
Specific Conductivity (mS/m)	0.656	0.569	0.353	0.468	0.483	0.386	0.398	0.547
pH	7.01	6.55	6.64	6.37	6.56	5.93	6.07	6.65
ORP (mV)	-198.10	5.0	-11.3	144.6	11.3	-240.80	121.50	-188.60
DO (mg/L)	Invalid	0.60	0.35	3.04	0.41	1.69	0.36	0.28
Turbidity (NTU)	8.02	37.8	30	9.51	7.3	4.10	18.80	4.99
MW9D	**12/15/2008**	**3/5/2009**	**6/16/2009**	**9/2/2009**	**12/3/2009**	**3/10/2010**	**6/22/2010**	**10/5/2010**
Temperature (°C)	13.88	11.60	14.07	15.43	14.98	12.03	16.19	15.72
Specific Conductivity (mS/m)	0.309	0.368	0.206	0.286	0.204	0.271	0.240	0.214
pH	6.02	6.19	5.65	5.50	6.08	5.55	5.73	6.10
ORP (mV)	-205.40	68.5	65.9	507.7	111.8	-93.10	69.80	85.40
DO (mg/L)	Invalid	1.24	0.38	6.73	3.51	0.92	0.39	1.14
Turbidity (NTU)	2.96	7.77	7.9	7.09	13	7.98	3.67	5.89

E-1

Monitoring Well Water Quality Parameters

Scovill Industrial Landfill Superfund Site

Waterbury, Connecticut

MW10	**12/16/2008**	**3/4/2009**	**6/15/2009**	**9/2/2009**	**12/3/2009**	**3/12/2010**	**6/23/2010**	**10/7/2010**
Temperature (°C)	14.72	11.94	14.20	15.81	15.96	11.23	15.15	16.48
Specific Conductivity (mS/m)	0.84	0.817	0.850	0.901	0.946	0.936	0.774	0.663
pH	7.33	7.14	7.03	5.58	6.93	6.57	5.37	6.42
ORP (mV)	-107.30	-98.0	-75.0	282.5	-79.9	-28.90	-51.40	-107.00
DO (mg/L)	2.50	0.53	0.26	Invalid	0.21	1.35	0.14	0.43
Turbidity (NTU)	4.93	3.91	13.1	6.59	3.18	2.04	2.71	3.94
MW11S	**12/16/2008**	**3/5/2009**	**6/16/2009**	**9/1/2009**	**12/2/2009**	**3/11/2010**	**6/23/2010**	**10/6/2010**
Temperature (°C)	11.71	7.49	12.10	15.77	13.01	8.30	14.48	-
Specific Conductivity (mS/m)	0.34	0.485	0.334	0.356	0.562	0.384	0.550	-
pH	6.90	6.74	6.74	7.08	7.01	6.91	6.76	-
ORP (mV)	-103.60	-99.6	-103.8	-129.5	-101.8	-386.70	-107.70	-
DO (mg/L)	1.82	0.85	0.34	0.77	0.95	0.56	0.39	-
Turbidity (NTU)	165.00	14.8	26	10.50	7.08	11.00	4.66	-
MW11D	**12/15/2008**	**3/5/2009**	**6/16/2009**	**9/2/2009**	**12/2/2009**	**3/11/2010**	**6/21/2010**	**10/6/2010**
Temperature (°C)	12.88	10.48	12.14	13.14	12.15	10.72	12.76	13.67
Specific Conductivity (mS/m)	0.458	0.600	0.361	0.399	0.540	0.508	0.463	0.378
pH	6.23	6.40	5.90	6.08	6.19	6.24	5.71	6.16
ORP (mV)	100.90	95.9	240.2	96.1	205.8	-255.60	257.30	159.00
DO (mg/L)	6.32	5.11	5.64	9.68	5.69	Invalid	5.72	5.54
Turbidity (NTU)	1.98	5.43	5.6	4.72	4.09	80.00	2.88	4.70
MW12S	**12/17/2008**	**3/6/2009**	**6/15/2009**	**9/1/2009**	**11/30/2009**	**3/8/2010**	**6/21/2010**	**10/4/2010**
Temperature (°C)	14.19	10.16	13.61	18.17	14.70	10.70	15.66	16.48
Specific Conductivity (mS/m)	0.892	1.022	0.784	1.565	1.402	2.242	2.324	1.58
pH	7.44	7.63	7.14	6.86	7.23	6.87	7.05	7.27
ORP (mV)	-82.90	-160.1	-221.1	-111.8	-115.7	-55.60	-62.50	141.00
DO (mg/L)	1.69	1.13	13.6	2.35	0.23	0.52	3.66	0.83
Turbidity (NTU)	114.00	10.1	45	132	364	6.72	11.10	5.93

E-1

Monitoring Well Water Quality Parameters

Scovill Industrial Landfill Superfund Site

Waterbury, Connecticut

MW12D	12/17/2008	3/6/2009	6/15/2009	8/31/2009	11/30/2009	3/11/2010	6/22/2010	10/6/2010
Temperature (°C)	13.31	12.01	13.35	13.77	13.54	12.63	14.22	14.47
Specific Conductivity (mS/m)	0.442	0.503	0.315	0.421	0.424	0.403	0.361	0.430
pH	6.68	6.54	6.30	6.42	6.77	6.27	6.28	6.41
ORP (mV)	38.30	114.2	191.1	221.7	88.8	-53.10	166.70	111.00
DO (mg/L)	6.64	3.74	Invalid	3.30	4.01	5.04	4.49	3.78
Turbidity (NTU)	24.20	6.09	5.3	6.53	34.3	3.79	16.30	6.09
MW13	**12/19/2008**	**3/4/2009**	**6/17/2009**	**9/1/2009**	**12/3/2009**	**3/10/2010**	**6/24/2010**	**10/7/2010**
Temperature (°C)	12.68	11.21	12.41	14.52	14.24	11.48	14.18	14.80
Specific Conductivity (mS/m)	0.402	0.331	0.237	0.256	0.339	0.293	0.339	0.430
pH	5.78	5.07	5.47	-9.99	5.90	5.60	5.56	5.40
ORP (mV)	234.00	186.9	263.4	179.5	183.40	-222.10	203.30	192.90
DO (mg/L)	9.29	8.51	12.04	10.19	7.38	9.44	8.43	7.03
Turbidity (NTU)	5.00	1.57	4.9	5.11	1.29	10.00	3.73	10.02

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No:	SA-003	Page:	1 of
Date:		Rev.:	0

Prepared by:

Approved by: R

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): PRANAY CHAVVA

Temperature Range: 32° – 33°

Precipitation: 30

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I

Sample ID: 80018-GM-MW1-1208

Sample Date / Time: 12/18/08 / 1500

QA/QC Sample (circle): MS / MSD / DUP

QA/QC Sample Time: 1500 QR

Initiail Water Level: 1.39

Equipment Information

Pump Type: BLADDER PUMP

Pump Name/ID: QED 07173

Water Level Name/ID: SOLINST 42198

Multimeter Name/ID: YSI 65 MPS 11407

Turbidity Name/ID: Lo Profile 2020 05499

WELL ID: MW-1

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1330	1.75	15/11/4	220	Set up pump, fill flow-through cell, etc.					
1340	1.81	15/11/4	220	10.57	0.266	6.18	139.8	9.94	307
1345	1.77	15/11/4	220	10.62	0.266	6.15	147.4	9.62	197
1350	1.79	15/11/4	220	10.64	0.265	6.12	154.9	9.50	112
1355	1.80	15/11/4	220	10.55	0.263	6.11	160.4	9.16	57.4
1400	1.80	15/11/4	220	10.45	0.262	6.10	165.4	8.90	37.4
1405	1.80	15/11/4	220	10.42	0.261	6.10	170.2	8.67	24.2
1410	1.80	15/11/4	220	10.45	0.262	6.10	173.4	8.47	20.2
1415	1.79	15/11/4	220	10.50	0.263	6.10	176.4	8.36	15.3
1420	1.79	15/11/4	220	10.56	0.263	6.10	178.7	8.23	11.3
1425	1.79	15/11/4	220	10.57	0.263	6.10	181.8	8.05	11.4
1430	1.79	15/11/4	220	10.60	0.264	6.11	183.8	7.99	10.82
1435	1.79	15/11/4	220	10.62	0.264	6.10	185.2	7.91	10.37
1440	1.79	15/11/4	220	10.59	0.263	6.10	186.6	7.79	10.16
1445	1.79	15/11/4	220	10.58	0.263	6.10	188.3	7.68	7.23
1450	1.79	15/11/4	220	10.56	0.263	6.10	189.9	7.62	6.72
1455	1.79	15/11/4	220	10.55	0.263	6.10	191.2	7.59	6.86
1500 ← SAMPLE COLLECTED									
	MS/MSD Collected @ 1500 QR								

COMMENTS:

Signature: C. Ranjan

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 Rev.: 0

YSI 650 MDS #11407
LaMotte 2020 05499
SOLINST 42198
BED - 07173

12/18/08

Well ID: MW-2S Initial = 2.39

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
0900	2.32	20/11/4	160	—	—	—	—	—	—
0905	2.94	20/11/4	160	9.35	0.557	6.41	-40.2	5.43	414
0910	3.09	20/11/4	160	9.38	0.593	6.44	-42.5	4.10	243
0915	3.19	20/11/4	160	9.36	0.611	6.45	-41.9	3.34	163
0920	3.24	20/11/4	160	9.28	0.612	6.46	-38.6	3.04	132
0925	3.27	20/11/4	140	9.27	0.613	6.46	-37.4	2.58	115
0930	3.29	20/11/4	140	9.31	0.615	6.46	-36.2	2.36	92.9
0935	3.33	20/11/4	160	9.40	0.619	6.45	-33.8	2.16	72.4
0940	3.35	20/11/4	140	9.45	0.618	6.43	-31.1	2.31	57.8
0945	3.36	20/11/4	140	9.52	0.616	6.42	-28.1	1.92	43.7
0950	3.38	20/11/4	140	9.57	0.616	6.41	-25.9	1.73	35.2
0955	3.37	20/11/4	140	9.58	0.614	6.41	-24.3	1.61	30.6
1000	3.36	20/11/4	140	9.60	0.612	6.40	-22.5	1.55	28.8
1005	3.36	20/11/4	140	9.61	0.608	6.40	-21.0	1.52	22.0
1010	3.37	20/11/4	140	9.61	0.606	6.39	-18.9	1.48	20.0
1015	3.37	20/11/4	140	9.63	0.604	6.38	-17.5	1.47	16.7
1020	3.35	20/11/4	140	9.62	0.603	6.38	-16.6	1.43	15.4
1025	3.36	20/11/4	140	9.61	0.602	6.37	-15.4	1.39	14.4
1030	3.34	20/11/4	140	9.64	0.601	6.37	-14.1	1.36	14.6
1035	3.35	20/11/4	140	9.62	0.600	6.37	-13.5	1.33	12.8
1040	3.35	20/11/4	140	9.62	0.601	6.36	-13.0	1.30	11.3
1045	3.35	20/11/4	140	9.64	0.601	6.36	-12.1	1.21	11.5
1050	3.35	20/11/4	140	9.67	0.601	6.36	-11.5	1.18	10.12
1055	3.35	20/11/4	140	9.64	0.601	6.35	-10.7	1.10	9.20
1100	3.35	20/11/4	140	9.66	0.601	6.35	-10.4	1.01	7.13
1105	3.35	20/11/4	140	9.69	0.601	6.35	-10.0	0.97	7.42
1110	3.35	20/11/4	140	9.67	0.601	6.35	-9.2	0.94	7.47
1115	SAMPLE COLLECTED.								

COMMENTS: light brown/light yellow color in the water due to silted sand. Slightly rusted (probable Fe)

Signature: _____

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): KMA

Temperature Range: ±40°F
Precipitation: —
Wind Speed/Direction: —

SAMPLE INFORMATION

Sampling Round: 1
Sample ID: 80018-GW-MW3B-1208
Sample Date / Time: 12/18/08/1525

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 11.05

Equipment Information

Pump Type: bladder pump
Pump Name/ID: QED
Water Level Name/ID: Solinst

Multimeter Name/ID: YSI
Turbidity Name/ID: La Motte 2020

WELL ID: MW-3B

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1400	11.05	70/10/5	140	Set up pump, fill flow-through cell, etc.					
1410	11.32	70/10/5	140	7.86	0.360	8.07	-171.2	4.31	31.4
1415	11.54	70/10/5	100	9.08	0.276	9.74	-246.6	2.66	22.4
1420	11.65	70/10/5	100	9.31	0.288	10.77	-243.8	2.26	21.8
1425	11.71	70/10/5	100	9.37	0.318	11.10	-216.8	1.94	19.2
1430	11.75	70/10/5	100	9.46	0.334	11.16	-205.1	1.82	19.7
1435	11.79	70/10/5	100	9.50	0.351	11.24	-200.2	1.68	19.0
1440	11.80	70/10/5	100	9.50	0.349	11.27	-189.4	1.43	16.2
1445	11.82	70/10/5	100	9.50	0.357	11.35	-179.2	1.24	15.4
1450	11.83	70/10/5	100	9.55	0.363	11.38	-174.2	1.24	15.1
1455	11.83	70/10/5	100	9.54	0.366	11.41	-171.0	1.17	15.4
1500	11.85	70/10/5	100	9.54	0.368	11.42	-170.7	1.13	16.6
1510	11.85	70/10/5	100	9.63	0.376	11.43	-168.9	1.11	17.4
1515	11.85	70/10/5	100	9.64	0.377	11.43	-168.0	1.11	18.6
1520	11.85	70/10/5	100	9.61	0.375	11.44	-167.8	1.12	19.1
1525	Collect samples								

COMMENTS:

Signature: _____

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of 2 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Shell Dockran

Temperature Range:
Precipitation:
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I
Sample ID: MW 3D
Sample Date / Time: 12/19/08 0815

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 10.09

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: —
Water Level Name/ID: Solinst 101

Multimeter Name/ID: YSI MDS 650
Turbidity Name/ID: LaMotte 2020

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10	
0815	10.20	10.0/5.0	320 mL	Set up pump, fill flow-through cell, etc.						
0820	10.25			10.22	0.374	6.72	-177.6	98.1	118	
0825	10.24			10.24	0.377	6.79	-180.7	122.9	109.0	
0830	10.27			10.20	0.377	6.84	-182.4	112.8	88.8	
0835	10.21			10.34	0.376	6.90	-180.9	106.2	48.8	
0840	10.21			10.39	0.375	6.95	-184.6	97.1	33.2	
0848	10.23	10.0/5.0	360 mL	8.95	0.375	7.03	-187.4	52.1	25.8	*
0855	10.10			10.40	0.375	7.07	-183.3	113.4	—	
0905	10.21	10.0/5.0	200 mL	7.15	0.380	7.11	-189.7	103.4	15.4	xx
0910	10.14			9.34	0.374	7.06	-188.3	102.7	19.4	
0915	10.19			9.66	0.375	7.13	-190.6	94.9	13.6	
0920	10.20			9.56	0.374	7.14	-191.2	57.3	11.3	
0925	10.20			9.62	0.373	7.14	-191.1	48.3	11.4	
0930	10.20			9.72	0.373	7.15	-191.8	47.9	9.93	
0935	10.21			9.62	0.374	7.16	-191.3	47.3	10.71	
0940	10.20			9.81	0.374	7.20	-193.4	46.9	9.95	
0945	10.20			9.81	0.375	7.20	-193.9	45.7	8.15	
0950	10.20			9.80	0.376	7.21	-194.3	44.5	7.36	
0955	10.20			9.92	0.377	7.21	194.4	42.3	6.98	

COMMENTS: * Generator check, replaced.
xx Discharge cycle pump Replaced

Signature: Shelli Dockran

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

Well ID: MW-3D

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1000	10.21	10.0/5.0	200 mL	9.96	0.379	7.21	-194.2	40.4	6.36
1005	10.21	↓	↓	10.03	0.380	7.25	-200.9	70.1	5.23
1010	10.20			10.00	0.379	7.24	-200.7	78.5	5.16
1015	10.21			9.77	0.378	7.22	-199.8	63.2	6.24
1020	10.21			9.68	0.378	7.23	-197.7	61.9	6.14
1025	10.21	↓	↓	9.69	0.380	7.24	-198.7	59.2	4.92
1030									

COMMENTS:

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Signature: Sheli Dod

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003 | Page: 1 of
Date: 12/18/08 | Rev.: 0
Prepared by: KMA
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): KMA

Temperature Range: ±30°F
Precipitation: overcast
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I
Sample ID: 80018-GW-MW35-1208
Sample Date / Time: 12/18/08 1045

QA/QC Sample (circle): MS / MSD / DUP 108
QA/QC Sample Time: 1200
Initiail Water Level: 9.94

Equipment Information

Pump Type: bladder pump
Pump Name/ID: QED
Water Level Name/ID: Solinst

Multimeter Name/ID: YSI
Turbidity Name/ID: LaMotte 2020

WELL ID: MW-35

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
0917	9.94	50/10/5	130	Set up pump, fill flow-through cell, etc.					
0925	9.95	40/10/5	130	9.83	0.704	6.67	-110.0	3.74	overrange
0930	9.93	40/10/5	130	9.87	0.665	6.73	-104.8	3.31	149
0935	9.93	40/10/5	130	9.83	0.658	6.74	-101.4	3.13	128
0940	9.95	40/10/5	130	9.99	0.644	6.76	-102.0	2.51	90.5
0945	9.93	40/10/5	130	10.10	0.636	6.78	-102.8	3.17	58.1
0950	9.95	40/10/5	130	10.06	0.620	6.81	-106.9	2.74	32.0
0955	9.93	40/10/5	130	9.99	0.611	6.82	-107.6	2.91	27.5
1000	9.93	40/10/5	130	10.01	0.606	6.84	-108.4	2.67	24.3
1005	9.95	40/10/5	130	10.05	0.584	6.86	-111.3	2.43	17.3
1010	9.95	40/10/5	130	10.03	0.581	6.86	-111.2	2.47	16.1
1015	9.93	40/10/5	130	10.00	0.577	6.87	-112.3	2.49	14.8
1020	9.95	40/10/5	130	9.95	0.572	6.88	-112.5	2.18	12.2
1025	9.95	40/10/5	130	9.99	0.563	6.89	-111.0	2.14	9.72
1030	9.94	40/10/5	130	9.92	0.560	6.89	-110.2	2.10	8.49
1035	9.95	40/10/5	130	10.00	0.558	6.90	-109.2	1.96	7.21
1040	9.95	40/10/5	130	9.94	0.554	6.90	-109.3	1.93	6.43
1045	Sample								

COMMENTS: purge water is black - no odor at initial start

Signature:

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of 2 Rev.: 0
		Prepared by: Approved by:	

Site Name:	Scovill Industrial Landfill Superfund Site - Waterbury, CT	Temperature Range:	
Project Number/Task:	80018	Precipitation:	
Sampler(s):	SHELI DOWKRETO	Wind Speed/Direction:	

SAMPLE INFORMATION

Sampling Round:	I	QA/QC Sample (circle):	MS / MSD , DUP
Sample ID:	MW 4D	QA/QC Sample Time:	
Sample Date / Time:	12/18/08 0850	Initiail Water Level:	11.25

Equipment Information

Pump Type:	Bladder Pump	Multimeter Name/ID:	YSI MDS 1650
Pump Name/ID:		Turbidity Name/ID:	LaMotte 2020
Water Level Name/ID:	Solinst 101		

WELL ID: MW 4D

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
0850	11.25	11.0/4.0	200 mL	Set up pump, fill flow-through cell, etc.					
0855	11.29			12.69	0.258	6.28	-205.7	90.9	487
0900	11.28			12.72	0.49	6.12	-206.9	87.6	296
0910	11.29			12.78	0.235	6.07	-208.8	85.9	254
0915	11.30			12.69	0.232	6.03	-209.9	86.1	212
0920	11.30			12.62	0.230	6.02	-211.8	86.0	198
0925	11.30			12.68	0.229	6.00	-209.2	84.5	172
0930	11.30			12.73	0.230	6.01	-207.8	83.1	155
0935	11.32			12.73	0.230	6.00	-204.2	79.3	169
0940	11.33			12.73	0.229	5.99	-202.2	77.8	156
0945	11.30			12.73	0.228	5.99	-200.4	76.3	141
0950	11.30	11.0/4.0	200 mL	12.73	0.228	5.99	-200.0	74.0	129
0955	11.30			12.75	0.228	5.99	-198.4	73.6	118
1000	11.31			12.79	0.227	5.99	-198.8	72.6	112
1005	11.31			12.78	0.227	5.99	-198.3	70.9	106.3
1010	11.32			12.77	0.227	5.99	-198.0	69.2	101.5
1020	11.31			12.71	0.227	5.99	-197.8	67.7	89.1
1025	11.30			12.62	0.226	5.99	-197.6	65.7	63.2
1030	11.31			12.43	0.226	6.00	-197.4	65.0	60.7

COMMENTS:

Lid was frozen shut upon opening + excess water was built up around GW tube.

Signature: Sheli Dow

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

Well ID: MW 4D

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1035	11.31	11.0/4.0	160 mL	12.64	0.226	6.00	-197.1	64.3	55.7
1045	11.29			12.66	0.227	6.03	-196.1	62.4	55.7
1050	11.30	10.0/5.0	300 mL	12.76	0.227	6.03	-198.0	65.7	73.8
1055	11.30			12.70	0.227	6.09	-196.9	97.1	81.3
1100	11.29	11.0/4.0	240 mL	12.62	0.228	6.08	-195.8	92.7	92.5
1110	11.29			12.79	0.226	6.08	-198.0	93.2	64.1
1115	11.31			12.83	0.227	6.07	-198.0	90.7	66.7
1120	11.32			12.88	0.227	6.07	-197.9	89.3	69.2

COMMENTS:

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Signature: Shelli Dol

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of
Date:		Rev.:	0

Prepared by:

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Shell Dockrand

Temperature Range:

Precipitation:

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I

Sample ID: MW4S

Sample Date / Time: 1340 12/17/08

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 11.0

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID:

Water Level Name/ID: Solinst 101

Multimeter Name/ID: MDS 650 (YSI)

Turbidity Name/ID: Lamotte 2020

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1340	11.0	10.0/5.0	220 mL	Set up pump, fill flow-through cell, etc.					
1345	10.98			14.25	0.652	6.30	-201.7	41.2	112
1350	10.95			14.51	0.676	6.29	-195.0	31.7	37.1
1405	10.97			14.62	0.683	6.27	-180.4	21.9	12.0
1410	10.97			14.56	0.688	6.26	-178.9	19.8	~~10.9~~ SWD 10.9
1415	10.98			14.45	0.695	6.25	-174.5	19.0	8.22
1420	10.98			14.45	0.699	6.24	-173.8	18.1	4.69
1425	10.97			14.45	0.698	6.25	-172.9	17.6	3.98
1430	10.98			14.46	0.698	6.24	-167.9	17.8	3.77

COMMENTS:

Signature:

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of 2 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli Dookran

Temperature Range:
Precipitation:
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I
Sample ID: MW5
Sample Date / Time: 1315 12/18/08

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 9.11

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID:
Water Level Name/ID: Solinst 101

Multimeter Name/ID: YSI MDS 650
Turbidity Name/ID: LaMotte 2020

WELL ID: MW 5

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1315	9.11	10.0/5.0	320 mL	Set up pump, fill flow-through cell, etc.					
1320	9.29	11.0/4.0	200 mL	14.73	0.491	6.16	-198.8	40.3	194.
1325	9.20			14.74	0.490	6.15	-217.5	16.3	116
1330	9.20			14.72	0.490	6.16	-220.3	12.1	98.1
1335	9.20			14.71	0.490	6.16	-220.0	10.6	76.2
1340	9.21			14.73	0.489	6.14	-220.4	8.7	42.6
1345	9.20			14.66	0.489	6.13	-220.8	8.3	37.9
1350	9.20			14.68	0.490	6.14	-221.0	26.3	33.8
1355	9.20			14.66	0.490	6.15	-222.5	22.2	22.2
1400	9.21			14.61	0.489	6.13	-222.7	20.7	19.5 *
1405	9.20			14.59	0.490	6.13	-222.1	19.8	16.3
1410	9.19	11.0/4.0	160 mL	14.54	0.490	6.16	-223.0	12.8	13.8
1415	9.20			14.59	0.490	6.16	-218.6	9.7	12.6
1420	9.20			14.61	0.490	6.17	-217.5	7.3	11.9
1425	9.21			14.79	0.491	6.17	-223.7	6.7	8.14
1430	9.20			14.84	0.491	6.18	-227.0	6.4	7.95
1435	9.21			14.79	0.490	6.18	-224.7	5.8	7.15
1440	9.21			14.77	0.490	6.17	-224.0	5.1	6.70
1445	9.20			14.77	0.490	6.18	-226.3	4.9	5.91

COMMENTS:
Changed batteries in YSI + turbidity meter

Signature: Sheli Dookran

NOBIS	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

Well ID: MW 5

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1450	9.20	11.0/40	160 mL	14.75	0.490	6.19	-228.8	4.5	5.43
1455	9.21			14.81	0.490	6.18	-207.2	5.8	5.61
1500	9.20			14.85	0.490	6.19	-206.7	5.5	5.81
1505	9.20			14.86	0.490	6.19	-227.4	4.1	5.00
1510	9.20			14.86	0.490	6.18	-227.6	3.9	4.02
1515	9.20			14.72	0.490	6.18	-223.9	5.7	3.98

COMMENTS:

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Signature: Shili Dool

NUS	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of 1 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): PRANAY CHAVVA

Temperature Range: 30 -32°F
Precipitation: 90%
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I
Sample ID: 80018-GW-MW65-1208
Sample Date / Time: 12/17/08 / 1345

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 7.19

Equipment Information

Pump Type: BLADDER PUMP
Pump Name/ID: BED 10132.
Water Level Name/ID: MW-65

Multimeter Name/ID: YSI 650 MDS 11407
Turbidity Name/ID: LaMotte 2005499

WELL ID: MW-65

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
0915	7.21	20/10/5	140	Set up pump, fill flow-through cell, etc.					
0920	7.31	20/10/5	140	12.78	0.713	6.76	-116.5	1.91	280
0925	7.36	20/10/5	140	12.82	0.715	6.76	-117.4	0.79	200
0930	7.38	20/10/5	140	12.77	0.721	6.76	-114.1	0.83	100
0935	7.38	20/10/5	140	12.54	0.759	6.78	-115.0	0.42	60
0940	7.39	20/10/5	140	12.42	0.795	6.79	-114.0	0.92	40
0945	← STOPPED	B COZ	OF THE	YSI (	DO MEMBRANE	FAILURE) →			
1245	7.39	20/10/5	140	13.18	0.912	6.68	-94.7	2.17	38
1250	7.41	20/10/5	160	13.24	0.921	6.68	-98.1	2.40	23
1255	7.45	20/10/5	200	13.20	0.945	6.69	-104.7	2.31	15
1300	7.46	20/10/5	200	13.14	0.976	6.70	-108.7	2.52	11
1305	7.47	20/10/5	220	13.12	1.012	6.70	-111.9	1.76	9.2
1310	7.47	20/10/5	220	13.10	1.031	6.70	-113.5	1.49	7.7
1315	7.49	20/10/5	220	13.03	1.064	6.71	-116.0	0.95	8.9
1320	7.50	20/10/5	220	12.99	1.087	6.71	-116.9	0.89	8.7
1325	7.50	20/10/5	220	12.92	1.112	6.71	-117.4	0.62	8.29
1330	7.50	20/10/5	220	12.90	1.119	6.71	-116.2	0.67	5.35
1335	7.50	20/10/5	220	12.89	1.121	6.71	-116.0	0.70	4.73
1340	7.50	20/10/5	220	12.87	1.119	6.70	-115.9	0.72	4.91

COMMENTS: 1345 → SAMPLE COLLECTED

Signature: C. Pankow

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of 2 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): PRANAY CHAVVA

Temperature Range: 28° – 31°
Precipitation: 90.1
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I
Sample ID: 80018-GW-MW6D-1208
Sample Date / Time: 12/17/08 / 1720

QA/QC Sample (circle): ~~MS/MSD~~, ~~DUP~~
QA/QC Sample Time:
Initiail Water Level: 5.89

Equipment Information

Pump Type: BLADDER PUMP
Pump Name/ID: GED 1 07173.
Water Level Name/ID: SOLINST 39251

Multimeter Name/ID: YSI 650 MDS 11407
Turbidity Name/ID: LaMotte 2020 05499

WELL ID: MW-6D

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1500	5.75	40/1015	280	Set up pump, fill flow-through cell, etc.					
1505 (P)	7.63	40/1015	280	12.41	0.385	8.38	-28.5	5.21	878
1520	8.34	40/1015	280	12.64	0.381	8.46	-22.3	4.50	965
1525	8.29	40/1015	190	12.47	0.380	8.42	-14.7	4.34	988
1530	8.21	35/1015	190	12.44	0.379	8.43	-8.3	4.27	824
1535	8.17	35/1015	190	12.43	0.379	8.39	-2.9	4.17	772
1540	8.12	35/1015	190	12.46	0.378	8.34	2.0	4.07	728
1545	8.12	35/1015	190	12.46	0.378	8.32	5.7	3.99	763
1550	8.19	35/1015	200	12.45	0.378	8.32	7.7	3.95	716
1555	8.25	35/1015	200	12.50	0.378	8.31	10.3	3.93	698
1600	8.31	35/1015	200	12.54	0.377	8.29	12.5	3.95	666
1605	8.29	35/1015	200	12.46	0.377	8.24	16.1	3.94	579
1610	8.21	35/1015	190	12.51	0.376	8.20	19.0	3.93	484
1615	8.20	35/1015	190	12.45	0.376	8.17	21.5	3.93	435
1620	8.16	35/1015	200	12.50	0.376	8.14	23.5	3.89	375
1625	8.14	35/1015	200	12.55	0.376	8.13	25.1	3.91	297
1630	8.14	35/1015	200	12.48	0.376	8.11	26.4	3.91	294
1635	8.14	35/10/8	200	12.50	0.376	8.10	28.1	3.87	249
1640	8.14	35/10/08	200	12.43	0.376	8.08	30.3	3.86	206

COMMENTS:

Signature: [signature]

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

Well ID: MW-6D 12/17/08

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1645	8.14	35/10/5	200	12.46	0.375	8.08	31.4	3.85	206
1650	8.25	35/10/5	200	12.51	0.375	8.07	31.5	3.86	186
1655	8.25	35/10/5	200	12.54	0.375	8.06	32.5	3.87	161
1700	8.21	35/10/5	200	12.55	0.375	8.05	34.0	3.83	153
1705	8.19	35/10/5	200	12.55	0.375	8.05	35.5	3.83	140
1710	8.20	35/10/5	200	12.57	0.375	8.04	36.7	3.79	142
1715	8.20	35/10/5	200	12.62	0.375	8.03	38.2	3.80	142
1720 ← SAMPLE COLLECTED									

COMMENTS:

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Signature: [signature]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of 1
Date:		Rev.:	0
Prepared by:			
Approved by:			

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): PRANAY CHAVVA

Temperature Range: 34°F -36°F
Precipitation: 70%
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: 1
Sample ID:
Sample Date / Time: 12/16/08 / 1010

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 7.39

Equipment Information

Pump Type: BLADDER PUMP
Pump Name/ID: QED 10132
Water Level Name/ID: MW-75

Multimeter Name/ID: YSI 650 MDS 11407
Turbidity Name/ID: LaMotte 2020 / 02032

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
9:00	7.39	20/10/5	160	Set up pump, fill flow-through cell, etc.					
0905	7.39	20/10/5	160	12.79	0.462	6.47	-16.6	14.6%	56.0
0910	7.41			13.40	0.471	6.48	-24.9	7.1	35.0
0915	7.40			13.44	0.467	6.48	-26.4	6.2	22.1
0920	7.40		160	13.46	0.469	6.48	-27.4	5.2	17.2
0925	7.40			13.46	0.469	6.48	-27.3	4.8	13.3
0930	7.40			13.52	0.468	6.48	-27.9	4.0	10.65
0935	7.40		160	13.59	0.470	6.48	-28.6	3.9	7.53
0940	7.40			13.57	0.469	6.48	-29.6	3.8	4.57
0945	7.40			13.48	0.469	6.48	-30.4	3.3	3.27
0950	7.40		160	13.59	0.469	6.48	-30.2	3.2	2.22
0955	7.40			13.56	0.468	6.48	-30.7	3.1	1.75
1000	7.40			13.49	0.467	6.48	-30.8	3.1	1.83
1005	7.40		160	13.46	0.467	6.48	-30.8	3.0	1.69
1010	SAMPLE COLLECTED								

COMMENTS:

Signature:

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

NOBTS

SOP No: SA-003 | Page: 1 of 2
Date: 12/15/08 | Rev.: 0
Prepared by: PC
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03 Task 320
Sampler(s): PRANAY CHAVVA

Temperature Range: 50°-52°F
Precipitation: –
Wind Speed/Direction: –

SAMPLE INFORMATION

Sampling Round: 1
Sample ID: MW-7D
Sample Date / Time: 12/15/08 / 1345

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 8.11

Equipment Information

Pump Type: BLADDER PUMP
Pump Name/ID: QED 07173
Water Level Name/ID: SOLINST 03874

Multimeter Name/ID: YSI 650MDS 11407
Turbidity Name/ID: LaMotte 2020 5499

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1035	8.11	50/10/5		Set up pump, fill flow-through cell, etc.					
1040	8.21	50/10/5	140	13.70	0.323	8.07	186.2	37.2	NA
1045	8.24	50/10/5	140	13.77	0.321	8.07	190.3	35.8	OverRange.
1050	8.20	50/10/5	140	13.85	0.320	8.06	200.4	38.7	OverRange
1055	8.19	50/10/5	140	13.87	0.320	8.05	208.9	40.9	OverRange
1100	8.19	50/10/5	140	13.88	0.319	8.03	215.9	44.2	OverRange
1105	8.19	50/10/5	140	13.88	0.318	8.01	225.7	49.6	OverRange
1110	8.18	50/10/5	140	13.83	0.318	8.01	229.5	49.4	OverRange
1120	8.12	50/10/5	140	13.79	0.315	8.00	240.4	52.6	898
1125	8.12	50/10/5	140	13.79	0.316	7.99	243.7	52.9	718
1130	8.14	50/10/5	140	13.81	0.314	7.98	250.1	53.9	649
1135	8.12	50/10/5	140	13.85	0.312	7.98	253.8	54.6	545
1140	8.12	50/10/5	140	13.87	0.311	7.97	256.9	54.5	538
1145	8.13	50/10/5	140	13.82	0.312	7.97	260.5	55.4	466
1150	8.13	50/10/5	135	13.80	0.311	7.97	263.2	55.7	442
1155	8.14	50/10/5	140	13.77	0.311	7.97	266.0	56.3	409
1200	8.15	50/10/5	140	13.80	0.311	7.98	267.6	56.3	371
1205	8.15	50/10/5	140	13.79	0.310	7.98	269.7	56.5	320
1210	8.17	50/10/5	140	13.79	0.310	7.98	271.6	56.1	283

COMMENTS: Highly Turbid for the first 30 minutes.

Signature: C Pen[illegible]

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 12/15/08	Page: 2 of 2 Rev.: 0

Well ID: MW-7D

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1215	8.19	50/10/5	140	13.77	0.307	7.98	278.5	56.4	261
1220	8.19	50/10/5	140	13.71	0.307	7.98	275.0	56.8	251
1225	8.19	50/10/5	140	13.78	0.305	7.97	276.5	60.0	226
1230	8.19	50/10/5	140	13.83	0.304	7.97	278.9	60.2	219
1235	8.19	50/10/5	140	13.85	0.302	7.97	281.9	59.5	190
1240	8.19	50/10/5	140	13.82	0.301	7.96	284.7	59.5	182
1245	8.19	50/10/5	140	13.84	0.301	7.96	287.4	58.3	159
1250	8.19	50/10/5	140	13.90	0.300	7.95	289.5	58.2	153
1255	8.18	50/10/5	140	13.90	0.299	7.95	292.9	58.4	148
1300	8.18	50/10/5	140	13.84	0.298	7.94	295.6	58.8	151
1305	8.18	50/10/5	140	13.83	0.298	7.95	296.1	61.2	132
1310	8.18	50/10/5	140	13.86	0.298	7.95	297.2	60.1	128
1315	8.19	50/10/5	140	13.90	0.298	7.95	298.9	60.1	130
1320	8.19	50/10/5	140	13.91	0.298	7.94	300.6	61.5	107.9
1325	8.19	50/10/5	140	13.88	0.298	7.94	301.8	61.7	106.2
1330	8.19	50/10/5	140	13.85	0.297	7.94	303.9	61.2	105.1
1335	8.19	50/10/5	140	13.87	0.299	7.94	305.4	61.3	100.0
1340	8.19	50/10/5	140	13.88	0.298	7.94	305.9	61.4	104.3
1345	←		SAMPLE	COLLECTED					→

COMMENTS:

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Signature:

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of 1 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli Dockrau

Temperature Range:

Precipitation:

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I

Sample ID: MW8 S

Sample Date / Time: 12/17/08 0920

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 12.43

Equipment Information

Pump Type: Bladder pump

Pump Name/ID:

Water Level Name/ID: Solinst

Multimeter Name/ID:

Turbidity Name/ID:

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10	
0920	12.43	10.0/5.0	160 mL	Set up pump, fill flow-through cell, etc.						
0930	12.41			12.37	0.577	6.21	-203.1	68.6	80.5	
0935	12.41			12.52	0.561	6.19	-201.9	64.3	36.1	
0940	12.41			12.49	0.561	6.14	-202.1	62.1	34.6	*
0945	12.42			12.50	0.538	6.15	-200.3	59.1	16.5	
0950	12.42			12.59	0.522	6.16	-200.1	57.3	12.3	
0955	12.43			12.68	0.517	6.14	-199.3	56.1	9.74	
1000	12.41	10.0/5.0	160 mL	12.67	0.512	6.15	-198.5	54.9	7.23	
1005	12.41			12.64	0.506	6.12	-198.7	54.4	5.86	
1010	12.41			12.71	0.499	6.11	-198.7	54.2	4.98	
1015	12.42			12.75	0.493	6.12	-198.6	54.1	4.69	
1020	12.42			12.74	0.486	6.11	-198.3	53.3	4.00	

COMMENTS: * Replaced Turbidity meter battery

Signature: Sheli Dock

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of 2 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): SHELI DOOKRAN

Temperature Range:

Precipitation:

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I

Sample ID: MW 8 D

Sample Date / Time: 12/16/08 ~~0905~~ ~~0950~~ /1330

QA/QC Sample (circle): MS / MSD / DUP DUP107

QA/QC Sample Time: 1335

Initiail Water Level: 11.41

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID:

Water Level Name/ID: Solinst 101

Multimeter Name/ID: MDS 450

Turbidity Name/ID: LaMotte 2020

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
~~0905~~ 0950	11.41	10.0/5.0	280 mL	Set up pump, fill flow-through cell, etc.					
1000	11.53			11.46	0.496	7.03	-194.3	53.8	91.9
1005	11.51			11.54	0.494	7.03	-195.8	51.0	67.8
1010	11.51			11.44	0.493	6.99	-193.9	50.1	54.9
1015	11.46			11.46	0.491	6.94	-192.3	53.0	48.4
1020	11.43			11.44	0.495	7.05	-192.7	79.4	– *
1030/47	11.51	10.0/5.0	220 mL	11.04	0.492	7.13	-196.1	55.4	765
1052	11.51			11.18	0.495	7.16	-197.2	54.1	540
1057	11.53			11.29	0.494	7.18	-200.5	48.2	400
1102	11.53			11.28	0.492	7.16	-201.7	48.8	372
1107	11.50			11.34	0.496	7.17	-202.9	49.1	200
1112	11.51			11.35	0.497	7.14	-201.5	49.0	142
1117	11.49	10.0/5.0	220 mL	11.33	0.498	7.15	-201.3	48.9	130
1122	11.50			11.29	0.497	7.17	-201.1	48.9	101
1127	11.50			11.26	0.498	7.14	-200.9	48.8	75
1132	11.51			11.27	0.496	7.10	-201.2	48.8	72
1137	11.51			11.28	0.498	7.14	-204.1	48.7	56
1142	11.49			11.37	0.500	7.14	-204.4	49.8	50
1147	11.49			11.36	0.500	7.15	-205.1	49.5	47

COMMENTS: * Changed turbidity meter's battery + Replaced pressure pump

Signature: Sheli Dook

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

Well ID: MW-8D

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1155	11.52	10.0/5.0	200 mL	11.51	0.502	7.13	-206.9	64.0	38
1200	11.54			11.46	0.502	7.14	-205.7	63.8	33
1205	11.51			11.50	0.501	7.16	-205.4	63.2	26
1210	11.53			11.25	0.511	7.10	-203.1	57.3	18
1215	11.53			11.31	0.509	7.12	-204.2	56.1	12
1220	11.52			11.42	0.508	7.14	-201.2	54.2	9.0
1225	11.50			11.37	0.515	7.09	-203.1	58.6	14
1230	11.50			11.33	0.511	7.10	-204.7	56.8	10
1235	11.49			11.34	0.517	7.04	-202.8	54.9	12
1240	11.51			11.38	0.515	7.07	-201.7	52.8	8.0
1245	11.50			11.45	0.514	7.10	-202.6	51.7	10
1250	11.49			11.31	0.518	7.02	-200.1	53.7	9.0
1255	11.50			11.33	0.516	7.04	-201.6	53.9	5.4
1300	11.50			11.31	0.519	7.01	-203.0	52.6	9.2
1305	11.50			11.46	0.517	7.02	-202.8	53.1	7.7
1310	11.50	10.0/5.0	180 mL	11.36	0.520	7.00	-206.1	54.0	6.8
1315	11.49			11.34	0.521	7.00	-205.7	53.3	6.2
1320	11.49			11.32	0.519	7.00	-205.9	53.9	4.6
1325	11.50			11.31	0.520	7.00	-204.6	54.1	4.3
1330	11.49			11.29	0.521	7.00	-205.4	50.4	4.7

COMMENTS:

Signature: Sheli Dodd

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of 2 Rev.: 0
		Prepared by: Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): ShD (Sheli Dookran)

Temperature Range:
Precipitation:
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I
Sample ID: MW 9 D
Sample Date / Time: 12/15/08 10:00 AM

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level:

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID:
Water Level Name/ID: Solinst Water Level Meter 101

Multimeter Name/ID: 650 MDS
Turbidity Name/ID: LaMotte 2020 TURBIDIMETER

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) <5 10% or <10
1017	6.20	11.0/4.0	100 mL	Set up pump, fill flow-through cell, etc.					
1027	7.17	11.0/4.0	100 mL	13.18	0.353	6.53	-179.3	29.2	177
1032	7.21			13.15	0.329	6.44	-182.9	25.9	156
1037	7.25			13.12	0.328	6.27	-183.1	23.8	143
1042	7.30			13.14	0.328	6.21	-184.2	21.4	105
1047	7.30			13.22	0.326	6.16	-186.0	21.2	79.3
1052	7.34	11.0/4.0	80 mL	13.41	0.324	6.13	-180.4	15.5	52.7
1057	7.43	10.0/5.0	100 mL	13.53	0.324	6.16	-184.5	14.4	39.7
1102	7.51			13.61	0.323	6.14	-198.5	13.6	33.4 *
1107	7.55			13.63	0.322	6.14	-199.4	13.0	27.6
1112	7.55			13.61	0.321	6.10	-200.1	12.1	25.9
1117	7.58			13.62	0.318	6.08	-200.2	11.5	21.1
1122	7.51	10.0/5.0	80 mL	13.58	0.316	6.05	-201.6	10.7	17.1
1127	7.81	10.0/5.0	140 mL	13.91	0.313	6.10	-201.1	10.9	12.5
1132	8.80	10.0/5.0	240 mL	13.97	0.309	6.11	-201.7	9.9	10.20
1137	8.96			13.96	0.309	6.14	-199.4	11.1	9.96
1142	9.20			13.93	0.306	6.15	-198.6	13.4	7.23
1147	9.31			13.89	0.306	6.10	-199.2	12.0	6.95
1152	9.43			13.88	0.309	6.07	-197.0	13.3	5.04

COMMENTS:

* Changed Turbidimeter battery

Signature: Sheli Dook

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

Well ID: MW 9D

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1157	9.53	10.0/5.0	220 mL	13.91	0.309	6.06	-201.4	14.7	4.46
1202	9.51			13.91	0.310	6.04	-203.7	11.1	3.87
1207	9.56	10.0/5.0	220 mL	13.88	0.309	6.02	-205.4	10.7	2.96
1210	← SAMPLE COLLECTED →								

COMMENTS:

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Signature: Sheli Dool

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of 2 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli Dookran ; Pranay Chavva

Temperature Range:

Precipitation:

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: I

Sample ID: MW 9S

Sample Date / Time: 12/15/08 / ~~1330~~ 1535

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 5.20

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID:

Water Level Name/ID: Solinst Water Level Meter 101

Multimeter Name/ID: 650 MDS

Turbidity Name/ID: LaMotte 2020 Turbidimeter

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1330	5.20	10.0/5.0	400 mL	Set up pump, fill flow-through cell, etc.					
1335	5.61	11.5/3.5	240 mL	13.18	0.799	6.66	-177.7	21.3	66.9
1340	5.51			12.96	0.800	6.69	-181.0	41.1	65.4
1345	5.61			12.97	0.796	6.71	-178.1	37.0	46.4
1350	5.59			12.99	0.781	6.74	-180.1	51.7	45.8
1355	5.60			13.00	0.765	6.77	-179.9	48.3	32.3
1400	5.61	11.5/3.5	300 mL	13.02	0.762	6.80	-180.2	49.0	33.9
1405	5.61			13.09	0.741	6.82	-182.0	41.6	31.0
1410	5.61			13.06	0.713	6.86	-184.2	38.6	31.6
1415	5.60			13.02	0.705	6.87	-185.3	43.6	22.0
1420	5.61			13.01	0.699	6.89	-187.8	45.3	23.1
1425	5.61			13.02	0.694	6.89	-188.4	37.9	16.0
1430	5.61	11.5/3.5	280 mL	13.04	0.687	6.91	-187.6	34.2	19.1
1435	5.59			13.03	0.681	6.92	-184.5	34.1	11.4
1440	5.61			13.05	0.678	6.93	-186.7	51.8	12.2
1445	5.61			13.05	0.677	6.95	-189.4	52.5	10.95
1450	5.61			13.05	0.675	6.95	-187.3	56.6	10.51
1455	5.60	11.5/3.5	280 mL	13.06	0.672	6.97	-191.0	67.4	10.30
1500	5.61			13.07	0.668	6.97	-192.6	47.2	10.71

COMMENTS:

Signature: Sheli Dook

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 12/15/08	Page: 2 of 2 Rev.: 0

Well ID: MW 9S

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1505	5.61	11.5/3.5	280	13.06	0.665	6.99	-195.3	23.2	9.39
1510	5.61	11.5/3.5	280	13.05	0.664	7.00	-195.1	22.8	10.62
1515	5.61	11.5/3.5	280	13.05	0.660	7.00	-196.1	17.1	8.57
1520	5.61	11.5/3.5	280	13.05	0.659	7.01	-197.8	15.1	9.64
1525	5.61	11.5/3.5	280	13.05	0.657	7.01	-197.4	13.7	8.08
1530	5.61	11.5/3.5	280	13.06	0.656	7.01	-198.1	12.9	8.02
1535	←		SAMPLE	COLLECTED					→

COMMENTS:

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Signature: C. [illegible]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003	Page: 1 of 2
Date:	Rev.: 0
Prepared by:	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): PRANAY CHAVVA

Temperature Range: 30°–35°F
Precipitation: 60%
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: 1
Sample ID: MW-10 ~~14559~~
Sample Date / Time: 12/16/08 / 1455

QA/QC Sample (circle): ~~MS / MSD / DUP~~ MS/MSD
QA/QC Sample Time: ~~1455~~ 1455
Initiail Water Level: 8.63

Equipment Information

Pump Type: BLADDER PUMP
Pump Name/ID: QED 10132
Water Level Name/ID: MW-10

Multimeter Name/ID: YSI 650 MDS 11407
Turbidity Name/ID: LaMotte 2020 02032

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO ~~(mg/L)~~ % 10%	Turbidity (NTU) 10% or <10
1230	8.69	20/10/5	280	Set up pump, fill flow-through cell, etc.					
1235	8.71	20/10/5	280	13.65	0.743	7.04	-66.0	14.0	777
1240	8.71	20/10/5	280	14.42	0.745	7.03	-77.2	4.7	683
1245	8.72	20/10/5	260	14.64	0.748	7.03	-83.7	4.7	456
1250	8.72	20/10/5	260	14.82	0.751	7.03	-85.6	7.2	291
1255	8.72	20/10/5	260	14.82	0.755	7.02	-86.6	2.2	195
1300	8.72	20/10/5	260	14.85	0.757	7.02	-86.6	-1.9	134
1305	8.72	20/10/5	260	14.76	0.758	7.01	-87.4	9.2	99.4
1310	8.72	20/10/5	260	14.85	0.760	7.01	-86.9	1.3	72.8
1315	8.71	20/10/5	260	14.86	0.761	7.01	-87.5	-1.2	56.1
1320	← STOPPED CHANGED YSI. DUE TO DISSOLVED OXYGEN READING								
~~1325~~	CHANGED YSI AT 1355. SET UP WITH NEW YSI. AND								
~~1330~~	STARTED LOW FLOW SAMPLING AT 1405.								
1405	8.71	20/10/5	260	14.65	0.816	7.37	-99.7	12.0	18.3
1410	8.71	20/10/5	260	14.78	0.833	7.28	-111.8	3.8	10.97
1415	8.72	20/10/5	260	14.83	0.833	7.31	-110.8	3.6	8.48
1420	8.72	20/10/5	260	14.79	0.835	7.32	-110.7	3.0	7.31
1425	8.72	20/10/5	260	14.76	0.835	7.32	-110.4	2.9	6.27
1430	8.72	20/10/5	260	14.76	0.836	7.32	-109.9	2.7	6.34

COMMENTS: Some Sheen observed for the first 10 minutes.

Signature:

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

Well ID: MW-10

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO ~~(mg/L)~~ % 10%	Turbidity (NTU) 10% or <10
1435	8.72	20/10/5	260	14.69	0.837	7.33	-109.2	2.6	4.94
1440	8.72	20/10/5	260	14.74	0.838	7.33	-108.9	2.6	5.14
1445	8.72	20/10/5	260	14.72	0.839	7.33	-108.1	2.5	4.96
1450	8.72	20/10/5	260	14.72	0.840	7.33	-107.3	2.5	4.93
1455	SAMPLE		COLLECTED						
1535	SAMPLE COLLECTED FOR MS								

COMMENTS:

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Signature: [signature]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of 2
Date:		Rev.:	0
Prepared by:	KMA		
Approved by:			

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): KMA

Temperature Range: ±33°F
Precipitation: none/overcast
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Initial / 1st / Dec '08
Sample ID:
Sample Date / Time: 12/16/08 1320

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 5.69

Equipment Information

Pump Type: bladder pump
Pump Name/ID:
Water Level Name/ID: Solinst

Multimeter Name/ID: YSI
Turbidity Name/ID: LaMotte 2020

WELL ID: MW-11S

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
0920	5.69	50/10/5	adjusting	Set up pump, fill flow-through cell, etc.					
0923	6.46	50/10/5	120						
0925	6.45	50/10/5	120	10.33	0.383	6.82	-99.8	2.69	over
0930	6.49	50/10/5	120	9.87	0.379	6.85	-93.6	2.82	over
0935	6.47	50/10/5	120	9.72	0.376	6.87	-89.2	2.87	367
0940	6.56	50/10/5	120	10.02	0.374	6.88	-85.4	3.13	
0945	adjusting flowrate as it increased to 160 mL/min & drawing down DTW								
0950	6.55		100	9.35	0.361	6.90	-80.8	3.55	210
0955	6.56	60/10/5	120	9.59	0.362	6.91	-80.5	3.60	198
1000	6.57	60/10/5	120	9.70	0.358	6.91	-80.6	3.83	169
1005	6.57	60/10/5	120	9.71	0.358	6.91	-80.7	3.87	152
1015	6.59	60/10/5	120	9.90	0.354	6.92	-80.4	4.18	121
1020	6.59	60/10/5	120	9.82	0.352	6.92	-80.4	4.15	87.0
1025	6.56	60/10/5	120	9.70	0.350	6.92	-82.4	4.21	78.6
1030	6.59	60/10/5	120	10.10	0.350	6.92	-82.8	4.26	63.8
1035	6.61	60/10/5	120	10.11	0.349	6.92	-83.0	4.37	59.1
1040	6.56	60/10/5	120	9.20	0.345	6.93	-85.8	4.65	48.9
1045	6.57	60/10/5	120	9.11	0.336	6.93	-84.2	4.61	42.8
1050	6.55	60/10/5	120	9.64	0.339	6.92	-82.0	4.68	39.1

COMMENTS:

Signature:

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

KMG.

Well ID: MW-115 Page 2

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1055	6.59	55/10/5	120	9.75	0.339	6.92	-84.1	4.79	32.1
1100	6.58	55/10/5	120	9.76	0.337	6.92	-83.3	4.79	39.0
1105	6.56	55/10/5	120	9.09	0.333	6.92	-86.6	4.83	38.7
1110	6.59	55/10/5	120	9.93	0.335	6.92	-86.3	4.79	25.3
1115	6.58	55/10/5	120	9.89	0.335	6.92	-87.6	4.85	23.9
1120	6.56	55/10/5	120	9.98	0.333	6.92	-87.9	4.80	28.9
1125 Sample									
	Stopped pump & checked tubing - Restarted								
1245	7.21	90/10.5/4.5	280	11.31	0.337	6.91	-78.0	4.12	728
1250	7.31	90/10.5/4.5	280	11.36	0.334	6.90	-82.2	3.62	709
1255	7.43	85/10.5/4.5	260	11.59	0.333	6.90	-89.2	3.16	513
1300	7.62	85/10.5/4.5	260	11.62	0.334	6.90	-96.2	2.64	273
1310	8.18	"	"	11.72	0.339	6.90	-101.3	1.95	198
1315	8.29	"	260	11.71	0.340	6.90	-103.6	1.82	165
1320 Collect Samples									

COMMENTS: During sample collection flowrate dropped to 90mL/min. Parameters ok. After set of VOAs & 2 1L ambers turbidity increased based on observation.

Signature:

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 12/15/08	Page: 1 of 1 Rev.: 0
		Prepared by: KmA	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018 : 03/0340
Sampler(s): KMA

Temperature Range: 50°F
Precipitation: none/overcast
Wind Speed/Direction: breezy

SAMPLE INFORMATION

Sampling Round: I
Sample ID: MW 11D
Sample Date / Time: 12/15/08 / 1335

QA/QC Sample (circle): MS / MSD / DUP ~~1335~~ KMA
QA/QC Sample Time:
Initiail Water Level: 7.31

Equipment Information

Pump Type: bladder pump 10/5
Pump Name/ID: Sample Pro
Water Level Name/ID: Solinst/

Multimeter Name/ID: YSI / 3119
Turbidity Name/ID: Lamotte / ~~80871~~ 02032 KMA

WELL ID: MW - 11D

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge inlet	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/cm) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1105	7.31	10/5		Set up pump, fill flow-through cell, etc.					
1215	7.70	10/5	28/155	12.56	0.455	6.50	166.1	7.53	64.3
1225	7.55	10/5/60	150	12.71	0.455	6.32	138.6	6.73	59.8
1230	7.54	10/5/60	150	12.79	0.456	6.30	132.4	6.64	56.3
1235	7.54	10/5/60	150	12.81	0.457	6.29	129.1	6.76	50.2
1240	7.54	10/5/60	150	12.81	0.457	6.26	121.9	6.64	38.0
1245	7.54	10/5/60	150	12.85	0.458	6.26	120.1	6.61	8.28
1250	7.54	10/5/60	150	12.91	0.459	6.26	118.6	6.58	6.11
1300	7.54	10/5/60	150	12.85	0.459	6.24	112.7	6.44	5.82
1305	7.54	10/5/60	150	12.82	0.458	6.24	112.1	6.43	5.71
1310	7.54	10/5/60	150	12.88	0.459	6.24	109.8	6.38	11.1
1315	7.54	10/5/60	150	12.90	0.458	6.23	107.1	6.35	4.06
1320	7.54	10/5/60	150	12.91	0.458	6.23	105.6	6.37	2.35
1325	7.54	10/5/60	150	12.88	0.458	6.23	103.8	6.36	2.18
1330	7.54	10/5/60	150	12.88	0.458	6.23	100.9	6.32	1.98
1335	Samples collected.								
1500	Finish sampling.								

COMMENTS:

Signature:

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003	Page: 1 of 2
Date:	Rev.: 0
Prepared by: KMA / PC	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): PC/KMA

Temperature Range: 30° - 32°F

Precipitation: light rain on/off

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round:

Sample ID:

Sample Date / Time: 12/17/08 1320

QA/QC Sample (circle): ~~MS/MSD/DUP~~

QA/QC Sample Time:

Initiail Water Level: 10.19

Equipment Information

Pump Type: BLADDER PUMP

Pump Name/ID: QED

Water Level Name/ID: 1 Solinst

Multimeter Name/ID: YSI

Turbidity Name/ID: LaMotte 2020005499

WELL ID: MW-12D

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1040	10.19	40/8/4	120	Set up pump, fill flow-through cell, etc.					
1045	10.24	40/8/4	120	13.00	0.423	7.56	-3.1	5.37	330
1050	10.23	40/8/4	1	13.38	0.453	7.15	18.6	5.87	320
1055	10.23	40/8/4	155	13.41	0.455	7.01	24.7	6.47	310
1100	10.23	40/8/4	150	13.58	0.454	6.93	28.2	6.74	240
1105	10.25	40/8/4	150	13.53	0.452	6.87	30.4	6.79	210
1110	10.28	40/8/4	150	13.64	0.451	6.83	31.5	6.78	200
1115	10.30	40/8/4	140	13.62	0.451	6.80	32.2	6.69	160
1120	10.31	40/8/4	-	13.46	0.450	6.78	32.6	6.77	120
1125	10.31	40/8/4	140	13.43	0.449	6.77	33.4	6.50	~~130~~ 120
1130	10.29	40/8/4		13.38	0.448	6.75	34.1	6.56	85
1135	10.29	40/8/4	145	13.38	0.448	6.74	34.0	6.53	80
1140	10.29	40/8/4	140	13.40	0.447	6.74	34.2	6.54	85
1145	10.30	40/8/4	140	13.37	0.447	6.73	34.3	6.57	75
1150	10.30	40/8/4	140	13.27	0.446	6.72	35.1	6.62	65
1155	10.30	40/8/4	140	13.20	0.445	6.71	35.1	6.57	65
1200	10.30	40/8/4	140	13.17	0.445	6.71	35.1	6.52	65
1205	10.30	40/8/4	140	13.03	0.445	6.71	35.1	6.50	60
1210	10.30	40/8/4	—	12.99	0.445	6.71	35.0	6.50	50

COMMENTS:

Signature:

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

Well ID: MW-12D

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1215	10.30	40/8/4	140	12.98	0.445	6.71	35.1	6.50	56.2
1220	10.30	40/8/4	140	12.96	0.445	6.71	35.0	6.50	37.3
1225	10.31	40/8/4	140	13.00	0.447	6.71	35.7	6.51	34.5
1230	10.30	40/8/4		13.13	0.446	6.71	36.1	6.51	30.5
1235	10.30	40/8/4	140	13.15	0.446	6.71	36.3	6.52	28.9
1240	10.30	40/8/4		13.17	0.445	6.71	37.1	6.50	28.7
1245	10.30	40/8/4	140	13.13	0.443	6.70	38.2	6.47	24.7
1250	10.30	40/8/4		13.12	0.443	6.70	39.1	6.51	27.4
1255	10.30	40/8/4	140	13.15	0.443	6.71	39.0	6.52	27.1
1300	10.30	40/8/4		13.17	0.441	6.70	39.1	6.49	24.8
1305	10.29	40/8/4	140	13.22	0.442	6.69	39.1	6.55	23.4
1310	10.29	40/8/4		13.29	0.442	6.68	38.9	6.61	25.0
1315	10.29	40/8/4	140	13.31	0.442	6.68	38.3	6.64	24.2
1320	sample collected								
1410	complete.								

COMMENTS:

Signature: _____

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of 2 Rev.: 0
		Prepared by: KMA	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): KMA

Temperature Range: ± 34° F
Precipitation: none/overcast
Wind Speed/Direction: breezy

SAMPLE INFORMATION

Sampling Round: Dec 08' / Initial
Sample ID:
Sample Date / Time: 12/17/08 0935

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 9.92

Equipment Information

Pump Type: bladder pump
Pump Name/ID:
Water Level Name/ID: Solinst

Multimeter Name/ID: YSI
Turbidity Name/ID: LaMotte 2020

WELL ID: MW-12S

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1530	9.92	60/10/5		Set up pump, fill flow-through cell, etc.					
1535	10.13	60/10/5	140	12.78	0.961	7.30	-106.4	1.71	unrecordable
1540	10.31	60/10/5	130	13.37	0.959	7.27	-115.8	1.47	147
1545	10.43	60/10/5	140	13.30	0.924	7.11	-115.0	1.27	103
1550	10.51	60/10/5	130	run out of fuel w/. generator					
1558	restart generator								
getting dark temp drop → 1600	10.51	50/10/5	~~110~~	10.01	0.858	7.04	-114.7	0.99	98.6
1605	10.57	50/10/5	110	10.49	0.851	7.03	-110.8	1.36	81.7
1610	10.79	55/10/5	100	11.61	0.861	7.03	-107.8	1.16	72.6
1615	11.06	55/10/5	100	12.95	0.902	7.02	-108.1	0.87	71.2
1625	12.81	50/10/5	110	13.82	0.965	7.22	-148.0	0.58	67.3
1630	12.89	50/10/5	110	13.97	0.970	7.25	-150.8	0.61	75.9
1635	below bladder	50/10/5	100	14.12	0.981	7.34	-157.2	0.53	89.5
1640	"	50/10/5	100	14.13	0.983	7.46	-161.9	0.53	138
1645	"	"	90	13.27	0.959	7.57	-167.2	1.27	145
1650	well dry								
12/17/08 0845	9.72	→							
0915	Start pump								
0920	10.04	50/10/5	90	12.24	0.850	7.36	-88.4	2.72	595

COMMENTS: 1620 adjusting flowrate as it increased to 130 mL/min

Signature:

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

Well ID: MW-12S

	Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
12/17/08	0925	10.24	50/10/5	90	13.83	0.883	7.48	-86.1	1.51	369
	0930	10.56	50/10/5	90	14.19	0.892	7.44	-82.9	1.69	11.4
	0935	Samples Collected								
	1150	Samples finished.								

COMMENTS:

O:\COMMON\For Corey\Field Forms

Signature: _____

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): PRANAY CHAVVA

Temperature Range: 27°-30°

Precipitation:

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round:

Sample ID:

Sample Date / Time:

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 14.09

Equipment Information

Pump Type: BLADDER PUMP

Pump Name/ID: QED 07173

Water Level Name/ID: SOLINST 42198

Multimeter Name/ID: YSI 650MD S11407

Turbidity Name/ID: La Motte 2020 05503

WELL ID: MW-13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
0800	14.12	20/10/15	220	Set up pump, fill flow-through cell, etc.					
0820	14.31	20/10/15	220	11.66	0.345	5.74	213.7	10.84	133
0825	14.29	20/10/15	220	12.34	0.369	5.76	216.4	10.66	103.6
0830	14.30	20/10/15	220	12.55	0.377	5.76	217.7	10.57	92.0
0835	14.30	20/10/15	220	12.70	0.378	5.76	220.0	10.48	58.1
0840	14.30	20/10/15	220	12.75	0.379	5.76	221.9	10.35	41.2
0845	14.31	20/10/15	220	12.71	0.380	5.76	224.0	10.20	30.6
0850	14.31	20/10/15	220	12.70	0.382	5.76	225.9	10.02	24.0
0855	14.32	20/10/15	220	12.74	0.384	5.76	226.2	9.95	24.3
0900	14.31	20/10/15	220	12.72	0.386	5.77	227.8	9.73	16.0
0905	14.31	20/10/15	220	12.74	0.388	5.77	228.8	9.62	15.1
0910	14.32	20/10/15	220	12.77	0.391	5.77	229.2	9.49	13.2
0915	14.32	20/10/15	220	12.75	0.394	5.77	230.4	9.43	9.41
0920	14.32	20/10/15	220	12.71	0.396	5.77	231.9	9.39	6.09
0925	14.32	20/10/15	220	12.69	0.399	5.78	233.3	9.32	5.06
0930	14.32	20/10/15	220	12.67	0.401	5.78	233.6	9.30	4.93
0935	14.32	20/10/15	220	12.68	0.402	5.78	234.0	9.29	5.00
0940	SAMPLE COLLECTED								

COMMENTS:

Signature:

Nobis
439 South Union St., Building 2, Suite 207
Lawrence, MA 01843-2800
Tel (978) 683-0891 • Fax (978) 683-0966

JOB
SHEET NO. OF
CALCULATED BY DATE 12/15/08
CHECKED BY KMA DATE
SCALE

Location	DTW
MW-7S	7.44
MW-7D	8.11
MW-9S	5.26
MW-9D	6.11
MW-10	8.81
MW-11S	5.81
MW-11D	7.32
MW-8S	12.57
MW-8D	11.41
MW-12S	9.89
MW-12D	10.29
MW-13	14.10
MW-25	2.32

SB-109
-153 } need refill of patch.

ID	Sample Time
MW-9D	1210
MW-9S	1535
MW-11D	1335
MW-7D	1345
TB111	0800

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 8/21/2007	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03 0340
Sampler(s): J. Fopiano

Temperature Range:
Precipitation:
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: March 2009 GW Monitoring - Resample
Sample ID: MW-7S
Sample Date / Time: 3-24-09 /

QA/QC Sample: —
QA/QC Sample Time: —
Initial Water Level:

Equipment Information

Pump Type: Bladder
Pump Name/ID:
Water Level Name/ID:

Multimeter Name/ID: YSI 650
Turbidity Name/ID: Lemotte 2020

WELL ID: MW-7S

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)
				3%	3%	+/-0.1	+/-10mV	3%	10% or <10
10:00	8.42	20/10/5	300	Set up pump, fill flow-through cell, etc.					
10:05	8.39	20/10/5	300	10.13	0.635	6.70	85.0	1.35	71.9
10:10	8.40	20/10/5	300	10.21	0.651	6.69	70.5	1.14	63.8
10:15	8.39	20/10/5	300	10.07	0.657	6.67	66.9	1.12	41.2
10:20	8.40	20/10/5	300	10.15	0.669	6.65	59.0	0.93	38.2
10:25	8.39	20/10/5	300	10.28	0.673	6.65	53.1	0.82	23.6
10:30	8.39	20/10/5	300	10.30	0.678	6.65	48.5	0.74	22.6
10:35	8.40	20/10/5	300	10.43	0.706	6.62	34.6	0.73	14.7
10:40	8.40	20/10/5	300	10.58	0.726	6.60	26.9	0.58	12.9
10:45	8.40	20/10/5	300	10.61	0.726	6.59	23.8	0.44	7.75
10:50	8.40	20/10/5	300	10.58	0.727	6.60	21.7	0.45	5.04
10:55	8.40	20/10/5	300	10.60	0.740	6.59	16.6	0.40	4.21
11:00	8.40	20/10/5	300	10.61	0.742	6.58	12.7	0.36	3.50
11:05	8.40	20/10/5	300	10.60	0.743	6.58	12.8	0.37	3.59
11:10		SAMPLE TAKEN							

COMMENTS:

Signature: John St John

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 8/21/2007	Page: 2 of Rev.: 0

Well ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (oC)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)

COMMENTS:

Signature: _____

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 8/21/2007	Page: 1 of 1 Rev.: 0
		Prepared by: JSJ	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03 0340
Sampler(s): John St. John

Temperature Range: 20s
Precipitation: None
Wind Speed/Direction: 10-15 W

SAMPLE INFORMATION

Sampling Round: March 2009 GW Monitoring - Resample
Sample ID: MW 8S
Sample Date / Time: 3/23/09 11:05

QA/QC Sample:
QA/QC Sample Time:
Initial Water Level: 13.48

Equipment Information

Pump Type: Bladder
Pump Name/ID: Sample Pro 11160
Water Level Name/ID: Solinst 40755

Multimeter Name/ID: YSI 650MDS01A1432
Turbidity Name/ID: Lamotte 2020 4903

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C)	Specific Conductivity (mS/cm)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)
				3%	3%	+/-0.1	+/-10mV	3%	10% or <10
9:55	13.46	10 PSI	60	Set up pump, fill flow-through cell, etc.					
10:00	13.48	10 PSI	60	7.82	0.363	6.37	-63.5	11.28	38.3
10:05	13.48	15 PSI	140	7.99	0.362	6.28	-84.3	10.18	40.2
10:10	13.50	10 PSI	140	9.33	0.361	6.33	-85.4	10.47	56.7
10:15	13.50	10 PSI	140	9.52	0.361	6.28	-82.8	10.34	50.7
10:20	13.50	10 PSI	140	9.80	0.360	6.18	-79.8	10.29	32.3
10:25	13.50	10	140	9.79	0.360	6.21	-79.3	10.18	27.1
10:30	13.50	10	140	9.81	0.359	6.20	-78.5	10.06	23.1
10:35	13.50	10/10/5	140	9.88	0.359	6.17	-76.9	10.27	16.4
10:40	13.50	10/10/5	140	9.88	0.358	6.14	-76.9	10.22	18.0
10:45	13.50	10/10/5	140	9.88	0.358	6.14	-76.9	10.22	12.0
10:50	13.50	10/10/5	140	9.88	0.358	6.14	-76.9	10.22	9.85
10:55	13.50	10/10/5	140	9.88	0.358	6.14	-76.9	10.22	8.16
11:00	13.50	10/10/5	140	9.88	0.358	6.14	-76.9	10.22	7.70
11:05	SAMPLE TAKEN								

COMMENTS:

Signature: [signature]

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date: 8/21/2007	Page: 2 of Rev.: 0

Well ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (oC)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)

COMMENTS:

Signature: _____

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 8/21/2007	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03 0340
Sampler(s): J. Fapiano

Temperature Range: 30-35°F
Precipitation: None
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: March 2009 GW Monitoring - Resample
Sample ID: MW-12S
Sample Date / Time: 3-23-09 / 1320

QA/QC Sample: Duplicate
QA/QC Sample Time: 1325
Initial Water Level:

Equipment Information

Pump Type: Bladder
Pump Name/ID:
Water Level Name/ID:

Multimeter Name/ID: YSI 650
Turbidity Name/ID: Lamotte 2020

WELL ID: MW-12S

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)
				3%	3%	+/-0.1	+/-10mV	3%	10% or <10
1000				Set up pump, fill flow-through cell, etc.					
1105	10.32	10.0/5.0	400	11.64	0.845	7.15	-210.6	7.15	84
1110	11.26			11.62	0.862	7.17	-193.3	3.41	32.0
1115	12.01			11.66	0.867	7.30	-138.3	5.24	31.5
1120	Well	pumped	dry						

COMMENTS:

Signature: J. Fapiano

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date: 8/21/2007	Page: 2 of Rev.: 0

Well ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (oC)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)

COMMENTS:

Signature: _____

NOBTS	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date: 8/21/2007	Page: 1 of 2 Rev.: 0
		Prepared by: JSJ	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03 0340
Sampler(s): John St. John

Temperature Range: 30s
Precipitation: None
Wind Speed/Direction: 10-20 W

SAMPLE INFORMATION

Sampling Round: March 2009 GW Monitoring - Resample
Sample ID: MW55
Sample Date / Time: 3/23/09 14:00

QA/QC Sample:
QA/QC Sample Time: 14:00
Initial Water Level: 10.07

Equipment Information

Pump Type: Bladder
Pump Name/ID: Sample Pro 11160
Water Level Name/ID: Solinst 40755

Multimeter Name/ID: YSI 650 MDS 04A1432
Turbidity Name/ID: Lamotte 2020 4903

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)
				3%	3%	+/-0.1	+/-10mV	3%	10% or <10
12:15	10.15	10/10/5	180	Set up pump, fill flow-threugh cell, etc.					
12:20	10.17	10/10/5	170	12.80	0.431	6.22	-92.6	7.43	380
12:25	10.18	10/10/5	170	12.99	0.431	6.19	-87.6	6.56	133
12:30	10.19	10/10/5	180	13.04	0.431	6.17	-87.0	6.41	60.4
12:35	10.19	10/10/5	180	13.05	0.432	6.19	-85.2	6.84	38.7
12:40	10.18	10/10/5	180	12.96	0.432	6.18	-83.1	6.41	29.9
12:45	10.18	10/10/5	180	12.91	0.432	6.19	-83.5	6.61	32.0
12:50	10.18	10/10/5	180	13.16	0.431	6.20	-76.8	7.30	29.7
12:55	10.18	10/10/5	180	13.23	0.432	6.17	-76.5	7.13	27.0
13:00	10.18	10/10/5	180	13.23	0.432	6.15	-76.4	6.60	23.4
13:05	10.18	10/10/5	180	13.23	0.431	6.18	-74.2	7.44	16.5
13:10	10.18	10/10/5	180	13.26	0.432	6.20	-73.6	7.07	16.1
13:15	10.18	10/10/5	180	13.26	0.432	6.18	-72.9	6.92	14.5
13:20	10.18	10/10/5	180	13.28	0.432	6.18	-72.2	6.90	13.4
13:25	10.18	10/10/5	180	13.21	0.432	6.17	-71.1	6.72	11.4
13:30	10.18	10/10/5	180	13.20	0.432	6.18	-70.8	7.08	11.3
13:35	10.18	10/10/5	180	13.21	0.432	6.17	-70.4	6.82	10.6
13:40	10.18	10/10/5	180	13.12	0.432	6.17	-68.2	7.04	7.96
13:45	10.18	10/10/5	180	13.15	0.432	6.16	-68.2	7.32	8.26

COMMENTS:

Signature: John St. John

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 8/21/2007	Page: 2 of 2 Rev.: 0

Well ID: MW55

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (oC)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)
13:50	10.18	10/105	180	13.15	0.432	6.18	-67.1	7.39	5.70
13:55	10.18	10/10.5	180	13.23	0.431	6.16	-68.0	7.35	7.73
14:00	SAMPLE TAKEN								

COMMENTS:

Signature: John H. Joh

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 8/21/2007	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03 0340
Sampler(s): J. Fapiano

Temperature Range: 30-35°F
Precipitation: None
Wind Speed/Direction: S 10-20mph

SAMPLE INFORMATION

Sampling Round: March 2009 GW Monitoring - Resample
Sample ID: MW-9S
Sample Date / Time: 3-23-09 / 1630

QA/QC Sample: —
QA/QC Sample Time: —
Initial Water Level: 5.79

Equipment Information

Pump Type: Bladder
Pump Name/ID:
Water Level Name/ID:

Multimeter Name/ID: YSI 650
Turbidity Name/ID: Lamotte 2020

WELL ID: MW-9S

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)
				3%	3%	+/-0.1	+/-10mV	3%	10% or <10
				Set up pump, fill flow-through cell, etc.					
1450	6.23		320	6.87	0.247	6.37	62.6	4.85	174
1455	6.14		100	6.74	0.240	6.35	64.2	4.49	167
1500	6.03			6.82	0.242	6.38	66.7	4.09	51
1505	6.05			6.85	0.244	6.35	68.1	3.76	127
1510	6.06			6.84	0.245	6.36	70.3	3.40	109.2
1515	6.09			6.85	0.245	6.38	73.6	3.00	65.5
1620	6.07			6.61	0.244	6.39	85.9	2.82	56.1
1525	6.18		200	6.53	0.243	6.40	86.9	2.40	42.3
1530	6.17			6.31	0.247	6.42	86.5	2.09	38.8
1535	6.17			6.28	0.248	6.43	86.8	1.92	31.7
1540	6.16			6.00	0.250	6.44	87.9	1.73	25.6
1545	6.14			5.93	0.251	6.44	89.2	1.55	22.3
1550	6.12			5.89	0.253	6.43	90.3	1.42	19.4
1555	6.13			5.91	0.256	6.44	91.3	1.28	17.2
1600	6.14			6.03	0.260	6.45	91.8	1.12	15.9
1605	6.14			6.05	0.261	6.44	92.1	1.10	12.1
1610	6.16			5.99	0.261	6.44	92.5	1.08	9.9
1615	6.13			6.02	0.263	6.45	92.9	1.05	9.7

COMMENTS:

Signature: J Fapiano

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 8/21/2007	Page: 2 of Rev.: 0

Well ID: MW-9S

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (oC)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)
1620	6.13		200	6.09	0.262	6.46	93.1	1.03	9.4
1625	6.15			6.07	0.262	6.45	93.1	1.01	9.6
1630	6.14			6.09	0.263	6.45	93.6	0.99	9.2

COMMENTS:

Signature: J Fopiano

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 8/21/2007	Page: 1 of 2 Rev.: 0
		Prepared by: JSJ	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03 0340
Sampler(s): John St. John

Temperature Range: 20s
Precipitation: None
Wind Speed/Direction: 0-5 SW

SAMPLE INFORMATION

Sampling Round: March 2009 GW Monitoring - Resample
Sample ID: MW 115
Sample Date / Time:

QA/QC Sample:
QA/QC Sample Time:
Initial Water Level: 6.68

Equipment Information

Pump Type: Bladder
Pump Name/ID:
Water Level Name/ID: Solinst

Multimeter Name/ID: YSI
Turbidity Name/ID: Lamotte 2020

WELL ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)
				3%	3%	+/-0.1	+/-10mV	3%	10% or <10
8:30	6.65	10/10/5	140	Set up pump, fill flow-through cell, etc.					
8:35	7.25	12/10/5	170	7.15	0.377	6.85	-140.6	0.72	286
8:40	7.26	12/10/5	170	6.59	0.372	6.96	-143.2	0.50	231
8:45	7.28	12/10/5	160	6.56	0.371	6.99	-143.9	0.49	166
8:50	7.28	12/10/5	160	6.48	0.369	7.03	-143.5	0.51	143
8:55	7.28	12/10/5	160	6.45	0.367	7.05	-144.0	0.50	124
9:00	7.29	12/10/5	160	6.58	0.372	7.09	-110.1	0.57	88.6
9:05	7.30	12/10/5	160	6.56	0.376	7.10	-112.7	0.57	67.9
9:10	7.29	12/10/5	160	6.57	0.376	7.10	-114.3	0.58	63.1
9:15	7.29	12/10/5	160	6.59	0.381	7.09	-119.6	0.59	62.7
9:20	7.29	12/10/5	160	6.70	0.386	7.07	-134.6	0.61	53.5
9:25	7.29	12/10/5	160	6.90	0.388	7.08	-134.4	0.59	50.5
9:30	7.28	12/10/5	160	7.32	0.390	7.05	-132.6	0.58	48.6
9:35	7.29	12/10/5	160	7.54	0.396	7.03	-128.6	0.57	38.2
9:40	7.29	12/10/5	160	7.52	0.396	7.04	-129.9	0.56	33.8
9:45	7.29	12/10/5	160	7.82	0.398	7.04	-129.2	0.58	30.9
9:50	7.29	12/10/5	160	7.87	0.397	7.03	-129.4	0.57	29.1
9:55	7.29	12/10/5	160	7.89	0.397	7.03	-129.2	0.58	24.3
10:00	7.29	12/10/5	160	7.97	0.399	7.01	-127.5	0.57	21.4

COMMENTS:

Signature: John St. John

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 8/21/2007	Page: 2 of Rev.: 0

Well ID:

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (oC)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)
10:05	7.29	12/10/5	160	7.98	0.398	7.01	-127.9	0.59	20.5
10:10	7.29	12/10/5	160	8.08	0.398	7.00	-127.8	0.61	21.8
10:15	7.29	12/10/5	160	8.33	0.399	6.99	-126.4	0.61	18.0
10:20	7.28	12/10/5	160	8.24	0.400	7.00	-125.2	0.59	20.6
10:25	7.28	12/10/5	160	8.36	0.399	6.98	-119.1	0.57	20.5
10:30	7.29	12/10/5	160	8.30	0.402	6.98	-118.7	0.54	18.3
10:35		SAMPLE TAKEN							

COMMENTS:

Signature: John St. John

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WATER LEVEL LOG SHEET

SOP No: HYD-003	Page: of
Date:	Rev.:

Prepared by:

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site

Project Number/Task: 80018.03/~~0320~~ 0340

Personnel: Sheli D., Pranay C., Ken M., Corey R.

Temperature Range:

Precipitation:

Wind Speed/Direction:

EQUIPMENT INFORMATION

Type of Meter (circle): Water Level / Interface Probe

Serial No.:

Nobis No.:

Type of Monitoring Equipment (circle): PID / FID / Other

Serial No.:

Nobis No.:

Latest Calibration Date:

6/15/09 WL&TD Round

FIELD DATA

Well or Piezometer No.	Reference Point (SP, RB, PVC)	Water Level Reading (ft)	Depth to Bottom (ft)	Comments
MW-1	PVC	2.75	12.20	9/16" Bolt Size
MW-2S	PVC	2.49	13.60	1/2" Bolt Size
MW-3S	SP	11.14	17.20	padlock
MW-3D	SP	10.90	51.03	padlock
MW-3B	SP	11.90	66.95	padlock
MW-4S	PVC	12.28	17.41	5-star well key
MW-4D	PVC	12.36	44.69	1/2" Bolt Size
MW-5	PVC	10.29	16.20	1/2" Bolt Size
MW-6S	PVC	8.49	17.17	1/2" Bolt Size
MW-6D	PVC	6.95	49.38	1/2" Bolt Size
MW-7S	PVC	8.71	17.80	9/16" Bolt Size
MW-7D	PVC	9.12	83.40	9/16" Bolt Size
MW-8S	PVC	13.78	19.40	9/16" Bolt Size
MW-8D	PVC	12.46	48.60	9/16" Bolt Size
MW-9S	PVC	6.74	14.55	9/16" Bolt Size
MW-9D	PVC	7.39	28.88	9/16" Bolt Size
MW-10	PVC	9.59	16.86	9/16" Bolt Size
MW11S	PVC	7.20	16.59	9/16" Bolt Size
MW-11D	PVC	8.42	36.77	9/16" Bolt Size
MW-12S	PVC	10.50	15.57	9/16" Bolt Size
MW-12D	PVC	11.16	63.48	9/16" Bolt Size
MW-13	PVC	14.43	24.52	~~9/16"~~ Bolt Size 1/2" bolt
PZ-1	PVC	13.86	15.03	1/2" Bolt Size

NOTES: SP - Standpipe, RB - Road Box, PVC - Riser

Signature:

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003	Page: 1 of
Date:	Rev.: 0
Prepared by:	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 60°
Precipitation: 60
Wind Speed/Direction: —

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-1
Sample Date / Time: 06/15/09 / 1435

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 2.75

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter MP10-2028
Water Level Name/ID: 100' Solinst Water Level Meter 25412.

Multimeter Name/ID: YSI 600 XL Multi-Parameter 02F0628AB
Turbidity Name/ID: LaMotte 2020 0354-4197

WELL ID: (MW1), MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) mS/cm 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1335	2.91	20/5/10	250	13.81	290	6.19	193.6	10.04	326
1340	2.91	20/5/10	150	13.10	291	6.14	200.8	9.90	148
1345	2.93	20/5/10	150	12.75	293	6.15	207.3	9.87	63.3
1350	2.93	20/5/10	150	12.64	294	6.15	211.2	9.76	40.6
1355	2.94	20/5/10	150	12.61	294	6.15	214.7	9.68	26.3
1400	2.94	20/5/10	150	12.59	294	6.15	217.7	9.61	17.7
1405	2.94	20/5/10	150	12.57	293	6.15	220.0	9.57	15.6
1410	2.94	20/5/10	150	12.58	293	6.15	222.6	9.50	12.9
1415	2.94	20/5/10	150	12.59	293	6.15	223.8	9.48	9.1
1420	2.94	20/5/10	150	12.59	293	6.15	224.3	9.43	5.40
1425	2.94	20/5/10	150	12.58	293	6.15	225.7	9.40	5.34
1430	2.94	20/5/10	150	12.58	293	6.15	226.3	9.40	5.36
1435	←		SAMPLE COLLECTED						→

COMMENTS: slight silty for the first few minutes.

Signature: C. Ferguson

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003 | Page: 1 of 2
Date: 6-15-09 | Rev.: 0
Prepared by:
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 60°F
Precipitation: None
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-2
Sample Date / Time: 6-15-09 1320

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time: 1525
Initiail Water Level: 3.05

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1335	3.21	15/10/5	260	13.88	925	6.51	-21.5	0.62	300
1340	3.23	↓	260	13.91	9.20	6.48	-24.5	0.46	200
1345	3.23	↓	260	14.03	913	6.45	-27.9	0.33	150
1350	3.23	↓	260	13.97	KM ~~9.1~~ 914	6.46	-27.4	0.31	239
1355	3.23	↓	260	13.87	915	6.48	-27.1	KM ~~0.27~~ 0.30	281
1400	3.23	↓	260	13.83	919	6.50	-25.0	0.31	293
1405	3.23	↓	260	13.76	925	6.51	-16.0	0.31	244
1410	3.23	↓	260	13.68	924	6.52	-12.8	0.30	201
1415	3.22	↓	260	13.61	929	6.52	-19.7	0.27	152
1420	3.23	↓	260	13.65	926	6.52	-22.1	0.22	114
1425	3.22	↓	260	13.51	923	6.52	-22.8	0.21	124
1430	3.22	↓	260	13.50	921	6.51	-22.6	0.20	58.9
1435	3.22	↓	260	13.60	915	6.48	-21.8	0.20	41.8
1440	3.22	↓	260	13.64	907	6.44	-16.9	0.25	35.5
1445	3.22	↓	260	13.57	899	6.43	-14.8	0.27	29.8
1450	3.22	↓	260	13.52	891	6.43	-13.1	0.29	27.9
1455	3.22	↓	260	13.49	887	6.43	-12.9	0.25	24.2
1500	3.22	↓	260	13.45	880	6.42	-11.7	0.27	22.3

COMMENTS: This Well is good condition
Purge water cloudy brown, No odor
1445 Purge water slighty cloudy, No odor.

Signature: Ken Marks

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003
Date: 6-15-09

Rev.: 0

MW2

Well ID: MW1, (MW2) MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1505	3.22	10 15/5	260	13.40	876	6.43	KRK ~~0.2~~ 11.1	0.24	21.0
1510	3.22	↓	260	13.38	868	6.43	-9.8	0.26	18.9
1515	3.22	↓	260	13.34	860	6.44	-9.0	0.25	16.8
1520	3.22	↓	260	13.33	859	6.44	-8.9	0.25	16.3
-	-	-	-	-	-	-	-	-	-
1525 Sample time									

COMMENTS: 1515; Purge Water Clear. No odor.
Metals was field filtered.

Signature: [illegible]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of 1
Date:		Rev.:	0

Prepared by:

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 70°F

Precipitation: None

Wind Speed/Direction: W / 4-5 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-3 B

Sample Date / Time: 6-16-09 1245

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time: 1420

Initiail Water Level: 11.91

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow through cell, etc.					
1300	11.93	30 10/5	250	12.11	263	10.76	-66.3	2.12	30
1305	11.98	30 10/5	250	11.97	265	10.76	-61.1	1.15	20
1310	12.01	↓	250	12.21	267	10.75	-39.7	0.67	16
1315	12.02	↓	250	12.30	267	10.67	-20.1	0.51	12
1320	12.02	↓	250	12.31	267	10.77	-11.3	0.99	12
1325	12.02	↓	250	12.26	267	10.73	3.3	0.71	13
1330	12.02	↓	250	12.10	266	10.70	13.5	0.60	12
1335	12.02	↓	250	12.06	266	10.68	30.9	0.64	15
1340	12.02	↓	250	12.13	266	10.73	46.5	0.71	11
1345	12.02	↓	250	12.21	267	10.72	53.6	0.72	10
1350	12.02	↓	250	12.29	266	10.68	71.9	0.75	10
1355	12.02	↓	250	12.22	266	10.61	79.8	0.74	11
1400	12.02	↓	250	12.26	266	10.64	88.7	0.71	10
1405	12.02	↓	250	12.19	266	10.67	91.2	0.71	9.6
1410	12.02	↓	250	12.22	266	10.67	94.7	0.66	8.8
1415	12.02	↓	250	12.28	266	10.65	96.2	0.70	8.1

COMMENTS: Purge water clear. No odor.
Well in good condition
Metals were field filtered.

Signature: Ken Marks

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of 1 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 68°F
Precipitation: None
Wind Speed/Direction: Light

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-3D
Sample Date / Time: 6-16-09 0810

QA/QC Sample (circle): MS / MSD, DUP
QA/QC Sample Time: 900 → 910
Initiail Water Level: 10.91

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0820	11.03	10 20/5	300	11.11	339	7.07	221.0	5.07	21.2
0825	11.02	↓	300	11.20	333	7.26	217.8	4.42	11.1
0830	11.02	↓	300	11.30	330	7.29	215.8	3.71	9.0
0835	11.02	↓	300	11.35	329	7.33	212.1	3.47	6.7
0840	11.02	↓	300	11.35	329	7.35	211.0	3.39	2.1
0845	11.02	↓	300	11.31	330	7.37	210.3	3.36	2.0
0850	11.02	↓	300	11.29	330	7.38	210.1	3.38	2.1
0855	11.02	↓	300	11.28	330	7.38	210.2	3.36	2.0

COMMENTS: Purge water clear. No odor
Well in good condition.
Metals were field filtered

Signature: Ken Marks

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of 1
Date:		Rev.:	0

Prepared by:

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 72°F

Precipitation: None

Wind Speed/Direction: W - 1 to 5 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-3S

Sample Date / Time: 6-16-09 1100

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time: 1220

Initiail Water Level: 11.05

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1115	11.05	10 20/5	240	13.49	707	6.85	-33.8	1.88	31
1120	11.05	↓	240	12.11	705	6.79	-40.2	1.02	28
1125	11.05	↓	240	10.88	694	6.78	-51.7	0.67	24
1130	11.05	↓	240	10.52	682	6.81	-57.6	0.33	20
1135	11.05	↓	240	10.33	661	6.88	-64.9	0.26	15
1140	11.05	↓	240	10.24	637	6.90	-77.2	0.23	12
1145	11.05	↓	240	10.22	611	6.95	-85.5	0.17	8.7
1150	11.05	↓	240	10.17	602	6.97	-92.3	0.11	6.5
1155	11.05	↓	240	10.11	592	6.98	-96.8	0.09	5.2
1200	11.05	↓	240	10.13	581	7.02	-106.1	0.07	4.8
1205	11.05	↓	240	10.10	577	7.03	-111.8	0.06	4.1
1210	11.05	↓	240	10.11	585	7.04	-116.3	0.05	4.0
1215	11.05	↓	240	10.10	584	7.04	-118.2	0.05	3.7

COMMENTS: 1115: Purge water has fine black specks floating. Slight odor? Well in good condition.
1145: Purge water clear. Slight odor. Metals were field filtered.

Signature: Ken Marek

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of 1
Date:		Rev.:	0

Prepared by:

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 56°F

Precipitation: Rain

Wind Speed/Direction: E 1 to 5 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-4D

Sample Date / Time: 6-18-09 0735

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time: 0925

Initiail Water Level: 12.35

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0755	12.32	7.5/7.5 (20)	200	13.95	194	6.55	154.4	6.11	230
0800	12.32	↓	200	13.79	190	6.51	151.7	5.26	210
0805	12.32	↓	200	13.64	186	6.43	147.4	5.07	550
0810	12.32	↓	200	13.58	183	6.37	148.5	4.76	650
~~0810~~ 0815	12.32	↓	200	13.56	181	6.30	153.2	5.25	360
0820	12.32	↓	200	13.53	180	6.27	156.7	5.51	240
0825	12.32	↓	200	13.53	179	6.24	162.3	5.22	170
0830	12.32	↓	200	13.49	179	6.22	166.2	5.25	140
0835	12.32	↓	200	13.50	178	6.21	170.6	5.13	100
0840	12.32	↓	200	13.52	179	6.19	173.3	5.02	90
0845	12.32	↓	200	13.70	180	6.20	175.7	4.68	85
0850	12.32	↓	200	13.71	180	6.20	177.4	4.70	78
0855-0955	12.32	↓	200	13.70	179	6.19	179.2	4.67	70
0900	12.32	↓	200	13.73	180	6.19	180.6	4.63	66
0905	12.32	↓	200	13.76	181.2	6.19	181.0	4.59	62
0910	12.32	↓	200	13.80	182.1	6.19	181.0	4.61	62
0920	12.32	↓	200	13.78	182.3	6.19	181.1	4.60	61
				NLee					

COMMENTS: Purge water cloudy gray. No odor. Well in good condition.

Signature: Ken Marsa

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of 1 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name:	Scovill Industrial Landfill Superfund Site - Waterbury, CT	Temperature Range:	70°F
Project Number/Task:	80018	Precipitation:	None
Sampler(s):	Sheli D., Pranay C., Ken M., Corey R.	Wind Speed/Direction:	E / to 7 mph

SAMPLE INFORMATION

Sampling Round:	Round 3 - June 2009	QA/QC Sample (circle):	MS / MSD , DUP
Sample ID:	MW-4S	QA/QC Sample Time:	1520
Sample Date / Time:	6-17-09 1350	Initiail Water Level:	12.06

Equipment Information

Pump Type:	Bladder Pump	Multimeter Name/ID:	YSI 600 XL Multi-Parameter
Pump Name/ID:	QED Micropurge Pump 1-3/4" Diameter	Turbidity Name/ID:	LaMotte 2020
Water Level Name/ID:	100' Solinst Water Level Meter		

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1405	12.39	10 20/5	200	15.69	420	6.13	215.1	1.82	120
1410	12.39	↓	200	15.06	416	6.09	199.8	1.68	100
1415	12.39	↓	200	14.81	412	6.03	190.5	1.21	90
1420	12.39	↓	200	14.70	410	6.01	188.1	1.08	77
1425	12.39	↓	200	14.63	409	5.97	197.1	0.98	61
1430	12.39	↓	200	14.55	407	5.94	198.6	0.91	55
1435	12.39	↓	200	14.36	408	5.90	201.7	0.86	49
1440	12.39	↓	200	14.46	409	5.93	202.9	0.85	36
1445	12.39	↓	200	14.35	413	5.92	204.8	0.71	30
1450	12.39	↓	200	14.29	414	5.99	206.5	0.59	22
1455	12.39	↓	200	14.34	~~14~~ KM 416	6.02	207.2	0.46	18
1500	12.39	↓	200	14.36	424	5.98	205.3	0.41	12
1505	12.39	↓	200	14.27	424	5.98	204.9	0.41	9.9
1510	12.39	↓	200	14.20	425	6.03	203.7	0.41	6.4
1515	~~1515~~ KM 12.39	↓	200	14.21	426	6.00	203.4	0.40	1.2

COMMENTS: Purge water slighty cloudy with small orange specks floating. No odor. Well in good condition.
1440 Purge water slighty cloudy. No odor.
Metal was field filtered.

Signature: Ken Mucke

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 60°F

Precipitation: Rain

Wind Speed/Direction: 5-10 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-5

Sample Date / Time: 6/18/09 0825

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 10.25

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0745	10.32	20/10/5	220	14.12	338	5.90	35.2	1.96	240
0750	10.34	↓	220	14.01	337	5.91	33.8	0.96	57
0755	10.36	↓	220	13.90	336	5.91	32.4	0.66	33
0800	10.39	↓	220	13.88	336	5.93	31.8	0.87	26
0805	10.40	20/10/5	220	13.87	334	5.96	32.6	0.99	14
0810	10.39	↓	220	13.86	334	5.98	33.2	0.93	9.6
0815	10.39	↓	220	13.85	334	5.99	32.6	0.94	8.2
0820	10.39	↓	220	13.84	334	6.00	32.3	0.91	7.8
0825	Samples Taken								

COMMENTS:

Signature: Sheli Dow

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003 | Page: 1 of 2
Date: 06/16/09 | Rev.: 0

Prepared by:

Approved by:

MW-6D

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 60
Precipitation: —
Wind Speed/Direction: —

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW6D
Sample Date / Time: 06/16/09 / 1355

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time: —
Initiail Water Level: 6.42

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter MP10-228
Water Level Name/ID: 100' Solinst Water Level Meter 25412

Multimeter Name/ID: YSI 600 XL Multi-Parameter 02F0628AB
Turbidity Name/ID: LaMotte 2020 0354-4197

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) ~~µS/cm~~ 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1155	7.39	30/10/5	150	13.85	374	7.20	22.7	2.20	32.3
1200	7.59	30/10/5	150	13.93	370	7.03	21.9	1.24	17.6
1205	8.14	30/10/5	150	13.30	364	7.05	17.5	1.05	16.6
1210	Generator		Stopped	→ 12	25				
~~1215~~ 1230	7.81	30/10/5	150	13.39	359	7.07	22.7	1.19	16.9
~~1230~~ 1235	8.25	30/10/5	150	13.27	358	7.12	16.9	1.21	21.6
~~1225~~ 1240	8.51	30/10/5	150	13.26	355	7.30	8.4	1.71	22.3
~~1230~~ 1245	8.62	30/10/5	150	13.29	351	7.41	3.7	1.94	41.3
1250	8.69	30/10/5	150	13.29	350	7.52	4.0	2.12	42.5
1255	8.73	30/10/5	150	13.27	349	7.63	5.8	2.31	46.0
1300	8.75	30/10/5	150	13.28	348	7.70	6.7	2.42	43.2
1305	8.75	30/10/5	150	13.29	346	7.75	9.7	2.60	35.9
1310	8.76	30/10/5	150	13.29	346	7.78	12.1	2.72	32.5
1315	8.76	30/10/5	150	13.28	345	7.80	15.6	2.80	23.7
1320	8.76	30/10/5	150	13.27	345	7.80	17.4	2.85	18.0
1325	8.76	30/10/5	150	13.27	343	7.80	18.8	2.88	15.6
1330	8.76	30/10/5	150	13.27	343	7.81	19.1	2.92	14.7
1335	8.76	30/10/5	150	13.28	343	7.81	19.8	2.94	15.1

COMMENTS: CONTD. NEXT PAGE.

Signature: [signature]

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

MW6D

Well ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1340	8.76	30/10/5	150	13.28	343	7.81	20.5	2.97	14.7
1345	8.76	30/10/5	150	13.28	343	7.81	20.2	2.99	14.9
1350	8.76	30/10/5	150	13.33	343	7.80	19.4	2.98	14.6
1355	←		SAMPLE	COLLECTED			→		

COMMENTS:

Signature: [illegible]

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 56°
Precipitation: —
Wind Speed/Direction: —

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW6S
Sample Date / Time: 06/16/09 / 0930

QA/QC Sample (circle): MS / MSD / DUP
QA/QC Sample Time:
Initiail Water Level: 9.45

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter MP102028
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter 02F06289B
Turbidity Name/ID: LaMotte 2020 0354-4197

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 45/cm 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0805	8.75	20/10/5	150	12.96	591	6.55	-62.0	7.97	87.8
0810	9.19	20/10/5	125	12.70	575	6.59	-69.6	4.52	67.3
0815	9.56	20/10/5	150	12.63	569	6.60	-70.6	6.68	38.2
0820	9.58	20/10/5	125	12.98	572	6.59	-70.2	6.00	32.5
0825	9.56	20/10/5	125	13.10	578	6.58	-69.4	5.66	29.0
0830	9.36	20/10/5	125	13.20	610	6.60	-72.5	5.05	21.0
0835	9.36	20/10/5	125	13.21	630	6.62	-74.5	4.89	19.0
0840	9.36	20/10/5	125	13.20	648	6.62	-75.3	4.89	16.0
0845	9.36	20/10/5	125	13.10	661	6.66	-74.7	0.83	15.4
0850	9.36	20/10/5	125	13.03	665	6.67	-73.5	0.84	11.5
0855	9.36	20/10/5	125	12.97	666	6.67	-72.3	0.86	9.6
0900	9.36	20/10/5	125	12.96	668	6.67	-74.2	0.83	8.74
0905	9.36	20/10/5	125	12.96	668	6.67	-75.6	0.81	7.11
0910	9.37	20/10/5	125	12.95	669	6.66	-75.9	0.80	4.42
0915	9.37	20/10/5	125	12.96	669	6.66	-76.3	0.80	4.25
0920	9.37	20/10/5	125	12.96	668	6.66	-76.6	0.79	4.32
0925	9.37	20/10/5	125	12.96	668	6.66	-77.1	0.78	4.29
0930	←	SAMPLE		COLLECTED		→			

COMMENTS:

Signature: C. Pranay

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of 2 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range:
Precipitation:
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW7D
Sample Date / Time: 6/17/09

QA/QC Sample (circle): MS / MSD / DUP
QA/QC Sample Time:
Initiail Water Level: 9.16

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter 02F0628AB
Turbidity Name/ID: LaMotte 2020 0354-4197

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) µS/cm 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0820	9.36	50/10/5	125	13.54	207	6.94	207.6	3.45	583
0825	9.37	50/10/5	125	13.31	268	7.54	200.5	2.73	582
0830	9.41	50/10/5	150	13.22	274	7.77	197.1	2.57	473
0835	9.41	50/10/5	150	13.16	275	7.87	196.1	2.52	422
0840	9.41	50/10/5	150	13.27	274	7.94	195.5	2.44	312
0845	9.40	50/10/5	150	13.43	273	7.97	195.0	2.32	279
0850	9.40	50/10/5	150	13.51	270	7.99	194.8	2.31	197
0855	9.40	50/10/5	150	13.46	265	7.99	194.7	2.26	136
0900	9.40	50/10/5	150	13.55	265	7.99	194.2	2.25	120
0905	9.40	50/10/5	150	13.59	268	8.01	194.1	2.28	82
0910	9.40	50/10/5	150	13.62	270	8.02	193.6	2.25	77
0915	9.40	50/10/5	150	13.65	271	8.04	193.4	2.26	70
0920	9.40	50/10/5	150	13.71	272	8.06	192.8	2.25	59
0925	9.40	50/10/5	150	13.74	273	8.07	192.3	2.26	43
0930	9.40	50/10/5	150	13.76	274	8.08	191.8	2.26	34.6
0935	9.40	50/10/5	150	13.70	274	8.09	191.6	2.25	30.1
0940	9.40	50/10/5	150	13.75	275	8.10	191.2	2.23	23.4
0945	9.40	50/10/5	150	13.76	275	8.10	191.2	2.20	26.8

COMMENTS:

Signature: [signature]

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of 2 Rev.: 0

MW7D

Well ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, (MW7D) MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
0950	9.40	50/10/5	150	13.80	275	8.11	190.7	2.20	17.6
0955	9.40	50/10/5	150	13.83	275	8.11	190.4	2.19	15.3
1000	9.40	50/10/5	150	13.85	275	8.12	190.2	2.18	14.9
1005	9.40	50/10/5	150	13.83	275	8.12	190.1	2.19	15.2
1010	9.40	50/10/5	150	13.83	275	8.12	190.2	2.18	14.8
1015	9.40	50/10/5	150	13.84	275	8.12	190.0	2.18	14.9
1020	← SAMPLE COLLECTED →								

COMMENTS:

Signature: C. Parker

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003	Page: 1 of
Date:	Rev.: 0
Prepared by:	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 65 – 75°
Precipitation: —
Wind Speed/Direction: —

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW7S
Sample Date / Time: 06/17/09 / 1330

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time: —
Initiail Water Level: 8.81

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter 19 P10-2028
Water Level Name/ID: 100' Solinst Water Level Meter 25412

Multimeter Name/ID: YSI 600 XL Multi-Parameter 02F0628AB
Turbidity Name/ID: LaMotte 2020 0354-4197

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1225	8.82	20/10/5	125	14.71	626	6.70	84.5	0.53	Over range
1230	8.82	↑	150	13.17	636	6.60	59.6	0.41	502
1235	8.82		150	13.03	647	6.59	48.3	0.36	345
1240	8.82		150	13.01	651	6.58	40.6	0.51	75.3
1245	8.82		150	13.01	654	6.58	35.9	0.38	59.5
1250	8.82		150	13.00	655	6.58	31.6	0.42	25.8
1255	8.82		150	12.99	656	6.58	29.0	0.39	21.9
1300	8.82		150	12.98	658	6.59	26.4	0.36	14.2
1305	8.82		150	13.00	659	6.59	23.5	0.33	6.51
1310	8.82		150	12.99	661	6.59	21.5	0.31	5.59
1315	8.82		150	12.98	661	6.59	19.9	0.30	5.44
1320	8.82	↓	150	12.98	661	6.59	18.3	0.30	5.39
1325	8.82	20/10/5	150	12.99	661	6.59	17.9	0.30	5.36
1330	←	SAMPLE COLLECTED							→

COMMENTS: Silty for first 5 minutes.

Signature: [signature]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003	Page: 1 of 1
Date:	Rev.: 0

Prepared by:

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 65°F

Precipitation: None

Wind Speed/Direction: light

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-8D

Sample Date / Time: 6-17-09 1030

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time: ~~1030~~

Initiail Water Level: 11.91

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1040	12.40	6.5 30/8.5	200	13.20	355	6.88	216.1	6.26	240
1045	12.40	↓	200	12.59	350	6.97	220.5	5.88	210
1050	12.40	↓	200	12.52	350	7.10	220.8	5.17	190
1055	12.40	↓	200	12.54	350	7.16	220.8	4.74	180
1100	12.40	↓	200	12.57	351	7.19	218.4	4.62	91
1105	12.40	↓	200	12.53	352	7.19	219.0	4.67	82
1110	12.40	↓	200	12.49	357	7.14	221.0	4.74	70
1115	12.40	↓	200	12.49	357	7.14	221.3	4.74	51
1120	12.40	↓	200	12.49	357	7.14	221.3	4.74	40
1125	12.40	↓	200	12.49	357	7.14	221.3	4.74	19
1130	12.40	↓	200	12.49	357	7.14	221.4	4.74	11
1135	12.40	↓	200	12.50	357	7.14	221.4	4.74	7.2
1140	12.40	↓	200	12.49	357	7.14	221.3	4.74	7.1
1145	12.40	↓	200	12.49	357	7.14	221.3	4.74	6.8

COMMENTS: Purge water slighty cloudy gray. No odor.
Metals were field filtered
Well in good condition

Signature: Ken Manke

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of 1 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 50°F
Precipitation: None
Wind Speed/Direction: light

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-8S
Sample Date / Time: 6-17-09 0800

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time: 0920
Initiail Water Level: ~~12.34~~ 13.79

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0820	13.82	10 15/5	280	12.01	332	5.93	266.9	5.13	230
0825	13.82		280	11.81	328	5.91	262.7	4.17	202
0830	13.82		280	11.65	323	5.90	264.6	5.37	101
0835	13.82		280	11.62	322	5.90	266.7	5.33	62
0840	13.82		280	11.62	321	5.91	268.1	5.91	40
0845	13.82		280	11.62	319	5.91	270.2	590	28
0850	13.82		280	11.63	319	5.91	271.1	5.90	21
0855	13.82		280	11.63	319	5.89	271.9	5.91	18
0900	13.82		280	11.64	318	5.89	272.2	5.92	11
0905	13.82		280	11.64	318	5.89	272.4	5.90	7.5
0910	13.82		280	11.63	318	5.89	272.5	5.90	6.2
0915	13.82		280	11.63	319	5.88	272.7	5.91	6.1

COMMENTS: Purge water cloudy gray. No odor.
TD = ~~48.85~~ KM Well in good condition.
Metals were field filtered.
0855: Purge water clear. No odor.

Signature: Ken Marks

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 60°F
Precipitation: Overcast
Wind Speed/Direction: 5-10 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-9D
Sample Date / Time: 6/16/09 0910

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 7.04

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0755	7.79	30/10/5	250	13.56	209	5.43	96.2	2.25	240
0805	10.61	30/10/5	250	13.49	209	5.49	82.1	1.27	380
0810	9.85	20/10/5	100	13.31	210	5.56	76.3	0.65	360
0815	9.70	25/10/5	100	13.67	214	5.59	71.4	0.77	340
0820	9.83	30/10/5	220	13.49	212	5.64	59.6	0.85	95
0825	10.11	↓	220	13.39	209	5.64	60.2	0.81	68
0830	10.38	↓	220	13.33	206	5.64	64.9	0.70	45
0835	10.52	↓	220	13.49	205	5.65	64.9	0.65	34
0840	10.66	30/10/5	220	13.60	205	5.65	64.8	0.58	28
0845	10.67	↓	220	13.88	206	5.65	65.0	0.53	17
0850	10.69	↓	220	14.01	207	5.65	65.3	0.49	13
0855	10.64	↓	220	14.04	206	5.66	65.7	0.41	9.2
0900	10.61	30/10/5	220	14.05	207	5.66	65.9	0.38	8.5
0905	10.59	↓	220	14.07	206	5.65	65.9	0.38	7.9
0910	Samples Taken								

COMMENTS:

Signature: Sheli D.

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 65-70° F
Precipitation: Some sun
Wind Speed/Direction: 5-10 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-9S
Sample Date / Time: ~~CK 6/16/09~~ 6/17/09 1250

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 6.68

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1040	6.84	25/10/5	260	17.41	294	6.46	80.1	1.52	550
1045	6.91	20/10/5	180	16.45	286	6.32	98.9	0.71	510
1100	6.91	↓	170	15.70	318	6.52	35.0	.44	95
1105	6.94	↓	170	15.87	329	6.49	28.4	0.46	82
1110	6.98	↓	170	15.94	330	6.47	23.2	0.49	70
1115	6.98	20/10/5	170	16.01	335	6.49	18.9	0.41	62
1120	6.99	↓	170	16.07	338	6.50	13.8	0.39	55
1125	6.97	↓	170	16.09	340	6.51	10.9	0.38	51
1130	6.95	↓	170	16.12	342	6.52	9.9	0.37	45
1135	6.94	20/10/5	170	16.23	344	6.53	7.2	0.35	40
1140	6.92	↓	170	16.37	348	6.55	4.9	0.33	55
1145	6.94	↓	170	16.37	349	6.55	3.0	0.34	47
1150	6.94	↓	170	16.36	349	6.56	1.7	0.35	45
1155	6.94	20/10/5	170	16.35	350	6.57	-1.0	0.35	45
1200	6.94	↓	170	16.33	350	6.57	-1.2	0.34	45
1205	6.94	↓	170	16.32	351	6.58	-2.7	0.33	21
1210	6.94	↓	170	16.31	352	6.59	-3.8	0.32	34
1215	6.94	20/10/5	170	16.31	352	6.59	-5.1	0.32	31

COMMENTS:
Water dark color upon discharge

Signature: Sheli Dool

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 2 of Rev.: 0

MW 9S

Well ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1220	6.94	20/10/5	170	16.31	353	6.59	-6.0	0.32	30
1225	6.94	↓	170	16.19	353	6.60	-7.2	0.30	33
1230	6.94	↓	170	16.16	353	6.61	-8.8	0.28	35
1235	6.94	↓	170	16.10	353	6.63	-10.2	0.31	31
1240	6.94	↓	170	16.15	353	6.63	-10.7	0.36	27
1245	6.94	20/10/5	170	16.12	353	6.64	-11.3	0.35	30
1250	Samples Taken								

COMMENTS:

Signature: Shelli Dodson

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of
Date:		Rev.:	0

Prepared by: _____

Approved by: _____

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli D., (Pranay C.), Ken M., Corey R.

Temperature Range: 65°

Precipitation: 60%

Wind Speed/Direction: —

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW10

Sample Date / Time: 6/15/09

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 9.63

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter MP10 2028

Water Level Name/ID: 100' Solinst Water Level Meter 25412

Multimeter Name/ID: YSI 600 XL Multi-Parameter 02F062843

Turbidity Name/ID: LaMotte 2020 0354-4197

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, (MW10), MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) mS/cm 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1620	9.64	20/10/5	100	15.09	837	6.93	-63.0	1.09	268
1625	9.64	20/10/5	100	14.36	841	6.98	-71.2	0.50	155
1630	9.64	20/10/5	125	14.31	844	7.00	-74.1	0.40	105.9
1635 (~~1640~~)	9.64	20/10/5	100	14.27	845	7.01	-74.7	0.33	74.0
1640 (~~1645~~)	9.64	20/10/5	100	14.24	846	7.01	-74.8	0.32	60.1
1645 (~~1650~~)	9.64	20/10/5	100	14.24	846	7.01	-75.4	0.30	51.4
1650 (~~1655~~)	9.64	20/10/5	100	14.24	846	7.01	-75.3	0.29	42.6
1655 (~~1700~~)	9.64	20/10/5	100	14.27	848	7.02	-75.4	0.28	40.0
1700 (~~1705~~)	9.65	20/10/5	100	14.28	848	7.02	-75.1	0.28	30.7
1705 (~~1710~~)	9.65	20/10/5	100	14.25	848	7.03	-74.9	0.27	26.0
1710	9.65	20/10/5	100	14.23	848	7.03	-75.0	0.26	20.1
1715	9.65	20/10/5	100	14.21	848	7.03	-75.0	0.27	14.9
1720	9.65	20/10/5	100	14.20	849	7.03	-75.1	0.26	12.8
1725	9.65	20/10/5	100	14.21	850	7.03	-75.1	0.26	13.4
1730	9.65	20/10/5	100	14.21	850	7.03	-75.0	0.27	12.9
1735	9.65	20/10/5	100	14.20	850	7.03	-75.0	0.26	13.1
1740	←		SAMPLE	COLLECTED			→		
(PC) ~~1745~~									

COMMENTS: Slow to dissipate brown color and ~~slow~~ light sheen observed ~~to~~ in the water.

Signature: [signature]

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 60°F
Precipitation: Overcast
Wind Speed/Direction: >5-10 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-11D
Sample Date / Time: 6/16/09 1125 Dups=1205

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 9.21

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1005	8.75	30/10/5	160	13.15	370	5.89	204.1	6.10	45
1010	8.86	↓	160	12.35	362	5.76	217.2	5.64	40
1015	8.90	↓	160	12.27	361	5.78	218.9	5.63	31
1020	8.89	↓	160	12.17	361	5.80	221.7	5.61	27
1025	8.89	30/10/5	160	12.15	361	5.82	224.7	5.68	19
1030	8.89	↓	160	12.09	345	5.84	226.1	5.66	25
1035	8.88	↓	160	12.17	361	5.85	228.1	5.65	29
1040	8.90	↓	160	12.41	361	5.86	229.1	5.64	17
1045	8.90	30/10/5	160	12.24	360	5.87	230.7	5.66	14
1050	8.90	↓	160	12.25	361	5.88	232.2	5.64	16
1055	8.90	↓	160	12.28	361	5.89	233.7	5.61	14
1100	8.90	↓	160	12.24	360	5.89	235.1	5.63	10
1105	8.90	30/10/5	160	12.17	360	5.90	236.9	5.60	9.6
1110	8.90	↓	160	12.20	360	5.90	237.9	5.65	7.9
1115	8.90	↓	160	12.16	361	5.90	239.2	5.63	8.3
1120	8.90	↓	160	12.14	361	5.90	240.2	5.64	5.6
1125	Samples Taken								
1205	Duplicates Taken								

COMMENTS:

Signature: Sheli Dool

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of
Date:		Rev.:	0

Prepared by:

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 65 F

Precipitation: Overcast

Wind Speed/Direction: 5-10 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-11S

Sample Date / Time: 6/16/09 1610

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level:

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1320	7.30	25/10/5	320	15.36	307	7.10	-106.4	1.52	>200
1325	7.80	20/10/5	320	12.06	303	6.88	-98.8	1.12	>200
1335	7.65	↓	320	13.47	314	6.89	-95.0	1.36	200
1340	7.75	20/10/5	260	13.29	295	6.90	-96.6	1.50	240
1350	8.20	↓	280	12.25	297	6.90	-102.7	1.61	110
1400	8.64		260	12.57	300	6.91	-112.6	1.02	200
1410	8.69	15/10/5	140	12.72	309	6.89	-114.3	0.85	220
1415	8.91	25/10/5	260	12.70	315	6.87	-115.5	0.76	200
1420	9.21	↓	260	12.54	328	6.85	-117.3	0.59	140
1430	8.77	20/10/5	90	13.48	355	6.87	-119.8	0.67	85
1435	8.80	20/10/5	160	13.24	353	6.86	-118.9	0.79	75
1440	8.87	↓	160	13.01	351	6.86	-116.2	0.79	71
1445	9.00	↓	160	12.45	348	6.85	-114.8	0.80	65
1450	9.12	↓	160	12.37	345	6.83	-112.1	0.78	45
1455	9.21	↓	160	12.24	343	6.81	-108.2	0.75	30
1500	9.29	20/10/5	180	12.24	340	6.80	-108.7	0.59	27
1505	9.36	↓	180	12.23	339	6.80	-109.9	0.40	19
1510	9.41	↓	180	12.22	335	6.79	-108.5	0.40	25

COMMENTS:

Dark sludge water upon initial discharge

Signature: Sheli D

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of Rev.: 0

Well ID: MW11S

MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1515	9.45	20/10/5	180	12.21	331	6.78	-108.2	0.39	22
1520	9.49	↓	180	12.23	336	6.77	-107.1	0.39	27
1525	9.56	↓	180	12.25	338	6.76	-105.8	0.39	33
1530	9.61	↓	180	12.24	336	6.77	-107.7	0.21	29
1535	9.67	20/10/5	180	12.23	335	6.77	-108.6	0.27	26
1540	9.70	↓	180	12.23	335	6.76	-108.1	0.30	29
1545	9.71	↓	180	12.22	335	6.76	-107.5	0.31	29
1550	9.74	↓	180	12.20	336	6.75	-106.1	0.35	27
1555	9.80	20/10/5	180	12.19	336	6.74	-104.0	0.39	25
1600	9.81	↓	180	12.17	335	6.74	-103.7	0.34	26
1605	9.83	↓	180	12.10	334	6.74	-103.8	0.34	26
1610	Samples Taken								

COMMENTS:

Signature: Shelli Dook

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range:

Precipitation:

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW12D

Sample Date / Time: 6/15/09 1630

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 10.86

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1440	11.30	10.0/5.0	270	14.16	319	6.39	-29.1	29.7	200
1445	11.20	10/5	280	13.64	314	6.34	87.0	28.6	198
1450	11.22	10/5	280	13.57	315	6.35	99.0	28.4	162
1455	11.31	10/5	280	13.57	312	6.31	104.6	28.4	150
1500	11.30	10/5	280	13.56	312	6.30	123.0	28.6	104
1505	11.30	10/5	280	13.57	313	6.30	123.5	28.9	96
1510	11.21	10/5	260	13.54	314	6.30	136.5	29.2	75
1515	11.22	10/5	260	13.48	313	6.30	138.8	29.0	69
1520	11.22	10/5	260	13.44	315	6.30	153.1	29.1	58
1525	11.23	10/5	280	13.46	316	6.31	158.7	29.7	51
1530	11.25	10/5	280	13.49	317	6.31	160.1	30.1	45
1535	11.25	10/5	280	13.43	315	6.30	156.9	31.6	36
1540	11.25	10/5	280	13.44	315	6.30	157.1	31.5	31
1545	11.25	10/5	280	13.41	314	6.30	154.4	29.2	28
1550	11.25	10/5	280	13.41	316	6.30	169.4	29.5	21
1555	11.25	10/5	280	13.40	315	6.30	174.1	29.6	18
1600	11.25	10/5	280	13.40	315	6.30	177.7	29.5	16
1605	11.25	10/5	280	13.41	315	6.30	182.2	29.5	15

COMMENTS:

Signature: Sheli Dool

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 2 of Rev.: 0

Well ID: MW12D

MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1610	11.25	10/5	280	13.37	315	6.30	183.2	29.5	13
1615	11.25	10/5	280	13.30	315	6.30	187.1	29.6	9.4
1620	11.24	10/5	280	13.31	315	6.30	188.0	29.7	8.9
1625	11.25	10/5	280	13.35	315	6.30	191.1	29.6	5.3
1630	Samples Taken								

COMMENTS:

Signature: Shelli Dool

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of
Date:		Rev.:	0
Prepared by:			
Approved by:			

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018
Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 65-70°F
Precipitation: Overcast
Wind Speed/Direction: 75 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW12S
Sample Date / Time: 6/16/09

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 10.35

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

	Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
					Set up pump, fill flow-through cell, etc.					
6/15	1330	10.69	10.0/5.0	210	14.85	774	6.52	-167.4	3.9	28
	1335	11.13		220	13.98	762	6.59	-225.1	21.0	14
	1340	11.60		220	13.89	767	6.69	-228.3	14.1	11
	1345	11.94		220	13.65	761	6.78	-225.0	7.8	6.7
	1350	12.21		220	13.55	773	6.94	-223.9	5.1	9.5
	1355	—		220	13.61	784	7.14	-221.1	13.6	45
	1400	well ~~[illegible]~~	ran dry							
6/16	0800	Samples Taken								

COMMENTS:

Signature: Sheli Doll

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018

Sampler(s): Sheli D., Pranay C., Ken M., Corey R.

Temperature Range: 70°F

Precipitation: Sunny

Wind Speed/Direction: 5-10 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-13 1515

Sample Date / Time: 6/17/09

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 14.56

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1410	14.85	30/10/5	320	13.81	203	5.69	206.0	12.16	90
1415	14.66	20/10/5	100	13.99	211	5.57	215.6	11.83	81
1420	14.80	25/10/5	260	13.93	219	5.53	221.7	11.75	65
1425	14.81	↓	260	12.97	220	5.46	233.7	11.95	42
1430	14.80	↓	260	12.72	223	5.47	241.5	11.96	37
1435	14.80	↓	260	12.69	227	5.48	243.7	11.96	32
1450	14.80	↓	260	12.44	237	5.48	257.9	11.96	19
1455	14.80	25/10/5	260	12.41	237	5.47	259.7	11.99	12
1500	14.80	↓	260	12.39	237	5.47	262.8	12.01	9.1
1505	14.80	↓	260	12.40	237	5.47	263.0	12.02	5.2
1510	14.80	↓	260	12.41	237	5.47	263.4	12.04	4.9
1515	Samples Taken								

COMMENTS:

Signature: Sheli Dorl

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003
Date: 9-3-09
Page: 1 of 1
Rev.: 0

Sample time = 1005
Sun + clouds 67 to 72°F wind light

MW-1

Start time 800 DTW = 8.79

Well ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
0820	2.86	5 15/10	200	14.33	.240	7.87	112.7	11.30	505
0825	2.87		200	14.35	.237	7.19	128.8	10.37	495
0830	2.85		180	14.41	.238	6.63	151	10.09	307
0835	2.88		180	14.36	.239	6.42	166.4	10.08	159
0840	2.86		180	14.37	.239	6.22	173.2	10.09	102
0845	2.86		180	14.38	.239	6.09	180.1	10.08	81.8
0850	2.85		180	14.38	.240	6.01	185.0	10.08	69.1
0855	2.87		180	14.36	.240	5.97	185.8	10.09	70.0
0900	2.86		180	14.38	.239	5.94	187.6	10.06	56.3
0910	2.85		180	14.41	.240	5.90	190.1	10.08	42.7
0915	2.87		180	14.43	.240	5.91	192.1	10.06	31.2
0920	2.87		180	14.47	.239	5.90	193.2	10.06	28.7
0925	2.87		180	14.50	.240	5.88	193.8	10.05	20.3
0930	2.87		180	14.51	.240	5.87	194.2	10.04	14.7
0935	2.86		180	14.53	.240	5.86	194.5	10.04	11.9
0940	2.86		180	14.58	.240	5.87	194.9	10.03	11.2
0950	2.86		180	14.62	.241	5.88	195.3	10.01	10.0
0955	2.87		180	14.66	.241	5.87	195.1	10.01	9.12
1000	2.87		180	14.64	.241	5.87	195.6	10.02	6.37
1005 = Sample time									

COMMENTS: MW-1 1005 Sample time

Signature: Kai Maude

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003 | Page: 1 of 2
Date: 8/31/09 | Rev.: 0
Prepared by: KMA
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 70-73°F
Precipitation: —
Wind Speed/Direction: light breeze

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID:
Sample Date / Time: 8/31/09 // 1620
Resample (w Ambers) 9/3/09 1100

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 2.11

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
Set up pump, fill flow-through cell, etc.									
1401	2.11	→ Cycle adjustments.				~~6.79~~			
1418	4.28	13/2	120	16.79	0.712	6.79	-130.1	0.74	Err3
1422	3.25	13/2	120	16.85	0.713	6.72	-127.4	0.52	Err3
1427	3.33	13/2	120	16.97	0.711	6.69	-115.0	0.32	277
1432	3.35	13/2	120	16.87	0.702	6.70	-115.0	0.26	147
1437	3.35	13/2	120	16.88	0.695	6.71	-103.3	0.25	94.9
1442	3.35	13/2	120	16.98	0.689	6.73	-102.5	0.19	73.3
1447	3.34	13/2	120	16.98	0.684	6.73	-102.0	0.12	48.8
1452	3.37	13/2 ✓	120 ✓	16.98	0.683	6.73	-101.9	0.14	44.6
1457	3.37	13/2	120 ✓	16.90	0.681	6.74	-96.9	0.14	35.3
1502	3.36	13/2	120 ✓	16.90	0.682	6.74	-98.5	0.12	28.5
1507	3.36	13/2	120	16.88	0.681	6.75	-101.4	0.11	33.2
1512	3.37	13/2	120	16.88	0.682	6.75	-100.7	0.08	28.0
1517	3.37	13/2	120	16.88	0.682	6.75	-98.5	0.10	22.3
1522	3.37	13/2	120	16.84	0.682	6.75	-100.1	0.10	19.9
1527	3.37	13/2	120	16.86	0.682	6.76	-99.9	0.09	16.7
1532	3.38	13/2	120	16.88	0.678	6.76	-99.3	0.09	17.2
1537	3.38	13/2	120	16.81	0.675	6.77	-99.8	0.10	14.1

COMMENTS:
Work recently performed in the landscaped area behind the building. A drainage strip follows along the back the wetlands.

Signature: KMA

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date: 8/31/09	Page: 2 of 2 Rev.: 0

Well ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1542	3.39	13/2	120	16.77	0.672	6.77	-101.6	0.10	14.0
1547	3.39	13/2	120	16.73	0.668	6.78	-101.7	0.10	18.0
1552	3.40	13/2	120	16.72	0.667	6.78	-102.1	0.10	12.7
1557	3.40	13/2	120	16.68	0.663	6.79	-99.7	0.10	12.4
1602	3.40	13/2	120	16.67	0.657	6.79	-100.2	0.10	9.69
1607	3.40	13/2	120	16.67	0.654	6.80	-101.2	0.10	9.13
1612	3.40	13/2	120	16.67	0.654	6.80	-102.1	0.10	9.19
1617	3.40	13/2	120	16.64	0.652	6.80	-103.0	0.10	9.09
1622	approx 5 gallons purged.								
1620	sample time								
1706	finish collecting sample								
9/3/09									
S. Dookran	Resample due to temp. Recieved failure by lab - 6 Amber jars								
1000	3.0	10/5/10	280	17.14	0.802	6.82	-121.6	0.54	357 *
1005	3.57	13/2/10	200	17.12	0.796	6.83	-113.7	0.31	398
1010	3.41	13/2/5	100	17.17	0.764	6.81	-110.4	0.32	261
1015	3.52	10/5/5	220	17.03	0.685	6.78	-106.2	0.27	182
1020	3.47	12/3/5	160	17.01	0.677	6.79	-101.2	0.22	136
1025	3.49		↓	16.98	0.672	6.79	-102.4	0.23	121
1030	3.49		↓	16.99	0.674	6.78	-101.9	0.22	53.1
1035	3.48		↓	16.97	0.672	6.78	-103.1	0.22	46.2
1040	3.49		160	16.98	0.668	6.78	-103.2	0.23	35.5
1045	3.49		↓	16.97	0.669	6.78	-103.0	0.23	31.4
1050	3.49		↓	16.97	0.669	6.78	-102.8	0.23	29.3
1055	3.49		↓	16.97	0.668	6.78	-102.7	0.22	19.9
1100	Sample collected								

COMMENTS:

* oily sheen noticed in discharge water

Signature:

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of
Date:		Rev.:	0
Prepared by:			
Approved by:			

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 75°F
Precipitation: none
Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-3S
Sample Date / Time: 9/1/09 1415

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 10.78

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc					
1330	10.82	10/5/20	400	14.28	1.120	6.74	-81.0	4.77	11.5
1335	10.92	10/5/10	160	14.11	0.915	6.68	-79.7	4.77	7.82
1340	10.87		↓	13.84	0.857	6.63	-77.0	6.83	6.99
1345	10.85			13.81	0.811	6.21	-77.4	6.27	6.54
1350	10.85			13.79	0.803	6.17	-76.9	6.15	6.31
1355	10.85		160	13.84	0.766	5.97	-85.2	6.12	4.98
1400	10.85		↓	13.75	0.757	6.10	-87.6	5.56	4.57
1405	10.85			13.74	0.754	6.13	-87.7	5.45	4.22
1410	10.85			13.70	0.745	6.14	-86.8	5.49	3.88
1415	Samples Collected								
				SLD 9/1/09					

COMMENTS:

Signature: Sheli Dad

6"

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of
Date:		Rev.:	0
Prepared by:			
Approved by:			

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0320

Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 70°F

Precipitation: none

Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-3D

Sample Date / Time: 9/1/09 1015 + MS/MSD

QA/QC Sample (circle): MS / MSD, DUP

QA/QC Sample Time: 1015

Initiail Water Level: 10.73

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0940	10.81	10/5/20	120	12.85	0.461	7.68	155.7	8.05	0.75
0945	10.92			12.64	0.405	7.42	226.4	5.35	0.69
0950	11.04			12.09	0.401	7.33	259.8	4.12	0.63
0955	11.13			12.05	0.402	7.28	277.3	3.90	0.55
1000	11.15		120	12.02	0.400	7.28	291.9	3.91	0.25
1005	11.15			12.03	0.399	7.29	299.4	3.87	0.42
1010	11.15			11.98	0.397	7.29	303.2	3.85	0.33
1015	Collected samples + MS/MSD								

SHD 9/1/09

COMMENTS:

Signature: Sheli Dart

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003	Page: 1 of
Date:	Rev.: 0
Prepared by:	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 70°F
Precipitation: none
Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-3B
Sample Date / Time: 9/1/09 1230

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 11.41

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1115	11.52	10/5/20	120	12.88	0.480	9.91	114.8	1.69	45.7
1120	11.69			13.25	0.311	9.68	291.6	0.52	32.2
1125	11.81			13.46	0.300	9.33	311.4	0.99	29.6
1130	12.04			13.48	0.291	9.39	357.3	1.09	27.3
1135	12.16		120	13.79	0.290	9.41	371.1	1.12	21.0
1140	12.39			13.87	0.293	9.29	389.7	1.03	18.0
1145	12.60	10/5/20		13.88	0.291	9.34	411.9	1.00	12.6
1150	12.63			14.00	0.293	9.26	420.1	1.06	11.9
1155	12.63		120	13.91	0.294	9.29	425.8	1.02	12.2
1200	12.65			14.03	0.294	9.27	432.6	1.05	13.0
1205	12.91	10/5/25	280	12.92	0.298	8.58	474.2	1.13	13.0
1210	13.06			12.92	0.299	8.14	496.3	1.15	12.7
1215	13.17			12.92	0.300	8.12	500.0	1.17	12.5
1220	13.31			12.91	0.299	7.99	503.7	1.14	12.1
1225	13.47			12.90	0.299	7.94	506.2	~~1.12~~ 1.09	11.9
1230	Sample	Collected						1.14	

9/1/09

COMMENTS:

Signature: Sheli Dodson

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date: 9-2-09	Page: 1 of 1 Rev.: 0
		Prepared by: Ken Marks	
		Approved by:	

Site Name:	Scovill Industrial Landfill Superfund Site - Waterbury, CT	Temperature Range:	74 to 76
Project Number/Task:	80018.03/0320	Precipitation:	None
Sampler(s):	Sheli D., Kelly A., Ken M., Corey R.	Wind Speed/Direction:	E 1 to 5 mph

SAMPLE INFORMATION

Sampling Round:	Round 3 - June 2009	QA/QC Sample (circle):	MS / MSD , DUP
Sample ID:	MW-4S	~~QA/QC~~ Sample Time:	1525
Sample Date / Time:	9-2-09 1525	Initiail Water Level:	11.88

Equipment Information

Pump Type:	Bladder Pump	Multimeter Name/ID:	YSI 600 XL Multi-Parameter
Pump Name/ID:	QED Micropurge Pump 1-3/4" Diameter	Turbidity Name/ID:	LaMotte 2020
Water Level Name/ID:	100' Solinst Water Level Meter		

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
Set up pump, fill flow-through cell, etc.									
1410	11.89	5 15/10	240	17.36	.380	5.12	97.5	1.95	286
1415	11.88			16.98	.376	5.04	93.5	4.41	201
1420	11.90			16.83	.373	4.96	96.0	5.25	122
1425	11.87			16.68	.370	4.91	97.8	3.72	60.0
1430	11.86			16.61	.367	5.03	101.7	3.19	32.8
1435	11.88			16.44	.363	5.02	105.1	2.82	22.1
1440	11.85			16.39	.361	5.06	107.2	2.41	18.8
1445	11.87			16.30	.359	5.11	110.3	2.11	14.8
1450	11.88			16.30	.357	5.14	111.4	1.77	11.7
1455	11.88			16.24	.357	5.17	112.6	1.62	10.7
1500	11.87			16.28	.356	5.20	112.4	1.34	9.18
1505	11.88			16.27	.356	5.22	112.0	1.31	6.10
1510	11.88			16.25	.356	5.24	111.8	1.28	5.77
1515	11.87			16.24	.356	5.24	112.2	1.23	5.71
1520	11.88			16.22	.356	5.23	112.0	1.21	5.68
1525	Sample	time							

COMMENTS: 1410 Purge water cloudy gray. No odor.

Signature: Ken Marks

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date: 9/3/09	Page: 2 of Rev.: 0

Well ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1017	Begin sampling								
1127	Finish sampling								
3.75 gal	Approx purged								
	new jplug installed								

COMMENTS: see pg 1. Turbidity started increasing so began sampling
sampling water is a pale brown color

Signature:

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date: 9/3/09	Page: 1 of Rev.: 0
		Prepared by: KMA	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 60-70°F
Precipitation: overcast
Wind Speed/Direction: light breeze @times

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID:
Sample Date / Time: 9/30/09 10:17

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 12.00

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10	
				Set up pump, fill flow-through cell, etc.						
0902	Start pumping — discharge cycle indicator is not changing color of making the release sound. Recheck everything & make adjustments. Wait - water begins to enter chamber									
0909	12.05	10/5	320✓	14.68	0.281	7.83	117.9	100.2	Er3	~40ps
0914	12.04	10/5	160✓	14.62	0.257	6.77	105.8	100.2	Er3	~25-30
0919	12.02	10/5	170✓	14.93	0.254	6.55	105.8	99.2	669	
0924	12.03	10/5	170✓	14.99	0.252	6.42	106.8	100.2	483	
0929	12.03	10/5	~180✓	14.97	0.251	6.35	108.6	99.2	384	
0934	12.03	10/5	180✓	14.96	0.250	6.28	108.5	100.2	302	
0939	12.03	10/5	~180+	15.11	0.249	6.24	111.5	99.2	274	
0944	12.03	10/5	180+	15.13	0.249	6.22	113.3	100.2	221	
0949	12.03	10/5	~180	15.11	0.248	6.18	113.8	100.2	211	
0954	12.03	10/5	~180	15.23	0.248	6.15	115.9	100.2	172	
0959	12.03	10/5	~160	15.19	0.248	6.14	116.0	100.2	159	
1004	12.03	10/5	160✓	15.22	0.247	6.12	117.7	100.2	227/	134
1009	12.03	10/5	160	15.15	0.247	6.10	120.7	100.2	142	↑
1014	12.03	10/5	160	15.14	0.247	6.09	121.9	100.2	161	↑

COMMENTS:

Some H_2O in roadbox. Will put jplug on pvc
1 bolt is sheared off - only threads remain in place

Signature: KMA.

* Took some serious McGyver action to get tubing out of the well. It will be tied like others for easy retrieval (in future).

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003
Date:
Page: 1 of 1
Rev.: 0

SAMPLE ID: MW-5
SAMPLE DATE/TIME: 9/3/09 0845
70°F, no precip., wind ≈ 5 mph
Bladder pump

SHELI DOOKRAN

Well ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
0755	9.90				Flow cell fill up/set up				
0800	9.91	10/5/10	210	15.71	0.677	6.26	32.9	1.38	137
0805	9.91		↓	15.73	0.669	6.22	32.2	1.05	62.3
0810	9.91			15.79	0.667	6.18	37.3	1.01	24.4
0815	9.91			15.83	0.666	6.14	44.2	0.97	13.9
0820	9.91		210	15.78	0.667	6.10	58.8	1.50	11.1
0825	9.91		↓	15.81 ✓	0.666 ✓	6.05 ✓	71.2	1.03	8.70
0830	9.91			15.86 ✓	0.667 ✓	6.03 ✓	78.3	1.07	7.98
0835	9.91		↓	15.90 ✓	0.666 ✓	6.00 ✓	85.0 ✓	1.12 ✓	6.92
0840	9.91		210	15.87 ✓	0.666 ✓	5.99 ✓	88.2 ✓	1.15 ✓	5.93
0845	Sample collected								

COMMENTS:
- Water was pooled in well cap surrounding opening but not to height of PVC pipe.

Signature: Sheli Dookran

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 9/2/09	Page: 1 of 2 Rev.: 0
		Prepared by: KMA	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D. / Kelly A. / Ken M., Corey R.

Temperature Range: ± 70°F
Precipitation: Sun
Wind Speed/Direction: Calm.

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID:
Sample Date / Time: 9/2/09 1632

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 8.56

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter - batt.
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10	
				Set up pump, fill flow-through cell, etc						
1448	adjusting control box 1 psi									
1453	9.05	10/5	140 ✓	Adjusting						
1455	9.23	10/5	160 ✓	16.63	0.509	6.39	-50.0	2.98	147	
1500	9.26	10/5	120 ✓	16.54	0.506	6.35	-53.1	3.84	129.6	
1505	9.29	10/5	120	16.49	0.501	6.31	-47.6	4.81	61.1	
1510	9.30	10/5	120	16.62	0.501	6.29	-41.1	6.40	68.5	floc
1515	9.31	10/5	120	16.73	0.506	6.26	-36.2	7.76	43.0	
1520	9.26	10/5	100 ✓	16.86	0.514	6.25	-35.0	8.10	34.9	
1525	9.24	10/5	120 ✓	16.91	0.525	6.26	-34.3	6.24	38.6	
1530	9.29	10/5	120	16.81	0.542	6.24	-38.8	9.87	25.8	
1535	9.26	10/5	120 ✓	16.87	0.565	6.26	-38.9	8.63	72.7	floc
1540	9.23	10/5	120	16.78	0.579	6.27	-35.8	10.89	18.2	
1545	9.23	10/5	120	16.78	0.599	6.30	-35.7	8.24	15.8	
1552	9.23	10/5	120	16.80	0.618	6.32	-36.1	7.19	12.3	
1557	9.23	10/5	120	16.83	0.637	6.33	-38.0	6.55	9.05	✓
1602	9.22	10/5	120	16.79	0.651	6.36	-40.2	6.14	8.46	
1607	9.22	10/5	120	16.81	0.655	6.38	-40.9	5.79	6.53	
1612	9.21	10/5	120	16.84	0.656	6.39	-41.7	5.29	5.42	

COMMENTS: Roadbox filled with a lot of soil. Will remove some so that valve is visible & when opened no soil will go down the well

Signature: [signature]

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 9/2/09	Page: 2 of 2 Rev.: 0

Well ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1617	9.21	10/5	120 ✓	16.79	0.658	6.41	-42.6	5.39	4.19
1622	9.22	10/5	120 ✓	16.81	0.662	6.42	-43.7	5.22	4.11
1627	9.21	10/5	120	16.88	0.670	6.44	-45.1	4.13	3.49
1632	start sampling				✓				
1732	finish.								
~3.5 gallons of water purged									
Samples collected with vehicle off									

COMMENTS: see pg. 1

Signature: [illegible]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003 | Page: 1 of
Date: 9/2/09 | Rev.: 0
Prepared by: KMA
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: ±70°F
Precipitation: sun
Wind Speed/Direction: light breezes

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-6D
Sample Date / Time: 9/2/09

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 6.31

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter – batt.
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI-600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10	
Set up pump, fill flow-through cell, etc.										
1158	Start pump at			10/5	pressure/discharge.					
adjust 1201	7.93	10/5	320 ✓	15.07	0.296	6.88	77.4	4.18	22.5	
1206	8.10	10/5	240 ✓	15.45	0.298	7.12	78.5	4.02	18.4	
1211	8.30	10/5	210 ✓	14.86	0.295	7.28	78.1	4.08	18.3	
25psi → 1216	8.25	10/5	160 ✓	15.18	0.296	7.37	77.5	4.01	16.5	
1221	8.10	10/5	160	15.28	0.298	7.44	76.4	3.96	29.4	
1226	8.06	10/5	160 ✓	15.30	0.298	7.50	75.8	3.85	30.9	
1231	8.03	10/5	140 ✓	15.27	0.298	7.56	75.4	3.95	37.4	← +
1236	8.01	10/5	140	15.35	0.298	7.60	74.6	4.15	29.3	
1242	8.00	10/5	140 ✓	15.33	0.298	7.63	74.1	4.07	29.6	
1246	8.01	10/5	140	15.11	0.296	7.65	75.1	4.08	26.3	
1256	8.02	10/5	140	15.15	0.296	7.67	74.9	4.14	22.4	
1301	8.02	10/5	140	15.11	0.296	7.69	74.3	4.14	24.4	↑
1306	8.02	10/5	140	15.12	0.296	7.70	74.2	4.15	26.9	↑
1310	Start sampling									
1405	Finish sampling									
~2.5 gall purged										

COMMENTS:

Many small ants w/. larvae in the RB. Flung the plug onto the grass. Cleaned it off. Only a few sm. ants in sand of RB now.

Signature: KMA

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 8-31-09	Page: 1 of 1 Rev.: 0
		Prepared by: Ken Meaks	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 60 to 68
Precipitation: None
Wind Speed/Direction: SW 1 to 7 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-7S
Sample Date / Time: 8-31-09 1400

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 8.23

Sample time = 1540

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge Press = 25	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
Set up pump, fill flow-through cell, etc.									
~~1400~~ 1415	8.23	10/5	240	16.72	.594	7.20	20.1	7.92	300
1420	8.26		240	16.53	.595	6.74	64.9	7.50	247
1425	8.25		240	16.24	.595	6.65	80.7	6.81	202
1430	8.25		240	16.22	.597	6.59	65.6	6.17	145
1435	8.24		240	16.47	.606	6.52	51.1	5.70	50.3
1440	8.24		240	16.62	.618	6.44	35.0	4.12	21.7
1445	8.24		240	16.54	.621	6.40	31.7	3.88	17.9
1450	8.24		240	16.54	.624	6.38	24.6	3.19	11.3
1455	8.24		240	16.46	.625	6.35	21.7	2.71	10.2
1500	8.24		240	16.52	.627	6.37	19.3	2.50	8.89
1505	8.24		240	16.44	.626	6.38	17.7	2.31	5.89
1510	8.24		240	16.36	.625	6.35	15.6	2.04	4.72
1515	8.24		240	16.38	.628	6.36	12.7	1.70	3.01
1520	8.24		240	16.51	.630	6.35	10.2	1.53	1.99
1525	8.24		240	16.48	.629	6.35	9.4	1.42	1.28
1530	8.24		240	16.50	.630	6.36	9.2	1.40	1.22
1535	8.24		240	16.48	.628	6.35	9.1	1.38	1.17
			Ken Meaks						

COMMENTS: 1415: Purge water cloudy gray. No odor.
1500: Purge water clear No odor.
Sample time = 1540

Signature: Ken Meaks

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 9-1-09	Page: 1 of 2 Rev.: 0
		Prepared by: Ken Marks	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 52°F to
Precipitation: None
Wind Speed/Direction: light

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-7D
Sample Date / Time: 9-1-09 start time 0805

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 8.77

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0825	8.79	40 80/7.0	210	14.66	.117	9.31	-22.1	2.61	194
0830	8.80			14.03	.220	8.92	-23.0	2.74	1010
0835	8.79			14.21	.248	8.81	-21.3	2.66	909
0840	8.81			14.23	.256	8.99	-19.0	2.58	891
0845	8.80			14.27	.254	9.02	-17.2	2.52	787
0850	8.79			14.29	.255	9.15	-14.8	2.48	521
0855	8.79			14.20	.254	9.27	-14.8	2.41	440
0900	8.79			14.01	.251	9.38	-11.7	2.40	412
0905	8.81			14.12	.252	9.44	-12.1	2.39	334
0910	8.80			14.17	.254	9.57	-12.8	2.38	251
0915	8.79			14.18	.254	9.60	-10.9	2.37	173
0920	8.81			14.13	.253	9.61	-8.3	2.36	120
0925	8.80			14.29	.255	9.70	-2.2	2.33	97.8
0930	8.80			14.70	.259	9.78	-1.1	2.28	65.6
0935	8.79			15.01	.261	9.78	-3.4	2.54	56.7
0940	8.79			14.39	.254	9.69	1.2	2.43	46.3
0945	8.79			14.56	.256	9.65	2.1	2.47	
0950	8.80			The compressor stop running @ 0947					No reading

COMMENTS: Purge water @ 0825 cloudy gray. No odor

Signature: Ken Marks

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date: 9-1-09	Page: 1 of Rev.: 0
		Prepared by: Ken Marks	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0320

Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 72 to 76

Precipitation: None

Wind Speed/Direction: E 1 to 5 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-7D

Sample Date / Time: 9-1-09 1345 start time

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time: 1455

Initiail Water Level: 8.77

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1350	8.78	40 80/7.0	220	17.92	.283	9.50	-90.1	3.40	64.8
1355	8.77			15.63	.266	9.41	-67.7	2.74	40.6
1400	8.79			15.14	.258	9.43	-50.3	2.55	31.1
1405	8.77			14.90	.259	9.46	-21.0	2.40	26.5
1410	8.77			14.70	.258	9.41	-5.2	2.36	21.6
1415	8.78			14.73	.257	9.42	7.1	2.34	17.5
1420	8.78			14.70	.256	9.49	15.8	2.32	16.3
1425	8.79			14.74	.257	9.43	20.0	2.34	15.1
1430	8.77			14.62	.256	9.44	23.9	2.36	14.8
1435	8.77			14.57	.254	9.51	28.8	2.31	16.1
1440	8.78			14.53	.253	9.60	37.5	2.31	18.4
1445	8.78			14.55	.253	9.64	41.4	2.31	17.9
1450	8.78			14.55	.253	9.65	41.8	2.31	17.7
1455	Sample time								

COMMENTS:

Signature: Ken Marks

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 9-2-09	Page: 1 of Rev.: 0
		Prepared by: Ken Marks	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 50 to
Precipitation: None
Wind Speed/Direction: light

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-8D
Sample Date / Time: MW-8D 9-2-09 0745

QA/QC Sample (circle): MS / MSD / DUP 0930
QA/QC Sample Time: 0905
Initiail Water Level: 11.99

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0755	11.99	30 10/5	200	12.74	.342	9.09	95.2	7.60	111
0800	12.00			12.82	.346	8.61	96.4	6.52	122
0805	12.00			12.83	.348	8.13	88.5	5.46	97.7
0810	11.99			12.81	.348	7.96	84.7	5.50	88.7
0815	11.98			12.76	.348	7.67	80.5	5.07	71.5
0820	12.00			12.43	.349	KM 7.59	77.2	4.88	59.2
0825	11.98			12.71	.351	7.53	76.3	4.82	47.7
0830	11.99			12.76	.355	7.48	76.6	4.85	41.6
0835	12.00			12.75	.361	7.40	77.1	5.16	33.2
0840	12.00			12.76	.366	7.37	79.8	5.02	26.7
0845	11.98			12.73	.368	7.34	80.7	4.87	21.9
0850	11.99			12.79	.368	7.36	80.9	4.95	19.6
0855	11.99			12.81	.369	7.36	81.1	4.96	11.9
0900	11.99			12.80	.369	7.34	80.0	4.96	8.87
0905:	Sample	time							

COMMENTS: 0755: Purge water slightly cloudy gray. No odor.

Signature: Ken Marks

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003 | Page: 1 of
Date: 9-2-09 | Rev.: 0

Prepared by: Ken Marks

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0320

Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 70 to

Precipitation: None

Wind Speed/Direction: E 1 to 7 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-8S

Sample Date / Time: 9-2-09 1115 arrived at well

QA/QC Sample (circle): MS / MSD , DUP

~~QA/QC~~ Sample Time: 1235

Initiail Water Level: 13.32

Sample time = 1235

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1135	13.33	5 18/10	320	14.30	.309	6.31	~~470~~ 116.2	~~1.64~~ 4.70	89.3
1140	13.31			14.21	.305	6.11	127.7	3.88	70.1
1145	13.30			14.09	.303	5.75	139.8	3.01	60.2
1150	13.33			13.91	.301	5.28	153.4	2.29	22.8
1155	13.31			13.84	.300	5.08	159.6	2.14	14.9
1200	13.30			13.77	.300	4.97	162.1	2.02	11.2
1205	13.32			13.73	.299	4.95	164.5	1.92	10.5
1210	13.31			13.71	.299	4.93	166.1	1.72	8.71
1215	13.33			13.68	.298	4.89	167.2	1.68	2.21
1220	13.33			13.64	.297	4.84	167.4	1.66	1.44
1225	13.30			13.65	.297	4.83	167.7	1.62	1.34
1230	13.32			13.64	.297	4.82	167.8	1.61	1.12
1235		Sample	time						

COMMENTS:

Signature: Ken Marks

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0320

Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 65°F

Precipitation: none

Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: mw-9S

Sample Date / Time: 9/3/09 0925

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: ~~6.13~~ 6.13 SAD 9/3/09

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc					
0755	6.51	10/5/10	200	20.40	0.377	6.46	136.5	1.99	357
0800	6.55		↓	20.77	0.388	6.46	134.6	1.91	114
0805	6.56		↓	20.81	0.495	6.45	121.9	1.93	90.8
0810	6.56		↓	20.84	0.403	6.45	112.4	1.94	72.7
0815	6.59		200	20.81	0.414	6.46	102.1	1.99	50.1
0820	6.61		↓	20.87	0.424	6.45	104.3	2.10	40.3
0825	6.61		↓	20.69	0.429	6.47	99.1	2.17	39.2
0830	6.61		↓	20.59	0.436	6.53	87.3	2.23	35.1
0835	6.63		200	20.64	0.441	6.57	75.4	2.22	31.8
0840	6.60		↓	20.77	0.444	6.55	79.4	2.30	24.5
0845	6.63		↓	20.82	0.448	6.52	88.1	2.34	21.8
0850	6.62		↓	20.84	0.456	6.45	102.1	2.57	17.4
0855	6.61		200	20.85	0.459	6.44	111.1	2.64	17.1
0900	6.62		↓	20.90	0.462	6.42	117.1	2.84	16.2
0905	6.61		↓	20.90	0.464	6.38	129.4	3.01	12.2
0910	6.61		↓	20.93	0.465	6.38	134.4	3.02	9.84
0915	6.61		200	20.86	0.466	6.36	142.5	3.01	9.62
0920	6.61		↓	20.93	0.468	6.37	144.6	3.04	9.51

COMMENTS:

0925 Samples collected

Signature: Sheli Doll

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0320

Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 80° F

Precipitation: none

Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-9D

Sample Date / Time: 9/2/09 1205 +MS/MSD

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 6.71

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1045	~~24~~ 8.88	10/5/20	240	15.79	0.284	5.70	471.2	1.75	400
1050	9.47		↓	15.69	0.284	5.69	480.1	1.81	249
1055	10.00		↓	15.69	0.284	5.68	482.7	1.87	138
1100	10.60		↓	15.52	0.286	5.62	485.8	2.40	114
1105	10.75		240	15.37	0.287	5.62	458.4	2.91	98.4
1110	10.82		↓	15.29	0.289	5.62	451.5	3.04	82.9
1115	10.95		↓	15.21	0.287	5.61	440.4	3.62	71.3
1120	11.12		↓	15.10	0.286	5.59	460.7	4.54	65.0
1125	10.87		240	15.47	0.286	5.64	465.3	5.05	51.8
1130	10.80		↓	15.51	0.286	5.65	468.5	5.36	46.9
1135	10.82		↓	15.50	0.286	5.65	471.2	5.59	32.7
1140	10.83		↓	15.49	0.285	5.64	477.8	5.81	25.1
1145	10.82		240	15.27	0.285	5.53	498.3	6.25	12.9
1150	10.82		↓	15.31	0.285	5.52	501.1	6.41	9.43
1155	10.82		↓	15.38	0.285	5.51	510.0	6.68	7.74
1200	10.82		↓	15.43	0.286	5.50	507.7	6.73	7.09
1205	Samples Collected + MS/MSD								
		SHD	9/2/09						

COMMENTS:

Signature: Sheli Dow

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of
Date:		Rev.:	0
Prepared by:			
Approved by:			

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0320

Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 80 °F

Precipitation: none

Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-10

Sample Date / Time: 9/2/09 1540

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 10.25

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1430	9.14	10/5/10	260	17.40	0.917	6.49	126.9	2.46	1000
1435	9.15		↓	16.88	0.915	6.46	142.0	2.83	475
1440	9.15		↓	16.69	0.912	6.46	122.7	3.77	96.2
1445	9.15		↓	16.44	0.910	6.45	108.5	4.09	38.1
1450	9.15		260	16.31	0.909	6.30	126.3	8.99	30.6
1455	9.15		↓	16.25	0.909	6.21	140.1	7.48	22.4
1500	9.15		↓	16.15	0.908	6.09	143.6	10.10	17.8
1505	9.15		↓	16.08	0.907	5.96	169.9	12.21	14.6
1510	9.15		260	16.07	0.906	5.79	197.9	14.64	12.4
1515	9.15		↓	16.04	0.906	5.72	214.0	15.62	9.69
1520	9.15		↓	15.98	0.904	5.58	252.9	17.85	8.38
1525	9.15		↓	15.95	0.903	5.53	269.5	18.13	7.21
1530	9.15		260	15.84	0.902	5.55	279.8	18.96	6.80
1535	9.15			15.81	0.901	5.58	282.5	19.99	6.59
1540	Samples Collected								
				✓	✓	✓	-	✓	

SHD 9/2/09

COMMENTS:

Oily sheen noticed on discharge water

Signature: Sheli D.

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003 | Page: 1 of
Date: 9/2/09 | Rev.: 0
Prepared by: KMA
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range:
Precipitation:
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID:
Sample Date / Time: 9/2/09

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 8.34

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter - batt
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020 #1998
0.98 / 10.02.

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0850	Make adjustments on flow cycle.								
0900	8.65	10/5	100	13.19	0.407	6.89	57.5	9.00	102.7
0905	8.68	10/5	100	13.16	0.300	6.50	66.7	9.29	99.1
had to reclamp hosing as tape wasn't work and H_2O level in YSI chamber dropped - may have affected SpCond probe									
0912	8.92	10/5	180	12.75	0.399	6.25	78.0	9.66	61.3
0917	8.92	12/3	120	12.79	0.397	6.18	82.9	9.76	52.5
0922	8.70	12/3	180	12.99	0.399	6.14	86.2	9.74	32.8
0927	8.60	12/3	140	13.04	0.399	6.12	88.7	9.56	21.4
0932	8.63	12/3	160	13.17	0.400	6.10	92.5	9.72	11.1
0937	8.64	12/3	160	13.15	0.400	6.09	94.2	9.69	7.34
0942	8.64	12/3	160	13.14	0.399	6.08	96.1	9.68	4.72
0946	Start sampling								
1055	Complete sampling								
~2+ gallons purged.									

SC is jumping around

COMMENTS: tubing was so far down in the well had to resort to a fish hook. It will be tied to the jplug when the well is completed

Signature: [signature]

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 9/1/09	Page: 1 of 2 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: low 70's
Precipitation: sun
Wind Speed/Direction: light breeze

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID:
Sample Date / Time: 9/1/09 : 1700

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: ~~KMA 50~~ 6.67 (13:49

Equipment Information

Pump Type: Bladder Pump - ~~New Kma~~
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020 , 1998

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10	
Set up pump, fill flow-through cell, etc.										
1430	CR returns w/ compressor pump/control box (QED Environmental)									
1430	Start pump, leak in hose, clamp it off for now									
1440	water is black, adjusting pressure refill/discharge.									
1448	7.40	18/2	120	1545	0.349	7.03	-148.0	0.69	Err3	throttle to approx 20psi
1452	4.45	18/2	135	16.14	0.354	7.03	-150.0	0.66	211	
1457	4.46	18/2	135	16.47	0.354	7.05	-150.5	0.84	144	
1502	4.46	18/2	130 ✓	16.65	0.354	7.06	-150.0	0.92	121	
1507	4.46	18/2	130 ✓	16.70	0.350	7.08	-148.9	1.23	118	DO is jumpin a lot.
1512	4.49	18/2	130	16.68	0.347	7.08	-147.1	1.21	100.0	
1517	4.49	18/2	130	16.48	0.345	7.09	-145.9	1.00	78.1	
1522	4.50	18/2	130	16.34	0.345	7.09	-144.2	1.03	63.1	
1527	4.50	18/2	130	16.29	0.346	7.09	-139.3	0.91	56.3	
1532	4.51	18/2	130	16.12	0.351	7.09	-136.9	0.92	48.7	
1537	4.52	18/2	130	16.04	0.354	7.09	-138.8	1.00	40.1	
1542	4.49	18/2	130	16.03	0.357	7.10	-139.3	0.99	35.2	
1547	4.52	18/2	130 ✓	16.06	0.360	7.09	-138.0	0.99	34.9	
1552	4.55	18/2	130	16.10	0.364	7.09	-135.9	1.00	30.6	
1557	4.55	18/2	130	16.16	0.366	7.08	-135.4	0.96	25.8	

COMMENTS:
Before start switched old compressors to one that will run off battery → need tape for hose.
Signature:

- holes beside the side of bldg → gone deep → refill w/. grout concrete.

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 9/1/09	Page: 2 of 2 Rev.: 0
		Prepared by: Kma	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: low 70°F
Precipitation: sun
Wind Speed/Direction: light breeze

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID:
Sample Date / Time: 9/1/09 1700

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 6.67

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter ~ QED ✓
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10	
				Set up pump, fill flow-through cell, etc.						
1602	4.55	18/2	120 ✓	16.10	0.365	7.08	-134.1	0.96	19.2	
1607	4.55	18/2	120 ✓	16.35	0.366	7.08	-133.5	0.92	22.4	(in sun no ↓
1612	4.55	18/2	120 ✓	16.32	0.365	7.06	-134.2	7.03	19.7	
1617	4.55	18/2	120	16.45	0.363	7.06	-133.0	0.98	17.8	
1622	4.55	18/2	120	16.33	0.362	7.05	-133.0	0.90	16.3	(back in shad
1627	4.55	18/2	~120	16.11	0.361	7.05	-134.1	0.85	13.8	
1632	4.56	18/2	~120	15.99	0.360	7.06	-131.6	0.88	12.8	
1637	4.57	18/2	~120	15.90	0.360	7.07	-128.2	0.86	14.3	
1642	4.58	18/2	~120	15.85	0.360	7.07	-130.4	0.83	10.97	
1647	4.58	18/2	~120	15.77	0.358	7.08	-129.9	0.82	10.89	
1652	4.58	18/2	~120	15.77	0.356	7.08	-129.0	0.79	10.14	
1657	4.59	18/2	~120	15.77	0.356	7.08	-129.5	0.77	10.50	
1658	—	—	—	—	—	—	—	—	9.74	
1700	Begin sampling									
	3 gallons purged from lines.									
1813	Finish sa									

COMMENTS:
1650 noticing a slight leak at the control box. May have to look at connections

Signature: KMA

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of
Date:		Rev.:	0
Prepared by:			
Approved by:			

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 65-70 °F
Precipitation: Overcast
Wind Speed/Direction: 5-10 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID: MW-12S
Sample Date / Time: 9/1/09 0800

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 9.98

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

	Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
					Set up pump, fill flow-through cell, etc.					
8/31	14:05	10.43	10/5/20	240	16.55	1.610	6.61	-143.4	24.8	340
	1410	10.92	10/5/10	200	16.49	1.597	6.69	-142.1	2.04	246
	1415	*	↓	↓	16.46	1.583	6.70	-141.4	1.99	223
	1420	↓	↓	↓	17.04	1.576	6.80	-127.3	2.18	197
	1425	↓	↓	↓	17.58	1.573	6.83	-116.7	2.30	145
	1430	↓	↓	↓	18.17	1.565	6.86	-111.8	2.35	132
	1435	Well pumped dry								
9/1	0800	11.14	Collected	Samples	→ purged @ 10/5/10					

COMMENTS:

*Water level hits top of bladder - no reading

Oily sheen noticed in discharge bucket

heavy odorous smell

Signature: Sheli Dool

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0320

Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 70 °F

Precipitation: none

Wind Speed/Direction: 5-10 mph

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009

Sample ID: MW-12D

Sample Date / Time: 8/31/09 1630 + DUP

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 10.87

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1500	10.94	8/7/30	120	15.60	0.422	6.55	84.4	4.14	221
1505	11.12	↓	↓	15.55	0.423	6.51	86.8	4.07	217
1510	10.99			15.26	0.424	6.50	92.7	3.96	148
1515	10.94			15.13	0.424	6.48	107.8	3.80	121
1520	11.00	8/7/35	280	14.61	0.429	6.44	130.2	3.57	94.0
1525	11.01		↓	14.30	0.421	6.42	141.6	3.40	79.8
1530	11.02			13.94	0.418	6.41	150.3	3.22	63.4
1535	11.02			13.96	0.417	6.42	155.8	3.21	51.2
1540	10.98		280	13.91	0.418	6.43	168.3	3.21	41.3
1545	10.99		↓	13.88	0.418	6.43	176.2	3.21	29.4
1550	10.99			13.97	0.422	6.42	167.5	3.18	18.8
1555	10.98			13.82	0.420	6.42	168.4	3.12	16.4
1600	10.98		280	13.74	0.420	6.42	172.9	3.09	14.6
1605	10.98		↓	13.73	0.420	6.43	181.5	3.20	11.01
1610	10.98			13.85	0.419	6.43	211.9	3.26	9.96
1615	10.99			13.80	0.421	6.43	216.1	3.27	8.11
1620	10.98		280	13.70	0.421	6.41	222.2	3.31	7.82
1625	10.98		↓	13.77	0.421	6.42	221.7	3.30	6.53

COMMENTS:

1630 Collected samples + DUP

Signature: Sheli Dook

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003	Page: 1 of 1
Date: 9/1/09	Rev.: 0
Prepared by: KMA	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Sampler(s): Sheli D., Kelly A., Ken M., Corey R.

Temperature Range: 51°F
Precipitation: sun
Wind Speed/Direction: breezy

SAMPLE INFORMATION

Sampling Round: Round 3 - June 2009
Sample ID:
Sample Date / Time: MW-13 / 9/1/09 - 1038

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 13.97

Equipment Information

Pump Type: Bladder Pump DT bottom of pump = 19.30
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter DEWALT
Water Level Name/ID: 100' Solinst Water Level Meter # 3276

Multimeter Name/ID: YSI 600 XL Multi-Parameter ID #5602.
Turbidity Name/ID: LaMotte 2020 #1198

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
Set up pump, fill flow-through cell, etc.									
09.02	Start pump KMA compressor			Pump stopped, unable to restart.					
09.26	Get back up compressor.								
09.36	Dewalt compressor - working and filling YSI chamber								
09.40	14.02	10/5	120	15.11	0.228	9.33	189.6	8.58	46.2
09.42	Change to 12/3 so H_2O level doesn't drop too much							8.71	—
09.45	14.03	12/3	KMA 10/10	14.95	0.235	7.41	180.6	8.71	22.4
09.50	14.03	12/3	110 ✓	14.84	0.238	7.12	174.8	9.11	20.9
09.55	14.03	12/3	110 ✓	14.69	0.244	-9.40	177.1	9.50	15.8
10.00	14.03	12/3	110	14.66	0.246	-9.99	178.0	9.67	13.5
10.05	14.04	12/3	110	14.59	0.250	-9.99	179.8	9.79	9.72
10.10	14.03	12/3	110 ✓	14.59	0.254	-9.99	179.3	10.08	7.99
10.15	14.03	12/3	110	14.60	0.254	-9.99	178.7	10.08	7.16
10.20	14.03	12/3	110	14.57	0.255	-9.99	180.1	10.17	6.45
10.25	14.03	12/3	110	14.55	0.256	-9.99	182.9	10.23	7.36
10.30	14.03	12/3	110	14.51	0.256	-9.99	179.9	10.22	5.13
10:35	14.03	12/3	110 ✓	14.52	0.256	-9.99	179.5	10.19	5.11
10:38	collect samples - pull bladder up approx 3" to fill bottles								
11:53	finish collecting samples.								

COMMENTS: Pump problems.
pH started reading (-) at 09.55
calibration on YSI was repeated in AM due to out of range.
Will change out YSI for new well.

Signature: KMA.

* Approx 2gall purged

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Title:

TURBIDITY METER
FIELD CALIBRATION LOG SHEET

SOP No: FS-XXX | Page: of
Date: | Rev.:
Prepared by:
Approved by:

SITE INFORMATION		EQUIPMENT INFORMATION	
Site Name:	Scovill Industrial Landfill Superfund Site	Instrument Name:	Lamotte 2020
Project Number/Task:	80018.03/~~0340~~ 0320	Serial No.:	01998
Personnel:	KA, SD, ~~KM~~, CR	Nobis No.:	

CALIBRATION LOG

CALIBRATION DATE	STANDARD SOLUTIONS		CALIBRATION READING (NTU)	CALIBRATION CHECK (NTU)	SIGNATURE	COMMENTS
8/31/09	1 NTU	10 NTU	1.0 / 9.96	0.97 / 10.01	Sheli Dodd Ken Marks	End of day Cal Check
9-1-09	1 NTU	10 NTU	1.0 / 9.98	1.20 / 9.98	AM Ken Marks Sheli Dodd	
9-2-09	1 NTU	10 NTU	0.98 / 10.02	1.04 / 10.04	KMa Sheli Dodd	
9-3-09	1 NTU	10 NTU	1.01 / 10.00	1.07 / 9.96	KMa KMa.	
	1 NTU	10 NTU				
	1 NTU	10 NTU				
	1 NTU	10 NTU				
	1 NTU	10 NTU				

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MULTIPARAMETER WATER PROBE FIELD CALIBRATION LOG SHEET

SOP No:
Date:
Page: of
Rev.:
Prepared by:
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SITE INFORMATION

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03/0340
Personnel: KA, SD, ~~JF~~ KM, CR

EQUIPMENT INFORMATION

Instrument Name: YSI MDS 6600
Serial No.: 02B01647 AO
Nobis No.:

CALIBRATION LOG

CALIBRATION DATE	STANDARD CAL SOLUTION	Temp (C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (~~mg/L~~ %)	Turbidity (NTU)	SIGNATURE	COMMENTS
8/31/09	—	17.41	1.413	4.0/7.0	240.0	99.2	—	AM Sheli Dool	
		23.62	1.408	3.97/6.98	235.1	99.0	—	PM Sheli Dool	
9/1/09	—	23.62	1.413	4.0/7.0	240.0	99.3	—	AM Sheli Dool	
		26.50	~~1.474~~ 1.408	~~4.11~~ 3.94/6.97	233.4	105.3	—	PM Sheli Dool	
9/2/09	—	26.50	1.413	4.0/7.0	240.0	100.0	—	AM Sheli Dool	
		30.20	1.467	4.14/6.99	231.6	100.0	—	PM Ken Mowly	
9-3-09	—	30.20	1.413	4.0/7.0	239.8	100.0	—	AM Ken Mowly	
		29.71	1.461	3.31/6.81	229.9	100.1	—	PM Ken Mowly	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	

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TURBIDITY METER FIELD CALIBRATION LOG SHEET

SOP No: FS-XXX | Page: of
Date: | Rev.:
Prepared by:
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SITE INFORMATION	EQUIPMENT INFORMATION
Site Name: Scovill Industrial Landfill Superfund Site	Instrument Name: LaMotte 2020
Project Number/Task: 80018.03/~~0349~~ 0320	Serial No.: 02407
Personnel: KA, SD, ~~KA~~, CR	Nobis No.:

CALIBRATION LOG

CALIBRATION DATE	STANDARD SOLUTIONS	CALIBRATION READING (NTU)	CALIBRATION CHECK (NTU)	SIGNATURE	COMMENTS
8/31/09	1 NTU 10 NTU	0.99 / 10.00	1.04 / 10.02	Sheli Dool / Sheli Dool	
9-1-09	1 NTU 10 NTU	1.0 / 10.0	1.08 / 10.18	Ken [illegible] / Sheli Dool	
9-2-09	1 NTU 10 NTU	1.0 / 10.01	1.88 / 10.18	Sheli [illegible] / Sheli [illegible]	
9-3-09	1 NTU 10 NTU	1.01 / 10.0	1.17 / 10.12	Sheli [illegible] / Sheli [illegible]	
	1 NTU 10 NTU				
	1 NTU 10 NTU				
	1 NTU 10 NTU				
	1 NTU 10 NTU				

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TURBIDITY METER
FIELD CALIBRATION LOG SHEET

SOP No: FS-XXX | Page: of
Date: | Rev.:
Prepared by:
Approved by:

SITE INFORMATION	EQUIPMENT INFORMATION
Site Name: Scovill Industrial Landfill Superfund Site	Instrument Name: LaMotte 2020
Project Number/Task: 80018.03/~~0340~~ 0320	Serial No.: ~~02404~~ 03871
Personnel: KA, SD, ~~CR~~ KM, CR	Nobis No.:

CALIBRATION LOG

CALIBRATION DATE	STANDARD SOLUTIONS	CALIBRATION READING (NTU)	CALIBRATION CHECK (NTU)	SIGNATURE	COMMENTS
8/31/09	1 NTU 10 NTU	1.01 / 10.00	1.14 / 9.74	Sheli Dr KMA	
9-1-09	1 NTU 10 NTU	1.01 / 10.0	0.97 / 10.01	Ken Marks Ken Marks	Good condition
9-2-09	1 NTU 10 NTU	1.0 / 10.0	0.96 / 10.10	Ken Marks Ken Marks	
9-3-09	1 NTU 10 NTU	1.01 / 10.0	0.98 / 10.01	Sheli Dr Sheli Dr	
	1 NTU 10 NTU				
	1 NTU 10 NTU				
	1 NTU 10 NTU				
	1 NTU 10 NTU				

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MULTIPARAMETER WATER PROBE FIELD CALIBRATION LOG SHEET

SOP No: FS-005 | Page: of
Date: | Rev.:
Prepared by:
Approved by:

SITE INFORMATION

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0320
Personnel: Sheli D., Kelly A., Ken M., Corey R.

EQUIPMENT INFORMATION

Instrument Name: YSI 600 XL Multi-Parameter
Serial No.: ~~3675/5602~~ / 5632 / 2674
Nobis No.: KMa

CALIBRATION LOG

CALIBRATION DATE	STANDARD CAL SOLUTION	Temp (C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)	SIGNATURE	COMMENTS
8/31/09	—	20.29	1.413	4.01/7.01	240.1	99.6	—	AM Sheli Dod	
		24.01	1.367	4.12/7.04	233.8	93.9	—	PM Ken Maude	
9/1/09	—	8.34	1.414	4.04/7.02	240.6	100.6	—	AM KMa	pH cal was a pain — reading too high
		Done 4 the day after MW-13 → pH = -9.99						PM	
9/1/09	—	15.63	1.257	4.00/7.0	240	99.0	—	AM KMa	
		27.81	1.412	4.08/6.92	228.7	103.1	—	PM Sheli Dod	
9/2/09	—	27.81	1.413	4.00/7.0	240.0	99.2	—	AM Sheli Dod	
		30.95	1.445	4.0/7.04	233.9	98.5	—	PM Sheli Dod	
9/3/09	—	30.95	1.413	4.0/7.0	240.0	99.2	—	AM Sheli Dod	
		29.68	1.398	4.0/7.01	252.0	104.3	—	PM Sheli Dod	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	

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MULTIPARAMETER WATER PROBE FIELD CALIBRATION LOG SHEET

SOP No:
Date:
Page: of
Rev.:
Prepared by:
Approved by:

SITE INFORMATION

Site Name: Scovill Industrial Landfill Superfund Site
Project Number/Task: 80018.03/~~0340~~ 0320
Personnel: KA, SD, ~~JP~~ KM, CR

EQUIPMENT INFORMATION

Instrument Name: YSI 600 XL
Serial No.: 5204
Nobis No.:

CALIBRATION LOG

CALIBRATION DATE	STANDARD CAL SOLUTION	Temp (C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)	SIGNATURE	COMMENTS
8/31/09	—	20.37	1.413	3.98/7.01	240.5	100.0	—	AM Sheli Dodd	
		21.79	1.389	4.09/6.98	235.4	99.7	—	PM Ken Marks	1620 End of day
9-1-09	—	7.20	1.411	4.01/7.03	250.1	100.1	—	AM Ken Marks	0730 Start of day
		28.19	1.402	3.88/7.08	197.3	100.1	—	PM Ken Marks	1715 End of day
9-2-09	—	28.19	1.413	4.0/7.0	240.0	100.0	—	AM Ken Marks	
		28.29	1.391	3.44/7.14	239.1	99.8	—	PM Ken Marks	
9-3-09	—	28.29	1.413	4.0/7.0	240.0	99.8	—	AM Ken Marks	
		28.11	1.418	3.88/6.95	238.8	99.1	—	PM Ken Marks	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003	Page: 1 of 1
Date: 12-1-09	Rev.: 0
Prepared by: R. Rizza	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 30 - 40's
Precipitation: None
Wind Speed/Direction: 1-5 mph / S → N

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID: MW-1
Sample Date / Time: 12-1-09 / 1510

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 2.65

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1420	2.82	12/3	320	11.83	0.304	6.82	157.2	9.84	141
1425	2.87	10/5	320	11.86	0.304	6.55	158.9	9.41	91.1
1430	2.87	10/5	320	11.88	0.304	6.41	160.1	9.37	47.0
1435	2.87	10/5	320	11.85	0.303	6.32	161.5	9.16	20.6
1440	2.87	10/5	320	11.88	0.302	6.26	162.4	9.05	15.7
1445	2.87	10/5	320	11.89	0.302	6.22	163.6	8.92	11.7
1450	2.87	10/5	320	11.89	0.302	6.18	165.4	8.85	10.96
1455	2.87	10/5	320	11.89	0.302	6.14	166.8	8.76	4.94
1500	2.87	10/5	320	11.92	0.303	6.12	168.2	8.76	3.74
1505	2.87	10/5	320	11.95	0.304	6.10	169.3	8.74	2.55

COMMENTS:
Total purge volume was 5-gallons.

Signature: [signature]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

NOLS

SOP No: SA-003	Page: 1 of
Date: 1213	Rev.: 0

Prepared by: MAW

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0340

Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 45-50

Precipitation: Partly Cloudy

Wind Speed/Direction: 10mph South

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009

Sample ID:

Sample Date / Time:

QA/QC Sample (circle): MS / MSD , DUP

QA/OC Sample Time:

Initiail Water Level: 2.09

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter #7321

Turbidity Name/ID: LaMotte 2020 #12384

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0815	2.09	15/10/5	150	12.70	0.949	6.49	-89.0	1.25	77.0
0820	2.86	15/10/5	130	12.63	0.961	6.52	-91.9	1.01	82.3
0825	2.98	15/10/5	130	12.44	0.968	6.51	-89.3	0.96	63.3
0830	3.09	15/10/5	130	12.35	0.972	6.51	-88.7	0.99	56.5
0835	3.11	15/10/5	130	12.32	0.972	6.50	-88.6	0.94	53.4
0840	3.15	15/10/5	130	12.21	0.974	6.49	-89.3	0.89	43.6
0845	3.16	15/10/5	130	12.21	0.974	6.50	-90.0	0.88	59.6
0850	3.17	15/10/5	130	12.20	0.974	6.50	-90.3	0.86	33.7
0855	3.19	15/10/5	130	12.23	0.975	6.49	-89.3	0.87	28.5
0900	3.20	15/10/5	130	12.28	0.976	6.49	-90.2	0.80	23.4
0905	3.21	15/10/5	130	12.30	0.976	6.49	-90.9	0.82	22.1
0910	3.22	15/10/5	130	12.27	0.975	6.49	-91.3	0.83	19.6
0915	3.24	15/10/5	130	12.25	0.975	6.51	-91.3	0.82	15.2
0920	3.25	15/10/5	130	12.30	0.974	6.52	-91.5	0.81	15.3
0925	3.26	15/10/5	130	12.27	0.973	6.51	-91.4	0.84	12.9
0930	3.26	15/10/5	130	12.29	0.975	6.52	-91.5	0.83	9.82
0935	3.28	15/10/5	130	12.30	0.974	6.52	-91.4	0.83	7.73
0940	3.28	15/10/5	130	12.30	0.974	6.53	-91.3	0.81	6.98

COMMENTS: 0945 Samples Taken

Signature: [signature]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

NOBIS

SOP No: SA-003 | Page: 1 of 2
Date: 12-2-09 | Rev.: 0

Prepared by:

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 30's
Precipitation: None
Wind Speed/Direction: None

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID: MW-35
Sample Date / Time: 12-2-09 / ~~12~~ 1030

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 10.69

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0855	10.74	10/5	400	12.19	0.966	6.80	-87.5	2.12	13.9
0900	10.74	10/5	400	12.35	0.918	6.94	-111.2	1.35	8.58
0905	10.74	10/5	400	12.48	0.837	7.03	-126.7	0.85	5.95
0910	10.74	10/5	400	12.51	0.811	7.07	-134.8	0.46	3.75
0915	10.74	10/5	400	12.53	0.795	7.11	-140.1	0.33	3.21
0920	10.74	10/5	400	12.56	0.783	7.12	-144.2	0.90	3.53
0925	10.74	10/5	320	12.51	0.773	7.15	-107.5	2.41	1.95
0930	10.71	10/5	320	12.50	0.779	7.15	-107.8	1.85	1.34
0935	10.69	10/5	320	12.46	0.773	7.15	-112.2	0.79	1.25
0940	10.69	10/5	320	12.48	0.771	7.18	-117.7	0.61	1.50
0945	10.69	10/5	320	12.47	0.769	7.18	-122.6	0.47	1.23
0950	10.69	10/5	320	12.50	0.766	7.20	-127.6	0.37	1.50
0955	10.69	10/5	320	12.54	0.764	7.20	-132.7	0.29	1.32
1000	10.69	10/5	320	12.56	0.764	7.20	-134.3	0.28	1.05
1005	10.69	10/5	320	12.53	0.762	7.21	-137.4	0.23	1.18
1010	10.69	10/5	320	12.56	0.760	7.21	-139.4	0.22	1.04
1015	10.69	10/5	320	12.56	0.760	7.21	-142.2	0.19	1.03
1020	10.69	10/5	320	12.60	0.758	7.21	-144.0	0.19	0.86

COMMENTS:

Signature: [signature]

	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 12-2-09	Page: 2 of 2 Rev.: 0

Well ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
1025	10.69	10/5	320	12.60	0.756	7.22	-145.5	0.18	0.81

COMMENTS: Total Gallons Purged 10-gals - ER 12/2/09

E:\80018 Files for Field Laptop\Field Forms\GW Water Level and Sampling\80018_GW_Field Forms

Signature: _____

NOOTS	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date: 12-2-09	Page: 1 of 1 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0340

Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 40-50's

Precipitation: None

Wind Speed/Direction: None

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009

Sample ID: MW-3D

Sample Date / Time: 12-2-09 / 1250

QA/OC Sample (circle): MS / MSD, DUP

QA/OC Sample Time:

Initiail Water Level: 10.92

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1205	10.98	10/5	240	11.58	0.404	8.11	4.5	6.62	0.00
1210	10.98	10/5	200	11.62	0.395	8.00	6.1	4.07	0.00
1215	10.98	10/5	200	11.60	0.392	7.93	12.5	3.49	0.00
1220	10.98	10/5	200	11.60	0.392	7.89	15.8	3.37	0.00
1225	10.98	10/5	200	11.60	0.392	7.86	18.6	3.30	0.00
1230	10.98	10/5	200	11.62	0.393	7.85	21.0	3.27	0.00
1235	10.98	10/5	200	11.61	0.392	7.83	23.5	3.23	0.00
1240	10.98	10/5	200	11.61	0.391	7.82	27.4	3.23	0.79
1245	10.98	10/5	200	11.61	0.391	7.81	27.9	3.20	0.65

COMMENTS:

Total purge volume was ~2-2.5 gallons.

Signature: [signature]

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date: 12-2-09	Page: 1 of 1 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 30-40's
Precipitation: None
Wind Speed/Direction: None

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID: MW-3B
Sample Date / Time: 12-2-09 / 1620

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 11.58

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1520	11.88	10/5	200	11.04	0.311	8.37	57.2	11.04	27.6
1525	12.28	10/5	120	11.41	0.296	9.84	19.6	2.86	26.0
1530	12.47	10/5	120	11.44	0.289	10.10	16.2	1.64	24.5
1535	12.58	10/5	120	11.46	0.289	10.21	14.7	1.27	24.3
1540	12.73	10/5	120	11.44	0.295	10.28	15.7	1.04	21.9
1545	12.84	10/5	120	11.41	0.296	10.26	17.7	1.00	18.7
1550	12.92	10/5	120	11.39	0.298	10.23	19.0	0.98	16.4
1555	13.02	10/5	120	11.35	0.300	10.20	19.1	0.97	14.2
1600	13.04	10/5	120	11.34	0.301	10.16	19.6	1.00	12.1
1605	13.10	10/5	120	11.32	0.304	10.09	24.0	1.05	10.43
1610	13.11	10/5	120	11.31	0.300	10.04	26.1	1.07	10.18
1615	13.15	10/5	120	11.30	0.303	10.02	24.5	1.07	10.19

COMMENTS:
I spoke CR about WL not stabilizing and he said it was ok.
Total purge amount was ~2 gallons

Signature: Michael Ruffo

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

NOTS

SOP No: SA-003 | Page: 1 of 1
Date: 12/1 | Rev.: 0
Prepared by: M AW
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 35-40
Precipitation: Sunny
Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID:
Sample Date / Time:

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 12.29

Equipment Information

Bottom = 24.44

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter #06532

Multimeter Name/ID: YSI 600 XL Multi-Parameter #7321
Turbidity Name/ID: LaMotte 2020 #12384

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0920	12.24	110/5/10	50						
0930	12.10	40/5/10	200	12.98	0.311	6.40	192.3	6.35	78.8
0935	12.25	65/10/5	340	12.85	0.310	6.35	184.3	7.03	38.2
0940	12.30	60/10/5	300	12.80	0.308	6.29	185.0	7.87	35.7
0945	12.32	60/10/5	300	12.73	0.308	6.25	186.2	7.54	34.1
0950	12.33	60/10/5	300	12.68	0.307	6.23	188.7	7.04	38.2
0955	12.33	60/10/5	300	12.66	0.307	6.21	192.0	6.25	30.8
1000	12.33	60/10/5	300	12.70	0.307	6.21	195.2	6.30	31.1
1005	12.33	60/10/5	300	12.68	0.307	6.21	198.1	6.50	30.2
1010	Samples Taken								

COMMENTS:

Signature:

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003	Page: 1 of 1
Date: 12/1	Rev.: 0
Prepared by: MAW	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 40-45
Precipitation: Sunny
Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID:
Sample Date / Time:

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 12.14
Bottom = 17.15

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter #7321
Turbidity Name/ID: LaMotte 2020 # 12384

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1120	12.14	25/1015	220	13.72	0.495	6.28	149.7	3.27	49.5
1125	12.14	25/1015	220	14.38	0.503	6.35	141.6	3.83	38.4
1130				14.63	0.505	6.40	143.8	5.73	24.2
1135				14.73	0.506	6.43	146.3	5.49	18.6
1140				14.83	0.506	6.44	151.7	5.56	6.08
1145				14.76	0.507	6.45	154.2	6.09	5.21
1150				14.83	0.507	6.46	156.3	6.35	5.07
1155	Samples Taken								

COMMENTS:

Signature: [signature]

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 45°
Precipitation: None
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID:
Sample Date / Time: 12-1-09 / 1455

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time: –
Iniliail Water Level: 10.10

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1415	10.12		150	14.10	0.491	6.11	60.9	1.23	45
1420	10.15			15.08	0.616	6.07	48.9	0.58	37
1425	10.17			15.28	0.614	6.06	46.7	0.45	25
1430	10.15			15.36	0.613	6.05	44.0	0.39	15
1435	10.17			15.44	0.616	6.04	42.7	0.35	15
1440	10.15			15.43	0.617	6.04	43.1	0.33	8.9
1445	10.15			15.45	0.619	6.04	40.9	0.31	8.4
1450	10.17			15.43	0.617	6.04	40.7	0.30	8.1

COMMENTS:

Signature: J. Fagnano

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0340

Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 30°

Precipitation: None

Wind Speed/Direction: Calm

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009

Sample ID:

Sample Date / Time: 12-2-09/0900

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time: — 1000

Initiail Water Level: 6.38

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0825	740		~~140~~ 300	11.47	.384	6.86	187.9	5.31	26
0830	8.00		140	12.17	.382	7.15	171.9	3.43	14
0835	8.12			12.18	.381	7.31	169.3	3.24	13
0840	8.15			12.27	.381	7.42	167.7	3.10	13
0845	8.19			12.29	.381	7.49	165.9	2.97	12
0850	8.21			12.29	.381	7.55	164.6	2.90	12
0855	8.22			12.30	.381	7.59	163.3	2.82	11

COMMENTS:

Signature: J. Fapiano

Nobis	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0340

Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range:

Precipitation:

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009

Sample ID:

Sample Date / Time: 12-2-09/1305

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time: —

Initiail Water Level: 8.13

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1200	8.20		260	13.73	.732	6.58	-65.7	2.53	290
1205	8.31		160	14.19	.746	6.54	-75.3	3.40	290
1210	8.37			14.15	.778	6.56	-81.2	3.02	185
1215	8.43			14.12	.801	6.55	-88.7	2.62	120
1220	8.46			14.10	.833	6.56	-92.2	2.53	70
1225	8.49			14.07	.854	6.57	-95.9	2.27	45
1230	8.51			14.07	.878	6.58	-97.3	2.11	33
1235	8.52			14.08	.894	6.60	-100.8	1.90	24
1240	8.57			14.12	.909	6.60	-102.8	1.73	20
1245	8.61			14.12	.920	6.60	-103.4	1.59	17
1250	8.64			14.18	.926	6.60	-103.2	1.41	11
1255	8.67			14.11	.932	6.60	-104.0	1.38	11
1300	8.71			14.08	.937	6.60	-105.3	1.30	10

COMMENTS:

Signature: J. Fopiano

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003 | Page: 1 of 1
Date: 12/1 | Rev.: 0
Prepared by: MAW
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: MW ~~40-45~~ 30-35
Precipitation: Sunny
Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID:
Sample Date / Time:

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 9.05'

Equipment Information

Bottom = 80.21

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter #17321
Turbidity Name/ID: LaMotte 2020 #12384

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc					
1330	9.24	60/10/5	290	12.57	0.179	7.23	85.0	5.32	228
1335	9.26	55/10/5	260	13.04	0.369	7.71	75.2	3.53	216
1340				13.02	0.373	7.88	76.4	3.24	198
1345				12.98	0.372	7.93	75.0	3.19	176
1350				12.98	0.372	7.95	68.9	3.17	144
1355				12.94	0.371	7.96	56.8	3.10	145
1400				12.91	0.370	7.97	46.1	3.03	94.7
1405				12.87	0.369	7.98	23.0	2.97	71.2
1410				12.91	0.369	7.98	10.1	2.94	75.2
1415				12.87	0.369	7.99	-10.3	2.90	46.4
1420				12.85	0.370	8.01	-19.4	2.88	46.3
1425				12.83	0.370	8.01	-19.5	2.85	44.5
1430	Samples Taken								

COMMENTS:

Signature: Matt W.

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

NOBIS

SOP No: SA-003 | Page: 1 of 1
Date: 12/1/09 | Rev.: 0
Prepared by: R. Rizk
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 30's-40's
Precipitation: None
Wind Speed/Direction: None

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID: MW-75
Sample Date / Time: 12-1-09 / 1145

QA/OC Sample (circle): MS / MSD , DUP
QA/OC Sample Time:
Initiail Water Level: 8.58

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1100	8.58	10/5	400	15.25	0.456	6.85	93.7	1.52	55
1105	8.58	10/5	400	15.54	0.426	6.67	54.5	0.66	18
1110	8.58	10/5	400	15.66	0.412	6.61	39.1	0.41	23
1115	8.58	10/5	400	15.71	0.412	6.59	28.4	0.38	5.8
1120	8.58	10/5	400	15.68	0.410	6.60	22.6	0.33	3.6
1125	8.58	10/5	400	15.79	0.409	6.60	16.2	0.30	2.55
1130	8.58	10/5	400	15.81	0.407	6.60	13.0	0.27	2.03
1135	8.58	10/5	400	15.73	0.405	6.59	9.1	0.25	2.49
1140	8.58	10/5	400	15.77	0.404	6.60	6.1	0.25	2.48

COMMENTS:
Total purge amount was 5-gallons.

Signature: [illegible]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No:	SA-003	Page:	1 of
Date:		Rev.:	0

Prepared by:

Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0340

Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 40°

Precipitation: None

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009

Sample ID:

Sample Date / Time: 12-1-09 / 1155

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time: 1220

Initiail Water Level: 12.29

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1100	12.35		200	11.48	.436	6.83	172.8	4.68	82
1105	12.38			11.69	.445	7.02	172.6	4.55	65
1110	12.34			11.78	.447	7.09	171.4	4.53	60
1115	12.35			11.78	.448	7.13	169.7	4.50	45
1120	12.34			11.72	.448	7.15	169.3	4.48	30
1125	12.36			11.67	.451	7.16	169.4	4.48	25
1130	12.35			11.61	.452	7.17	169.9	4.48	22
1135	12.34			11.71	.457	7.12	166.0	4.54	16
1140	12.36			11.64	.463	7.09	166.3	4.54	9.6
1145	12.36			11.53	.466	7.08	166.6	4.55	8.4
1150	12.35			11.51	.468	7.08	167.2	4.57	8.1

COMMENTS:

Signature: J. Fapiano

NOTS	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 300
Precipitation: None
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID:
Sample Date / Time: 12-1-09/0855

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 13.58

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0830	13.62	10s/5s	160	10.50	.432	5.84	211.2	2.59	9.7
0835	13.60	"	"	11.68	.428	5.76	209.1	2.21	8.2
0840	13.59	"	"	12.01	.425	5.73	208.1	2.12	6.5
0845	13.59	"	"	12.08	.424	5.73	208.4	2.08	5.2
0850	13.60	"	"	12.17	.423	5.72	208.2	2.06	4.0

COMMENTS:

Signature: J. Fopiano

NOBTS	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 60-65°
Precipitation: None
Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID:
Sample Date / Time: 12-3-09 / 1325

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time: —
Initiail Water Level: 6.38

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1205	6.61		130	15.29	.380	6.43	113.1	4.98	40
1210	6.69			15.34	.383	6.21	120.3	2.41	31
1215	6.66			15.33	.386	6.22	121.0	2.07	22
1220	6.66			15.34	.391	6.23	118.9	1.71	17
1225	6.75		190	15.31	.408	6.27	109.8	1.25	12
1230	6.78			15.37	.423	6.32	90.6	1.01	10
1235	6.81			15.38	.433	6.35	72.4	0.86	8.3
1240	6.75			15.37	.443	6.38	57.0	0.79	8.0
1245	6.76			15.35	.450	6.40	99.2	0.71	7.6
1250	6.76			15.33	.456	6.42	37.0	0.63	7.2
1255	6.78			15.34	.461	6.44	31.5	0.57	7.1
1300	6.76			15.31	.467	6.47	26.2	0.51	7.7
1305	6.78			15.31	.472	6.49	20.1	0.47	7.5
1310	6.79			15.30	.476	6.51	17.8	0.44	7.1
1315	6.81			15.32	.481	6.54	14.2	0.42	7.1
1320	6.79			15.31	.483	6.56	11.3	0.41	7.3

COMMENTS:

Signature: J. Fagiano

Nobis	LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET	SOP No: SA-003 Date:	Page: 1 of Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0340

Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 60 -65°

Precipitation: None

Wind Speed/Direction:

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009

Sample ID:

Sample Date / Time: 12-3-09/0905

QA/QC Sample (circle): (MS / MSD), DUP

QA/QC Sample Time: 0905

Initiail Water Level: 6.52

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, (MW9D), MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0820	7.90		130	14.93	.212	6.15	140.6	4.52	75
0825	8.35		100	14.96	.207	6.07	128.9	4.28	62
0830	8.41		100	15.02	.198	6.11	118.9	4.28	50
0835	8.48		100	15.07	.199	6.09	114.7	4.10	35
0840	8.57		100	15.08	.202	6.07	113.5	3.65	20
0845	8.58		100	15.07	.204	6.07	113.9	3.52	17
0850	8.57		100	15.07	.206	6.06	113.5	3.43	14
0855	8.68		120	15.03	.208	6.06	112.8	3.26	13
0800	8.74		120	14.98	.204	6.08	111.8	3.51	13

COMMENTS:

Signature: J. Fagiano

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003
Date: 12-3-09
Page: 1 of 1
Rev.: 0
Prepared by:
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 60's
Precipitation: None
Wind Speed/Direction: 5-10 mph / W → E

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID: MW-10
Sample Date / Time: 12-3-09 / 1015

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 9.42

Equipment Information

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter
Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0900	9.42	10/5	280	15.98	0.942	6.80	-74.8	5.38	111
0905	9.42	10/5	280	15.94	0.945	6.84	-75.6	4.84	80.7
0910	9.42	10/5	280	15.92	0.946	6.86	-76.1	4.31	60.2
0915	9.42	10/5	280	15.93	0.945	6.88	-75.2	3.79	41.8
0920	9.42	10/5	280	15.91	0.947	6.88	-76.3	0.69	24.5
0925	9.42	10/5	280	15.94	0.947	6.90	-78.2	0.29	19.6
0930	9.42	10/5	280	15.90	0.941	6.90	-78.2	0.29	13.2
0935	9.42	10/5	280	15.91	0.941	6.90	-75.6	0.24	10.02
0940	9.42	10/5	280	15.92	0.947	6.91	-74.2	0.25	8.30
0945	9.42	10/5	280	15.92	0.947	6.90	-73.3	0.30	7.38
0950	9.42	10/5	280	15.92	0.947	6.92	-75.4	0.21	7.27
0955	9.42	10/5	280	15.92	0.947	6.92	-75.7	0.24	4.66
1000	9.42	10/5	280	15.91	0.948	6.93	-76.0	0.21	3.74
1005	9.42	10/5	280	15.93	0.946	6.93	-78.2	0.23	3.88
1010	9.42	10/5	280	15.96	0.946	6.93	-79.9	0.21	3.18

COMMENTS:

DTB 16.88'
Total amount purged was ~ 6-gallons.

Signature: Richard Ruffa

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003	Page: 1 of 1
Date: 12/12	Rev.: 0
Prepared by: MAW	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): (Matt W.) Jason F., Rich R., Corey R.

Temperature Range: 30-35
Precipitation: Snowing
Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID:
Sample Date / Time:

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 8.86'

Equipment Information

Bottom = 36.50

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter #7321
Turbidity Name/ID: LaMotte 2020 #12384

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
0925	8.86'	25/10/5	150	11.48	0.526	6.62	191.1	7.36	79.8
0930	8.86'	25/10/5	150	11.62	0.556	6.37	192.0	6.02	75.9
0935	8.89	25/10/5	180	11.86	0.556	6.33	190.5	5.93	74.2
Stopped	Pumping								
950	8.69	25/10/5	180	11.21	0.557	6.32	191.2	6.07	86.4
955	8.79	25/10/5	180	11.66	0.555	6.30	190.4	5.81	102.1
1000	8.86	25/10/5	180	11.90	0.551	6.28	190.0	5.63	100.6
1005	8.88	25/10/5	180	11.93	0.550	6.28	189.9	5.65	99.8
Stopped Pumping									
1025	8.75	25/10/5	150	11.66	0.548	6.27	193.1	5.69	79.1
1030	8.86	30/10/5	180	11.96	0.548	6.25	194.0	5.55	45.2
1035	8.86	30/10/5	180	11.97	0.548	6.25	194.6	5.64	35.1
1040	8.86	30/10/5	180	12.04	0.548	6.25	196.1	5.72	26.7
1045				12.08	0.546	6.23	198.1	5.75	18.8
1050				12.10	0.545	6.22	200.0	5.69	11.4
1055				12.10	0.544	6.21	202.1	5.64	9.76
1100				12.13	0.542	6.20	204.9	5.66	6.24
1105				12.15	0.540	6.19	205.8	5.69	4.09

COMMENTS: 1110 Samples taken
Had to switch out defective control box

Signature: Matt Wolk

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

Nobis

SOP No: SA-003
Date: 12/2
Page: 1 of 1
Rev.: 0
Prepared by: MAW
Approved by:

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 40-45
Precipitation: Cloudy
Wind Speed/Direction: 10 mph

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID:
Sample Date / Time:

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 7.02

Equipment Information

Bottom = 16.22

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter #7321
Turbidity Name/ID: LaMotte 2020 #12384

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1255	7.16	20/10/5	180	13.21	0.516	6.61	17.0	4.09	146
1300	7.50	15/10/5	170	13.20	0.526	6.92	-78.3	0.75	133
1305	7.59	15/10/5	130	13.19	0.528	6.97	-92.1	0.81	113
1310	7.63	15/10/5	120	13.15	0.527	7.00	-99.2	0.79	97.4
1315	7.69	15/10/5	120	13.10	0.518	7.04	-101.9	0.77	62.9
1320	7.72	15/10/5	120	13.09	0.510	7.06	-103.6	0.83	48.1
1325	7.81	15/10/5	120	13.05	0.516	7.07	-104.8	0.78	29.7
1330	7.86	15/10/5	120	13.03	0.524	7.07	-105.0	0.84	23.7
1335	7.94	15/10/5	120	13.00	0.532	7.07	-106.9	0.83	17.9
1340	8.01	15/10/5	120	13.01	0.532	7.07	-108.0	0.69	16.6
1345	8.10	15/10/5	120	12.98	0.535	7.07	-107.3	0.61	14.9
1350	8.11	15/10/5	120	12.97	0.547	7.06	-108.7	0.86	13.9
1355	8.15	15/10/5	120	12.99	0.548	7.05	-106.3	0.94	13.8
1400	8.18	15/10/5	120	12.99	0.551	7.04	-106.1	0.96	11.2
1405	8.20	15/10/5	120	12.99	0.556	7.03	-104.9	0.94	9.73
1410	8.21	↓	↓	13.00	0.559	7.03	-103.1	0.96	7.31
1415	8.24	↓	↓	13.01	0.562	7.01	-101.8	0.95	7.08
1420	Samples	Taken							

COMMENTS:

Signature: [signature]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003	Page: 1 of 1
Date: 11/30	Rev.: 0
Prepared by: MAW	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0340

Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 40-45°

Precipitation: Rain

Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009

Sample ID: MW-12D

Sample Date / Time: 11/30/09 / 1610

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level:

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter #7321

Turbidity Name/ID: LaMotte 2020 #02935

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1520	11.19	30/1015	200	13.31	0.422	7.14	40.9	4.56	185
1525	11.26	30/1015	200	13.57	0.427	6.92	35.5	4.21	130
1530	↓	↓	↓	13.67	0.427	6.87	37.5	4.15	95.1
1535				13.68	0.425	6.83	45.2	4.06	72.6
1540				13.66	0.425	6.81	53.4	4.02	66.9
1545				13.57	0.426	6.80	62.7	3.98	43.8
1550				13.53	0.425	6.79	72.1	4.03	39.0
1555				13.52	0.425	6.78	79.3	4.00	35.2
1600				13.52	0.425	6.78	84.8	3.99	36.8
1605	↓	↓	↓	13.54	0.424	6.77	88.8	4.01	34.3
1610	Samples	Taken							

COMMENTS:

Signature: [signature]

LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET

SOP No: SA-003	Page: 1 of 1
Date: 11/30	Rev.: 0
Prepared by: MAW	
Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 45-50
Precipitation: Rain
Wind Speed/Direction: 5 mph

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009
Sample ID:
Sample Date / Time:

QA/QC Sample (circle): MS / MSD , DUP
QA/QC Sample Time:
Initiail Water Level: 10.35'

Equipment Information Depth to Bottom = 15.22'

Pump Type: Bladder Pump
Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter
Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter #7321
Turbidity Name/ID: LaMotte 2020 #02935

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1425	11:18	15/105	350	14.53	1.367	7.23	-124.5	1.17	241
1430		10/105	100	14.70	1.402	7.23	-115.7	0.23	364
1435	Pumped well Dry								

COMMENTS: checked 12/1: Dry
checked 12/2: Dry
checked 12/3: DRY

Signature: [signature]

NOTS	**LOW-FLOW/ LOW-STRESS GROUNDWATER SAMPLING LOG SHEET**	SOP No: SA-003 Date: 12-3-09	Page: 1 of 1 Rev.: 0
		Prepared by:	
		Approved by:	

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT

Project Number/Task: 80018.03/0340

Sampler(s): Matt W., Jason F., Rich R., Corey R.

Temperature Range: 50's-60's

Precipitation: None

Wind Speed/Direction: 0-10 mph / NW → SE

SAMPLE INFORMATION

Sampling Round: Round 5 - Novemeber 2009

Sample ID: MW-13

Sample Date / Time: 12-3-09 / 1245

QA/QC Sample (circle): MS / MSD , DUP

QA/QC Sample Time:

Initiail Water Level: 14.73'

Equipment Information

Pump Type: Bladder Pump

Pump Name/ID: QED Micropurge Pump 1-3/4" Diameter

Water Level Name/ID: 100' Solinst Water Level Meter

Multimeter Name/ID: YSI 600 XL Multi-Parameter

Turbidity Name/ID: LaMotte 2020

WELL ID: MW1, MW2, MW3S, MW3D, MW3B, MW4S, MW4D, MW5, MW6S, MW6D, MW7S, MW7D, MW8S, MW8D, MW9S, MW9D, MW10, MW11S, MW11D, MW12S, MW12D, MW13

Time	Water Level Reading	Bladder Pressure/ Refill/ Discharge	Purge Rate (mL/min)	Temp (°C) 3%	Specific Conductivity (mS/m) 3%	pH +/-0.1	ORP / Eh3 (mV) +/-10 mV	DO (mg/L) 10%	Turbidity (NTU) 10% or <10
				Set up pump, fill flow-through cell, etc.					
1200	14.88	10/5	240	14.55	0.230	6.56	136.3	8.11	15.2
1205	15.00	10/5	200	14.32	0.247	6.26	152.8	7.78	8.19
1210	14.88	10/5	200	14.25	0.265	6.14	160.1	7.54	8.48
1215	14.88	10/5	200	14.21	0.297	6.04	166.1	7.44	6.27
1220	14.88	10/5	200	14.19	0.312	6.00	169.7	7.41	3.52
1225	14.88	10/5	200	14.22	0.326	5.95	173.3	7.37	3.92
1230	14.88	10/5	200	14.19	0.332	5.93	177.5	7.35	2.55
1235	14.88	10/5	200	14.26	0.337	5.91	181.2	7.36	1.68
1240	14.88	10/5	200	14.24	0.339	5.90	183.4	7.38	1.29

COMMENTS:

Total purge amount was ~2.5-gallons.

Signature: [signature]

Nobis Engineering, Inc. nobisengineering.com

Title:

MULTIPARAMETER WATER PROBE FIELD CALIBRATION LOG SHEET

SOP No: FS-005 | Page: of
Date: | Rev.:
Prepared by:
Approved by:

SITE INFORMATION		EQUIPMENT INFORMATION	
Site Name:	Scovill Industrial Landfill Superfund Site - Waterbury, CT	Instrument Name:	YSI 600 XL Multi-Parameter
Project Number/Task:	80018.03/0340	Serial No.:	
Personnel:	Matt W., Jason F., Rich R., Corey R.	Nobis No.:	

CALIBRATION LOG

CALIBRATION DATE	STANDARD CAL SOLUTION	Temp (C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (~~mg/L~~ %)	Turbidity (NTU)	SIGNATURE	COMMENTS
11/30	✓	17.09	1.414	4.01 7.00 10.00	240.0	98.7%	—	AM J Fopiano	
			Did not use					PM —	
12/1	✓	13.28	1.414	4.00 7.02 10.00	240.0	98.5%	—	AM J Fopiano	
		12.06	1.285	3.94 6.98 9.95	242.6	99.3%	—	PM J Fopiano	
12/2	✓	11.33	1.413	3.99 7.03 10.00	239.9	99.3%	—	AM J Fopiano	
		13.40	1.419	4.13 7.06 9.96	232.7	100.3%	—	PM J Fopiano	
12/3	✓	13.46	1.413	4.00 7.08 10.0	240.0	98.9%	—	AM J Fopiano	
		19.11	1.309	4.07 7.10 10.11	233.9	100.2%		PM J Fopiano	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	

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Title:

MULTIPARAMETER WATER PROBE FIELD CALIBRATION LOG SHEET

SOP No: FS-005 | Page: 1 of 1
Date: 11/30 | Rev.:
Prepared by: MAW
Approved by:

SITE INFORMATION	EQUIPMENT INFORMATION
Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT	Instrument Name: YSI 600 XL Multi-Parameter #7321
Project Number/Task: 80018.03/0340	Serial No.:
Personnel: Matt W., Jason F., Rich R., Corey R.	Nobis No.:

CALIBRATION LOG

CALIBRATION DATE	STANDARD CAL SOLUTION	Temp (C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (~~mg/L~~ %)	Turbidity (NTU)	SIGNATURE	COMMENTS
11/30			1.413	4.00/7.00 9.99	240.0	100.5		AM Matt W	
		14.66	1.172	4.05/7.05 10.09	241.6	104.6		PM Matt W	
12/1		12.31	1.414	4.00/7.00 10.00	240.0	100.5		AM Matt W	
		13.04	1.379	4.10/7.09 10.03	238.5	102.7		PM Matt W	
12/2		11.61	1.413	4.00/7.00 9.98	240.1	100.5		AM Matt W	
		13.33	1.364	4.00/7.06 10.05	237.9	103.3		PM Matt W	
12/3		12.79	~~1.379~~ 1.413 mS	4.00/7.00 10.00	240.1	100.5		AM Matt W	
		18.99	1.357	3.94 6.82 9.75	234.8	101.6		PM Matt W	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	

Conductivity: Lot # 7377 Exp: 8-19-2010
pH4: Lot# 7278 Exp: 7-9-2010
pH7: Lot# 7307 Exp: 8-25-2010
pH10: Lot# 7270 Exp: 7-3-2010
ORP: Lot# 1279 Exp: 12-2013

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Title:

MULTIPARAMETER WATER PROBE FIELD CALIBRATION LOG SHEET

SOP No: FS-005 | Page: 1 of 1
Date: 12/1/09 | Rev.:
Prepared by: R. Rizza
Approved by:

SITE INFORMATION

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Personnel: Matt W., Jason F., Rich R., Corey R.

EQUIPMENT INFORMATION

Instrument Name: YSI 600 XL Multi-Parameter
Serial No.: 05H1025 AE
Nobis No.:

CALIBRATION LOG

CALIBRATION DATE	STANDARD CAL SOLUTION	Temp (C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (~~mg/L~~ %)	Turbidity (NTU)	SIGNATURE	COMMENTS
12/1/09		12.54	1.413	4.00 7.01 10.02	240.0	99.1	—	AM Richard Rizza	
		12.32	1.390	4.05 6.82 9.87	238.7	99.2	—	PM Richard Rizza	
12/2/09		12.27	1.413	4.00 7.01 10.01	240.2	99.6	—	AM Richard Rizza	
		12.88	1.379	4.09 7.05 10.23	237.6	102.3	—	PM [illegible]	
12/3/09		15.21	1.413	4.00 7.00 10.05	240.3	99.0	—	AM Richard Rizza	
		19.98	1.432	4.12 6.99 9.95	234.5	96.3	—	PM Richard Rizza	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	

Cal. Solutions
pH 4 Lot # 7278 Exp. 7/9-2010
pH 7 Lot # 7393 Exp. 8/25/10
pH 10 Lot # 7270 Exp. 7/3/10
Sp. Cond. Lot # 7377 Exp. 8-19-10
ORP 240 mV Lot # 1279 Exp. 12-2013
DO membrane checked - No air bubbles observed, membrane in satisfactory condition.

checked ea. day.

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Title:

MULTIPARAMETER WATER PROBE FIELD CALIBRATION LOG SHEET

SOP No: FS-005 | Page: 1 of
Date: 12/1/09 | Rev.:
Prepared by: R. Rizza
Approved by:

SITE INFORMATION		EQUIPMENT INFORMATION	
Site Name:	Scovill Industrial Landfill Superfund Site - Waterbury, CT	Instrument Name:	YSI 600 XL Multi-Parameter
Project Number/Task:	80018.03/0340	Serial No.:	06 F2353 AD
Personnel:	Matt W., Jason F., Rich R., Corey R.	Nobis No.:	

CALIBRATION LOG

CALIBRATION DATE	STANDARD CAL SOLUTION	Temp (C)	Specific Conductivity (mS/m)	pH	ORP / Eh3 (mV)	DO (mg/L)	Turbidity (NTU)	SIGNATURE	COMMENTS
12/1/09		16.09	1.413	4.00 7.00 10.05	240.2			AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	
								AM	
								PM	

pH 4 Lot # 7278 Exp. 7/9-2010
pH 7 Lot # 7393 Exp. 8/25/10
pH 10 Lot # 7270 Exp. 7/3/10
Sp. Cond. Lot # 7377 Exp. 8-19-10
ORP 240 mV Lot # 1279 Exp. 12-2013

DO% reading 80.1%. Spoke to CR, should be reading close to 100%. Changed membrane, DO% reading 74.6%. Discussed w/ CR, try using backup YSI.

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Title:

TURBIDITY METER
FIELD CALIBRATION LOG SHEET

SOP No: FS-006
Date: 11/30/09
Page: 1 of 1
Rev.:
Prepared by: MAW
Approved by:

SITE INFORMATION

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Personnel: Matt W., Jason F., Rich R., Corey R.

EQUIPMENT INFORMATION

Instrument Name: LaMotte 2020
Serial No.: 02935
Nobis No.: —

CALIBRATION LOG

CALIBRATION DATE	STANDARD SOLUTIONS	CALIBRATION READING (NTU)		CALIBRATION CHECK (NTU)		SIGNATURE	COMMENTS
11/30/09	1 NTU	1.01	AM	0.97	PM	C. Ro	
	10 NTU	10.01	AM	9.94	PM	Matt W	
12/1/09	1 NTU	0.98	AM	0.50	PM	Matt W	Serial # 12384
	10 NTU	10.03	AM	9.64	PM	Matt W	
12/2/09	1 NTU	0.96	AM	0.70	PM	Matt W	SN 12384
	10 NTU	9.91	AM	9.94	PM	Matt W	
12/3/09	1 NTU	1.05	AM	0.90	PM		
	10 NTU	10.03	AM	9.76	PM	Matt W	SN 12384
	1 NTU		AM		PM		
	10 NTU		AM		PM		
	1 NTU		AM		PM		
	10 NTU		AM		PM		
	1 NTU		AM		PM		
	10 NTU		AM		PM		
	1 NTU		AM		PM		
	10 NTU		AM		PM		

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Title:

TURBIDITY METER
FIELD CALIBRATION LOG SHEET

SOP No: FS-006
Date: 12/1/09
Page: 1 of 1
Rev.:
Prepared by: R. Rizza
Approved by:

SITE INFORMATION	EQUIPMENT INFORMATION
Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT	Instrument Name: LaMotte 2020
Project Number/Task: 80018.03/0340	Serial No.: 3172-1702
Personnel: Matt W., Jason F., Rich R., Corey R.	Nobis No.:

CALIBRATION LOG

CALIBRATION DATE	STANDARD SOLUTIONS	CALIBRATION READING (NTU)		CALIBRATION CHECK (NTU)		SIGNATURE	COMMENTS
12/1/09	1 NTU	1.1	AM	0.83	PM	Richard Rizza	
	10 NTU	10	AM	10.40	PM	Richard Rizza	
12/2/09	1 NTU	1.05	AM	0.74	PM	Matt Wolff	
	10 NTU	10.11	AM	9.18	PM	Matt Wolff	
12/3/09	1 NTU	0.95	AM	1.10	PM	Richard Rizza	
	10 NTU	9.95	AM	10.17	PM	Richard Rizza	
	1 NTU		AM		PM		
	10 NTU		AM		PM		
	1 NTU		AM		PM		
	10 NTU		AM		PM		
	1 NTU		AM		PM		
	10 NTU		AM		PM		
	1 NTU		AM		PM		
	10 NTU		AM		PM		
	1 NTU		AM		PM		
	10 NTU		AM		PM		

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Title:

TURBIDITY METER
FIELD CALIBRATION LOG SHEET

SOP No: FS-006 | Page: of
Date: | Rev.:
Prepared by:
Approved by:

SITE INFORMATION

Site Name: Scovill Industrial Landfill Superfund Site - Waterbury, CT
Project Number/Task: 80018.03/0340
Personnel: Matt W., Jason F., Rich R., Corey R.

EQUIPMENT INFORMATION

Instrument Name: LaMotte 2020
Serial No.: 01772
Nobis No.:

CALIBRATION LOG

CALIBRATION DATE	STANDARD SOLUTIONS	CALIBRATION READING (NTU)		CALIBRATION CHECK (NTU)		SIGNATURE	COMMENTS
11/30/09	1 NTU	1.0	AM	—	PM	J Topiano	Did not use
	10 NTU	10.0	AM	—	PM	—	
12-1-09	1 NTU	1.0	AM	0.95	PM	J Topiano	
	10 NTU	10.0	AM	9.4	PM	J Topiano	
12-2-09	1 NTU	1.0	AM	0.96	PM	J Topiano	
	10 NTU	10.0	AM	9.2	PM	J Topiano	
12-3-09	1 NTU	1.0	AM	0.95	PM	J Topiano	
	10 NTU	10.0	AM	9.4	PM	J Topiano	
	1 NTU		AM		PM		
	10 NTU		AM		PM		
	1 NTU		AM		PM		
	10 NTU		AM		PM		
	1 NTU		AM		PM		
	10 NTU		AM		PM		
	1 NTU		AM		PM		
	10 NTU		AM		PM		

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/10/10
Field Personnel Josh Stewart
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 1.82 From:
Pump/Tubing Intake set (ft.): From:
Sample Designation
Sample Time 1035

Well ID : MW-1
Purging Start Time : 945
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 3
Time at Purge Completion:
Signature: Josh S

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder 15 PSI 10R 5d
Multimeter model and serial number YSI 600XL 5704 Turbidity meter model and serial number LaMotte 2020 02040

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
back pack unit

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
950	5 / 10	260	1.97	0.15	0.15	9.22	322	6.18	205.2	8.56	140	15 PSI
955	5 / 10	260	1.98	0.01	0.16	9.38	321	5.98	205.8	8.50	82.0	15 PSI
1000	5 / 10	260	1.98	0	0.16	9.53	320	5.81	206.7	8.50	46.4	15 PSI
1005	5 / 10	260	1.98	0	0.16	9.47	320	5.69	206.7	8.53	41.4	15 PSI
1010	5 / 10	260	1.98	0	0.16	9.51	320	5.63	205.8	8.54	26.5	15 PSI
1015	5 / 10	260	1.98	0	0.16	9.54	320	5.62	203.3	8.64	20.6	15 PSI
1020	5 / 10	260	1.98	0	0.16	9.56	320	5.61	202.1	8.67	17.1	15 PSI
1025	5 / 10	260	1.98	0	0.16	9.58	320	5.61	201.2	8.70	15.4	15 PSI
1030	5 / 10	260	1.98	0	0.16	9.60	320	5.61	200.0	8.72	15.8	15 PSI
1035						Sample						

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

Page 1 of

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/10/10
Field Personnel Kelly A.
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 1.91 From:
Pump/Tubing Intake set (ft.): 4" from bottom From:
Sample Designation field
Sample Time 1528

Well ID : MW-25
Purging Start Time : 1345
Measured Well Depth (ft.): 13.91
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes No
Total Volume Purged, Including Drawdown (gallons): > 3 gall.
Time at Purge Completion: 1640
Signature: K Lumbye

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder, 10/5, pressure ~15 psi
Multimeter model and serial number YSI 650MDS Turbidity meter model and serial number LaMotte 2020

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
can observe bottom half of chamber is full of flock, effecting the flow rate each time it purges.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
p = <20psi 1345	10 / 5	60										trying to adjust flowrate
1350	10 / 5	231	2.31	0.40	0.40	9.05	840	6.06	-336	.6	Err3	DO=94.0%, 10.87mg/L
1355	10 / 5	—	2.89	0.58	0.98	+30psi	charge	pressure			↑	empty chamber out.
p = <20psi 1400	10 / 5	200	3.61	0.72	1.70	8.09	891	6.05	-320	.1	600	DO = 307.2%, 31.28mg/L
1405	10 / 5	220	3.75	0.14	1.84	7.91	883	6.07	-328	.5	350	(jumpy) 347.3%, 41.21mg/L
1410	10 / 5	120	3.52	-.23	1.61	7.98	879	6.09	-337	.0	290	DO= 272.6%, 32.15mg/L
1415	10 / 5	110	3.51	-0.01	1.60	8.03	877	6.10	-341	.9	190	224.4%, 26.38mg/L
1420	10 / 5	130	3.41	-.10	1.50	7.98	872	6.14	-353	.5	100	229.1%, 28.61 mg/L
cooling down outside less sun 1425	10 / 5	130	3.40	-0.01	1.49	7.87	872	6.16	-356	.1	95	—
1430	10 / 5	130	3.40	—	1.49	7.85	872	6.18	-362	.8	75	248.6%, 28.32mg/L
1435	10 / 5	130	3.42	.02	1.51	7.86	872	6.20	-370	.7	55	251.2%, 29.38 mg/L
1440	10 / 5	130	3.42	—	1.51	7.85	869	6.22	-376	.1	55	258.4% 30.24mg/L

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

Page 2

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/10/10
Field Personnel Keily A.
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 1.91 From:
Pump/Tubing Intake set (ft.): 4" from bottom From:
Sample Designation field sample
Sample Time 1528

Well ID : MW-25
Purging Start Time : 1345
Measured Well Depth (ft.): 13.91
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes (No)
Total Volume Purged, Including Drawdown (gallons): >3 gall.
Time at Purge Completion: 1640
Signature: [signature]

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder, 10/5, p = ~15 psi
Multimeter model and serial number YSI 650 MDS Turbidity meter model and serial number LaMotte 2020

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
See page 1.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1445	10 / 5	130	3.42	—	1.51	7.86	870	6.23	-378	.9	45	DO= 249.7%, 29.26 mg/L
1450	10 / 5	130	3.42	—	1.51	7.87	870	6.23	-382	.2	33	251.5%, 29.63 mg/L
1455	10 / 5	130	3.42	—	1.51	7.88	872	6.22	-382	.1	32	* 224.8%, 26.24 mg/L
1500	10 / 5	130	3.42	—	1.51	8.03	872	6.22	-381	.2	26	* 174.2%, 20.45 mg/L
1505	10 / 5	130	3.41	-0.01	1.50	8.05	867	6.20	-374	.8	17	171.4%, 20.18 mg/L
1510	10 / 5	130	3.41	—	1.50	8.08	867	6.18	-377	.8	15	170.4%, 20.06 mg/L
1515	10 / 5	130	3.41	—	1.50	8.04	863	6.18	-385	.3	13	* 145.8%, 17.20 mg/L
1520	10 / 5	130	3.41	—	1.50	8.05	862	6.18	-387	.7	13	144.7%, 17.11 mg/L
1525	10 / 5	130	3.41	—	1.50	8.01	861	6.18	-389	.9	11	145.6%, 17.16 mg/L
1528						2.99%						Samples collected

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/9/10
Well ID : MW-3B
Field Personnel Josh Stewart
Purging Start Time : 1405
Well Depth as installed (ft.):
Measured Well Depth (ft.):
Screen Length in ft.
Screen Depth in ft.
Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 10.70
From:
Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.):
From:
Total Volume Purged, Including Drawdown (gallons): 2
Sample Designation
Time at Purge Completion:
Sample Time 1500
Signature: Josh S

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder 10R 5D 30 PSI
Multimeter model and serial number YSI 600XL 5704 Turbidity meter model and serial number LaMotte 02040 2020
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
depth is measured from top of casing

Clock Time	R/d Discharge / Refill / Pump Setting	Purge Rate	Depth to Water 10.93	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1410	10R / 5d	140	~~9.55~~	0.23	0.23	10.90	140	8.24	150.0	7.91	NA	30 PSI
1415	10 / 5	140	11.02	0.09	0.32	10.61	291	8.49	148.0	3.90	19.7	30 PSI
1420	10 / 5	140	11.22	0.20	0.52	10.66	298	8.50	152.5	2.56	20.3	30 PSI
1425	10 / 5	110	11.37	0.15	0.67	10.55	302	8.49	162.9	2.00	21.0	25 PSI
1430	10 / 5	110	11.47	0.10	0.77	10.57	301	8.51	168.9	1.86	18.6	25 PSI
1435	10 / 5	110	11.56	0.09	0.86	10.35	300	8.52	174.0	1.70	18.8	25 PSI
1440	10 / 5	110	11.62	0.06	0.92	10.28	299	8.58	177.0	1.61	16.9	25 PSI
1445	10 / 5	110	11.68	0.06	0.98	10.16	297	8.62	179.5	1.50	15.4	25 PSI
1450	10 / 5	110	11.74	0.06	1.04	10.07	296	8.68	181.9	1.44	15.2	25 PSI
1455	10 / 5	110	11.80	0.06	1.10	10.05	296	8.70	182.0	1.40	14.8	25 PSI
1500		Sample										

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/9/10
Well ID : MW-3D
Field Personnel Josh Stewart
Purging Start Time : 945
Well Depth as installed (ft.):
Measured Well Depth (ft.):
Screen Length in ft. Screen Depth in ft.
Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 10.48 From:
Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): From:
Total Volume Purged, Including Drawdown (gallons): 4
Sample Designation
Time at Purge Completion:
Sample Time 1025
Signature: [signature]
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder 10R5d 30PSI
Multimeter model and serial number YSI 600XL 5704 Turbidity meter model and serial number LaMotte 02040 2020
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
MS/MSD Sample

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
950	10 / 5	280	10.52	0.04	0.04	10.16	386	7.14	212.5	8.11	0.65	30 PSI
955	10 / 5	280	10.53	0.01	0.05	10.53	385	7.10	204.9	5.25	0.19	30 PSI
1000	10 / 5	280	10.53	0	0.05	10.59	388	7.07	204.7	4.44	0.29	30 PSI
1005	10 / 5	280	10.53	0	0.05	10.69	390	7.05	203.4	4.14	0.34	30 PSI
1010	10 / 5	280	10.53	0	0.05	10.80	390	7.02	202.8	3.98	0.90	30 PSI
1015	10 / 5	280	10.54	0.01	0.06	10.88	392	7.01	203.0	3.86	1.04	30 PSI
1020	10 / 5	280	10.54	0	0.06	10.97	391	6.99	204.6	3.83	1.05	30 PSI
1025		Sample										

Notes: All depths in feet below top of PVC unless specified. depth below TIP of casing
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2
Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/9/10
Field Personnel Josh Stewart
Well Depth as installed (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____
Depth to GW (ft.): 10.64 From: _____
Pump/Tubing Intake set (ft.): _____ From: _____
Sample Designation _____
Sample Time 1655

Well ID : MW-35
Purging Start Time : 1610
Measured Well Depth (ft.): _____
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 4
Time at Purge Completion: _____
Signature: Josh S

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder 18 PSI 10R 5d
Multimeter model and serial number YSI 600XL 5704 Turbidity meter model and serial number LaMotte 02040 2020
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1615	5d / 10R	340	10.65	0.01	0.01	7.50	668	7.13	72.6	6.14	9.10	18 PSI
1620	5 / 10	340	10.65	0	0.01	7.28	668	7.07	54.0	4.78	5.58	18 PSI
1625	5 / 10	340	10.65	0	0.01	7.27	655	6.98	49.0	3.92	3.19	18 PSI
1630	5 / 10	340	10.65	0	0.01	7.28	649	6.93	45.3	3.38	2.21	18 PSI
1635	5 / 10	340	10.65	0	0.01	7.24	640	6.90	39.3	2.50	1.95	18 PSI
1640	5 / 10	340	10.65	0	0.01	7.26	641	6.89	37.1	2.14	1.56	18 PSI
1645	5 / 10	340	10.65	0	0.01	7.27	639	6.89	36.9	2.01	1.53	18 PSI
1650	5 / 10	340	10.65	0	0.01	7.27	639	6.87	34.9	1.96	1.54	18 PSI
1655		Sample										

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/9/10
Field Personnel Kelly Armitage
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 16.18 From:
Pump/Tubing Intake set (ft.): From:
Sample Designation field sample
Sample Time 1125

Well ID : MW-4D
Purging Start Time : 1005
Measured Well Depth (ft.): see field sheet
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 5+4 = ~9
Time at Purge Completion: 1120
Signature: KMA

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder – 10/5 p=60
Multimeter model and serial number YSI 650 MDS Turbidity meter model and serial number ~~Hach~~ Lamotte 2020
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Pg 1 of 2

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1005	60 10 5	+400	11.18	–	–	12.92	292	6.87	-310	~~-318.1~~ 300	–	DO = 32.7% / 3.64 mg/L
1010	60 10 5	480	11.17	0.01	-0.01	12.95	273	6.35	-272		206	DO = 47.4% / 5.03 mg/L
1020	60 10 5	480	11.17	0.0	-0.01	13.10	251	5.91	-242		71	DO = 53.9% / 5.66 mg/L
1025	60 10 5	480	11.17	0.0	-0.01	13.09	250	5.85	-236.3		33.3	DO = 54.1% / 5.68 mg/L
1035	60 10 5	480	11.17	0	-0.01	13.04	250	5.83	-235.6		27.1	DO = 53.3% / 5.62 mg/L
1040	60 10 5	480	11.17	0	-0.01	12.91	248	5.87	-227.7		22.1	DO = 53.0% / 5.59 mg/L
1045	10 5	480	11.17	0	-0.01	12.94	248	5.87	-221.9		17.1	DO = 52.8% / 5.56 mg/L
1050	10 5	480	11.17	0	-0.01	12.94	247	5.86	-220.2		12.2	DO = 52.9% / 5.58 mg/L
1055	10 5	480	11.16	0	-0.02	12.94	247	5.85	-216.1		15.0	DO = 52.6% / 5.55 mg/L
1100	10 5	480	11.15	0	-0.03	12.92	246	5.85	-215.0		14.1	DO = 52.7% / 5.56 mg/L
1105	10 5	480	11.15	0	-0.03	12.92	244	5.83	-208.6		11.2	DO = 52.8% / 5.57 mg/L
1110	10 5	480	11.15	0	-0.03	12.92	243	5.82	-206.2		11.1	DO = 52.7% / 5.57 mg/L

Btwn 1010 → 1020 helping LC get set up on well MW-8

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/9/10
Field Personnel Kelly Armitage
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 11.18 From:
Pump/Tubing Intake set (ft.): From:
Sample Designation field sample
Sample Time 1125

Well ID : MW-4D
Purging Start Time : 10:05
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 5+4 = ~9
Time at Purge Completion: 1120
Signature: KA

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 60/10/5 bladder pump
Multimeter model and serial number YSI 650 MDS Turbidity meter model and serial number ~~Hach~~ LaMotte 2020

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Page 2 of 2

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1115	10 / 5	480	11.15	0	-0.03	12.93	243	5.82	-205.2		8.58	DO = 52.7% / 5.56 mg/L
1120	10 / 5	480	11.15	0	-0.03	12.9	242	5.82	-202.0		9.90	DO = 52.8% / 5.57 mg/L
1125												Collect samples

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/9/10
Field Personnel Kelly Armitage
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 10.89 From:
Pump/Tubing Intake set (ft.): From:
Sample Designation Field Sample
Sample Time 1455

Well ID : MW-45
Purging Start Time : 1405
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes No
Total Volume Purged, Including Drawdown (gallons): ~2.5 gal.
Time at Purge Completion: 1450
Signature: Armitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder / 23-10/5
Multimeter model and serial number YSI 650 MDS Turbidity meter model and serial number LaMotte 2020

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.) NA
bladder pump approx. 3-4" off the bottom of well.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
pressure = 46.5 1405	10 5	340	10.88	~~0.09~~	~~0.09~~	—	—	—	—	—	—	
pr = 30 1410	10 5	300	10.97	~~0.01~~ 0.09	~~0.01~~ 0.08	13.58	423	6.01	-183.2		87	DO = 17%, 1.74 mg/L
change p = 23 1415	10 5	200	10.95	-0.02	0.07	13.32	413	5.81	-170.2		60	DO = 14.7%, 1.54 mg/L
1420	10 5	200	10.95	0	0.07	13.27	409	5.86	-160.6		24	DO = 14.5%, 1.51 mg/L
1425	10 5	200	10.95	0	0.07	13.22	406	5.88	-166.9		9.5	DO = 11.9%, 1.25 mg/L
1430	10 5	200	10.95	0	0.07	13.35	405	5.91	-170.8		1.7	10.9%, 1.12 mg/L
1435	10 5	200	10.95	0	0.07	13.29	403	5.93	-168.0		4.4	9.7%, 1.01 mg/L
1440	10 5	200	10.95	0	0.07	13.26	403	5.94	-161.3		5.1	9.6%, 0.99 mg/L
1445	10 5	200	10.95	0	0.07	13.28	402	5.94	-160.6		1.4	9.2%, 0.96 mg/L
1450	10 5	200	10.95	0	0.07	13.27	402	5.94	-162.6		0.35	8.9%, 0.92 mg/L
1455												Samples collected

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/11/10
Field Personnel Josh Stewart
Well Depth as installed (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____
Depth to GW (ft.): 9.05 From: _____
Pump/Tubing Intake set (ft.): _____ From: _____
Sample Designation _____
Sample Time 1455

Well ID : MW-5
Purging Start Time : 1405
Measured Well Depth (ft.): _____
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 3
Time at Purge Completion: _____
Signature: Josh Stewart

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder
Multimeter model and serial number YSI 600XL 5704 Turbidity meter model and serial number LaMotte 2020
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1410	5 / 10	200	9.15	0.1	0.1	13.48	603	6.54	63.3	2.60	61.7	12 PSI
1415	5 / 10	200	9.15	0	0.1	13.44	611	6.29	67.3	3.06	43.7	12 PSI
1420	5 / 10	200	9.15	0	0.1	13.45	603	6.13	67.9	2.05	32.4	12 PSI
1425	5 / 10	200	9.15	0	0.1	13.47	596	6.03	67.9	1.86	20.9	12 PSI
1430	5 / 10	200	9.15	0	0.1	13.47	592	5.98	66.8	1.46	18.6	12 PSI
1435	5 / 10	200	9.15	0	0.1	13.49	585	5.94	66.0	1.59	13.5	12 PSI
1440	5 / 10	200	9.15	0	0.1	13.49	583	5.91	64.4	1.49	7.86	12 PSI
1445	5 / 10	200	9.15	0	0.1	13.49	583	5.90	64.5	1.45	4.83	12 PSI
1450	5 / 10	200	9.15	0	0.1	13.50	584	5.89	64.3	1.49	4.12	12 PSI
1455		Sample										

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/11/10
Field Personnel Josh Stewart
Well Depth as installed (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____
Depth to GW (ft.): 6.23 From: _____
Pump/Tubing Intake set (ft.): _____ From: _____
Sample Designation _____
Sample Time 1015

Well ID : MW-6D
Purging Start Time : 910
Measured Well Depth (ft.): _____
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 4
Time at Purge Completion: _____
Signature: Josh Stewart

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder
Multimeter model and serial number YSI 600XL 5704 Turbidity meter model and serial number LaMotte 2020 02040

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
DUP-02

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
915	5 / 10	400	7.65	1.42	1.42	11.69	117	6.92	143.7	6.14	22.2	40 PSI
920	5 / 10	240	7.75	0.10	1.52	11.51	115	6.61	145.5	5.97	23.5	25 PSI
925	5 / 10	200	7.82	0.07	1.59	11.60	114	6.46	146.3	5.55	30.2	22 PSI (55)
930	5 / 10	200	7.87	0.05	1.64	11.62	116	6.40	145.5	5.09	31.2	22 PSI
935	5 / 10	180	7.80	-0.07	1.57	11.52	132	6.32	144.8	4.94	21.0	21 PSI
940	5 / 10	180	7.76	-0.04	1.53	11.55	270	6.51	134.9	4.71	40.5	21 PSI
945	5 / 10	180	7.76	0	1.53	11.60	306	6.65	129.6	4.45	37.8	21 PSI
950	5 / 10	180	7.76	0	1.53	11.64	334	6.71	126.2	4.37	36.3	21 PSI
955	5 / 10	180	7.76	0	1.53	11.69	352	6.79	124.7	4.29	35.4	21 PSI
1000	5 / 10	180	7.76	0	1.53	11.71	360	6.83	122.0	4.22	31.5	21 PSI
1005	5 / 10	180	7.77	0.01	1.54	11.72	364	6.86	121.2	4.06	29.8	21 PSI
1010	5 / 10	180	7.78	0.01	1.55	11.73	365	6.89	119.9	4.00	28.4	21 PSI

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/11/10
Field Personnel Josh Stewart
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 7.20 From:
Pump/Tubing Intake set (ft.): From:
Sample Designation
Sample Time 1115

Well ID : MW-6S
Purging Start Time : 1020
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 4
Time at Purge Completion:
Signature: Josh S

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder
Multimeter model and serial number YSI 600XL 5704 Turbidity meter model and serial number LaMotte 2020 02040
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1025	5 / 10	300	7.33	0.13	0.13	9.78	377	6.39	24.1	3.38	25.2	20 PSI
1030	5 / 10	300	7.43	0.10	0.23	9.55	386	6.35	9.2	1.34	17.7	20 PSI
1035	5 / 10	300	7.49	0.06	0.29	9.30	447	6.35	-14.6	1.19	11.5	20 PSI
1040	5 / 10	300	7.53	0.04	0.33	9.11	566	6.33	-38.7	1.24	6.68	20 PSI
1045	5 / 10	300	7.55	0.02	0.35	9.03	653	6.32	-49.6	1.37	5.25	20 PSI
1050	5 / 10	300	7.57	0.02	0.37	8.97	722	6.33	-55.4	1.36	4.37	20 PSI
1055	5 / 10	300	7.58	0.01	0.38	8.97	757	6.33	-57.4	1.32	3.90	20 PSI
(SS) 1100	5 / 10	300	7.59	0.01	0.39	8.92	791	6.34	-60.9	0.94	3.20	20 PSI
1105	5 / 10	300	7.60	0.01	0.40	8.93	808	6.35	-62.9	0.92	3.89	20 PSI
(SS) 1110	5 / 10	300	7.61	0.01	0.41	8.91	817	6.36	-63.9	0.91	2.98	20 PSI
1115		Sample										

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/10/10
Field Personnel Jesse Stewart
Well Depth as installed (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____
Depth to GW (ft.): 8.93 From: _____
Pump/Tubing Intake set (ft.): _____ From: _____
Sample Designation _____
Sample Time 1405

Well ID : MW-7D
Purging Start Time : 1305
Measured Well Depth (ft.): _____
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 3
Time at Purge Completion: _____
Signature: Jesse S

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder 10R 5d 40 PSI
Multimeter model and serial number YSI 600XL 5704 Turbidity meter model and serial number LaMotte 02040 2020
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1315	5 / 10	140	9.03	0.10	0.10	13.20	243	6.44	15.0	3.38	65.1	40 PSI
1320	5 / 10	140	9.04	0.01	0.11	13.15	301	6.72	40.0	2.83	62.1	40 PSI
1325	5 / 10	140	9.04	0.01	0.11	13.19	314	6.80	68.9	2.77	46.3	40 PSI
1330	5 / 10	140	9.04	0	0.11	13.16	316	6.82	89.0	2.69	46.0	40 PSI
1335	5 / 10	140	9.04	0	0.11	13.19	316	6.85	105.0	2.64	43.8	40 PSI
1340	5 / 10	140	9.04	0	0.11	13.13	317	6.84	113.6	2.63	38.6	40 PSI
1345	5 / 10	140	9.04	0	0.11	13.03	317	6.87	119.0	2.59	29.0	40 PSI
1350	5 / 10	140	9.04	0	0.11	12.96	316	6.91	114.3	2.54	37.1	40 PSI
1355	5 / 10	140	9.04	0	0.11	12.93	316	6.95	120.0	2.54	33.6	40 PSI
1400	5 / 10	140	9.04	0	0.11	12.92	316	6.99	118.5	2.50	34.7	40 PSI
1405		—	—	—	—	Sample	—	—	—	—	—	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

Nobis Engineering, Inc. nobisengineering.com

Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/10/10
Field Personnel Josh Stewart
Well Depth as installed (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____
Depth to GW (ft.): 7.37 From: _____
Pump/Tubing Intake set (ft.): _____ From: _____
Sample Designation _____
Sample Time 1505

Well ID : MW-7S
Purging Start Time : 1420
Measured Well Depth (ft.): _____
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 2
Time at Purge Completion: _____
Signature: Josh Stewart

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder
Multimeter model and serial number YSI 600XL 5704 Turbidity meter model and serial number LaMotte 02040 2020
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1430	5 / 10	160	7.38	0.01	0.01	12.53	617	6.18	55.9	1.77	17.7	17 PSI
1435	5 / 10	300	7.38	0	0.01	12.66	645	6.19	46.2	0.95	12.8	20 PSI
1440	5 / 10	300	7.38	0	0.01	12.65	657	6.20	42.6	0.90	9.02	20 PSI
1445	5 / 10	300	7.38	0	0.01	12.72	669	6.20	36.0	0.70	6.80	20 PSI
1450	5 / 10	300	7.38	0	0.01	12.73	674	6.19	32.8	0.74	4.01	20 PSI
1455	5 / 10	300	7.38	0	0.01	12.70	677	6.17	33.4	0.77	3.55	20 PSI
1500	5 / 10	300	7.38	0	0.01	12.71	677	6.17	32.4	0.70	2.52	20 PSI
1505		Sample										

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

Nobis Engineering, Inc. nobisengineering.com

Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/9/10
Field Personnel L. Cox
Well Depth as installed (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____
Depth to GW (ft.): 11.09 From: _____
Pump/Tubing Intake set (ft.): _____ From: _____
Sample Designation _____
Sample Time _____

Well ID : MW-8D
Purging Start Time : 13:53
Measured Well Depth (ft.): _____
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): _____
Time at Purge Completion: _____
Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder
Multimeter model and serial number _____ Turbidity meter model and serial number _____
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1400	11 / 4 Disch.	120	11.18			12.1	466	7.91	-108.0	4.64	98.5	
1410	11 / 4	135	11.18			11.97	467	7.83	-103.2	4.60	98.8	
1415	11 / 4	135	11.18			11.90	465	7.78	-100.1	4.58	76.4	
1420	11 / 4	135	11.18			11.86	464	7.79	-97.5	4.53	57.5	
1430	11 / 4	135	11.18			11.86	464	7.86	-96.1	4.48	47.3	
1435	11 / 4	135	11.18			11.86	465	7.87	-94.8	4.45	34.6	
1440	11 / 4	135	11.18			11.84	465	7.90	-94.0	4.43	30.0	
1445	11 / 4	135	11.18			11.87	466	7.92	-93.0	4.43	28.3	
1450		135	11.18			11.86	466	7.94	-91.9	4.40	16.1	
1455	11 / 4	135	11.18			11.89	467	7.95	-91.3	4.38	14.5	
1500	11 / 4	135	11.18			11.91	468	7.96	-90.7	4.36	12.3	
1505	11 / 4	135	11.18			11.90	471	7.97	-90.0	4.35	9.07	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/9/10
Well ID : MW-8D
Field Personnel L. Cox
Purging Start Time :
Well Depth as installed (ft.):
Measured Well Depth (ft.):
Screen Length in ft.
Screen Depth in ft.
Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 11.09
From:
Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.):
From:
Total Volume Purged, Including Drawdown (gallons):
Sample Designation
Time at Purge Completion:
Sample Time 1540
Signature:
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments)
Multimeter model and serial number
Turbidity meter model and serial number
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1510	11 / 4	135	11.18			11.92	475	7.97	-89.1	4.31	8.66	
1515	11 / 4	135	11.18			11.93	477	7.97	-88.6	4.30	6.14	
1520	11 / 4	135	11.18			11.97	478	7.96	-88.4	4.30	5.27	
1525	11 / 4	135	11.18			11.93	479	7.96	-87.8	4.30	4.21	
1530	11 / 4	135	11.18			11.93	479	7.96	-87.8	4.30	4.44	
1535	11 / 4	135	11.18			11.93	479	7.97	-87.3	4.30	3.42	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/9/10
Well ID : MW-8S
Field Personnel L. Cox
Purging Start Time :
Well Depth as installed (ft.):
Measured Well Depth (ft.):
Screen Length in ft.
Screen Depth in ft.
Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 12.36
From: PVC
Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.):
From:
Total Volume Purged, Including Drawdown (gallons):
Sample Designation
Time at Purge Completion:
Sample Time 11:40
Signature:
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 20psi Bladder pump
Multimeter model and serial number
Turbidity meter model and serial number
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1040	refill 10 / 5 discharge	240	12.41	0.05	0.05	11.07	435	6.30	-80.2	3.31	38.2	
1050	10 / 5	240	12.41	0.0	0.05	11.11	424	6.45	-80.1	3.11	25.7	
1100	10 / 5	240	12.40	0.04		11.12	406	6.35	-78.8	3.18	13.6	
1105	9 / 6	320	12.41			11.16	400	6.36	-78.0	3.16	9.64	
11:10	9 / 6	320	12.41			11.20	394	6.35	-77.5	3.17	4.72	
11:15	9 / 6	320	12.41		0.05	11.23	390	6.39	-76.8	3.19	3.48	
11:20	9 / 6	320	12.41			11.27	388	6.49	-96.3	3.21	2.52	
11:25	9 / 6	320	12.41			11.25	387	6.54	-88.6	3.19	2.51	
11:30	9 / 6	320	12.41			11.23	385	6.58	-84.3	3.20	1.46	
11:35	9 / 6	320	12.41			11.21	384	6.58	-80.3	3.25	1.19	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 5/10/10
Field Personnel L. Cox
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 5.92 From: PVC
Pump/Tubing Intake set (ft.): From:
Sample Designation
Sample Time 1245

Well ID : MW-9D
Purging Start Time : 11:45
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons):
Time at Purge Completion:
Signature: Lori A.L. Cox

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 20psi
Multimeter model and serial number Turbidity meter model and serial number
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1200	11 / 4	100	7.63			12.08	272	5.54	-99.6	1.06	15.8	
1210	11 / 4	100	7.66			11.90	272	5.52	-98.6	1.01	15.7	
1215	11 / 4	100	7.66			11.88	271	5.53	-94.9	0.98	13.8	
1220	11 / 4	100	7.66			11.98	271	5.54	-96.5	0.99	13.2	
1225	11 / 4	100	7.66			11.99	271	5.53	-95.0	0.94	11.4	
1230	11 / 4	100	7.65			11.95	271	5.52	-93.5	0.93	8.65	
12:35	11 / 4	100	7.63			11.99	271	5.54	-93.0	0.92	8.64	
12:40	11 / 4	100	7.61			12.03	271	5.55	-93.1	0.92	7.98	%D < 10% for Turbidity
12:45												Collect samples

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/11/10
Field Personnel L. Cox
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 4.65 From:
Pump/Tubing Intake set (ft.): From:
Sample Designation
Sample Time 1115

Well ID : MW-9S
Purging Start Time : 9:35
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 5
Time at Purge Completion:
Signature:

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 3 gpm
Multimeter model and serial number YSI EcoXL, Turbidity meter model and serial number LaMotte 2020
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
945	14.5 / 5.5	200	4.93			5.20	378	5.91	-266.0	4.00	193	
955	14.5 / 5.5	200	4.93			5.24	377	5.86	-254.2	2.54	156	
1000	14.5 / 5.5	200	4.93			5.35	377	5.86	-250.5	2.42	107.1	
1005	14.5 / 5.5	200	4.93			5.40	377	5.87	-250.5	2.30	81.5	
1010	14.5 / 5.5	200	4.92			5.50	378	5.88	-255.2	2.18	51.8	
1015	14.5 / 5.5	190	4.91			5.53	380	5.90	-249.9	2.00	28.3	
1020	14.5 / 5.5	190	4.90			5.55	383	5.92	-248.0	1.92	19.5	
1025	14.5 / 5.5	190	4.90			5.55	385	5.92	-249.6	1.82	14.7	
1030	14.5 / 5.5	190	4.91			5.51	385	5.93	-250.1	1.74	9.14	
1035	14.5 / 5.5	190	4.91			5.49	385	5.93	-247.8	1.68	8.70	
1040	14.5 / 5.5	190	4.91			5.47	385	5.94	-250.9	1.68	7.32	
1045	14.5 / 5.5	190	4.92			5.47	385	5.94	-248.2	1.67	5.54	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/11/10
Well ID : MW-9S
Field Personnel L. Cox
Purging Start Time : 9:35
Well Depth as installed (ft.): _____
Measured Well Depth (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____
Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 4.65 From: _____
Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): _____ From: _____
Total Volume Purged, Including Drawdown (gallons): _____
Sample Designation _____
Time at Purge Completion: _____
Sample Time 11:15
Signature: _____
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____
Multimeter model and serial number _____ Turbidity meter model and serial number _____
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1050	14.5 / 5.5	190	4.91			5.45	385	5.93	-246.9	1.67	~~6.24~~ 4.65	Cleaned off vial
1055	14.5 / 6.5	190	4.90			5.48	386	5.94	-245.2	1.64	5.16	
1100	14.5 / 6.5	190	4.91			5.50	386	5.93	-244.7	1.66	4.98	
1105	14.5 / 5.5	190	4.90			5.48	386	5.93	-246.7	1.67	4.37	
1110	14.5 / 5.5	190	4.89			5.46	386	5.93	-240.8	1.69	4.10	
1115		Collect Samples										

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/12/10
Field Personnel Josh Stewart / Lori Cox
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 8.15 From:
Pump/Tubing Intake set (ft.): From:
Sample Designation
Sample Time 920

Well ID : MW-10
Purging Start Time : 840
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons):
Time at Purge Completion:
Signature: Josh Stewart Lori A. L. Cox

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder
Multimeter model and serial number YSI 600XL 04J15999 Turbidity meter model and serial number LaMotte 05503 2020
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
845	5 / 10	260	8.15	0	0	10.58	927	6.68	-16.0	2.94	72.2	20 PSI
850	5 / 10	380	8.15	0	0	11.07	939	6.55	-20.2	1.54	22.5	22 PSI
855	5 / 10	380	8.15	0	0	11.16	940	6.50	-21.6	1.48	13.9	22 PSI
900	5 / 10	380	8.15	0	0	11.21	938	6.51	-24.3	1.51	8.60	22 PSI
905	5 / 10	380	8.15	0	0	11.24	937	6.52	-27.0	1.39	5.16	22 PSI
910	5 / 10	380	8.15	0	0	11.17	936	6.57	-27.4	1.37	3.82	22 PSI
915	5 / 10	380	8.15	0	0	11.23	936	6.57	-28.9	1.35	2.04	22 PSI
920		Sample										

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/11/10
Field Personnel Kelly A
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 7.13 From:
Pump/Tubing Intake set (ft.): 4" from bottom From:
Sample Designation field sample
1405 Sample Time VSI 650 mDS 6709
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder
Multimeter model and serial number Turbidity meter model and serial number LaMotte 2020 #5503

Well ID : MW-11D
Purging Start Time : 1320
Measured Well Depth (ft.): 36.75
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): >1
Time at Purge Completion: 1330
Signature: [signature]

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1320	10 / 5	—	7.13									Adjusting flowrates to not drawdown
1325	10 / 5	—	7.23	0.10	0.10							Chamber not filled yet for readings
1330	10 / 5	190	7.51	0.28	0.38	10.34	506	6.85	-310	65.5	210	Pressure ~30psi, drop it a bit.
1335	10 / 5	120	7.39	-0.12	0.26	10.62	512	6.44	-276.7	57.3	180	
1340	10 / 5	120	7.41	0.02	0.28	10.54	509	6.31	-268.4	57.3	200	
1345	10 / 5	120	7.40	-0.01	0.27	10.67	509	6.25	-262.1	57.3	160	
1350	10 / 5	120	7.40	-0.00	0.27	10.73	509	6.25	-260.9	57.5	150	
1355	10 / 5	120	7.40	0	0.27	10.70	509	6.25	-259.5	57.5	110	
1400	10 / 5	120	7.40	0	0.27	10.72	508	6.25	-257.8	57.5	100	
1405	10 / 5	120	7.40	0	0.27	10.72	508	6.24	-255.6	57.5	80	= 2.6% turb.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/11/10
Field Personnel Kelly A.
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 6.27 From:
Pump/Tubing Intake set (ft.): 4" from bottom
Sample Designation field sample
Sample Time 1040

Well ID : MW-115 Weather: overcast
Purging Start Time : 0850
Measured Well Depth (ft.): 16.52
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): < 3 gall
Time at Purge Completion: 12:00
Signature: [signature]

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder 15/10/5
Multimeter model and serial number YSI 650MDS #6709 Turbidity meter model and serial number LaMotte 2020 #05503

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
First 5 minutes adjusting flow rate w/ pressure throttle

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	%/mg/L	NTU	
P=20+ 0850	10 / 5		6.27	—	—							chamber is filling, brown water
0855	10 / 5	240	6.15	0.08	0.08	8.76	349	6.89	-357.4	15.3% 1.76mg/L	250	changing flow for drawdown
0900	10 / 5	~120	6.22	0.07	0.15	8.51	349	6.76	-368.2	9.9% 1.14mg/L	140	
0905	10 / 5	120	6.18	-0.04	0.11	8.44	346	6.73	-363.3	8.5% 0.97	110	P = 15 psi
0910	10 / 5	120	6.18	—	0.11	8.28	345	6.72	-366.0	8.4% 0.98	150	a good amount of flock in purge H_2O!
0915	10 / 5	120	6.17	-0.01	0.10	8.24	346	6.73	-356.1	8.0% 0.94	85	less suspended solids in purge H_2O
0920	10 / 5	120	6.18	0.01	0.11	8.19	346	6.75	-362.5	7.8%	65	flock settling in chamber
0925	10 / 5	120	6.19	0.01	0.12	8.25	352	6.78	-372.8	8.5%	45	
0930	10 / 5	120	6.19	0.0	0.12	8.20	354	6.81	-378.1	8.2%	41	
0935	10 / 5	120	6.19	—	0.12	8.18	355	6.83	-381.4	7.7%	33	
0940	10 / 5	120	6.20	0.01	0.13	8.18	359	6.84	-382.1	7.5%	36	
0945	10 / 5	120	6.21	0.01	0.14	8.16	361	6.86	-382.6	7.3%	32	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

0950	10 / 5	110	6.23	0.02	0.16	8.16	364	6.87	-383.4	7.0%	24

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/11/10
Field Personnel: Kelly A.
Well Depth as installed (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____
Depth to GW (ft.): 6.07 From: _____
Pump/Tubing Intake set (ft.): 4" from bottom From: _____
Sample Designation field sample
Sample Time 1040

Well ID : MW-115
Purging Start Time : 0850
Measured Well Depth (ft.): 16.52
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): ~3gal
Time at Purge Completion: 12:00
Signature: K Cantage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder, 15/10/5
Multimeter model and serial number _____ Turbidity meter model and serial number _____
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
0955	10 / 5	110	6.23	-	0.14	8.26	369	6.89	-387.2	6.4%	19	
1000	10 / 5	110	6.23			8.20	372	6.89	-389.4	0.73	16	
1005	10 / 5	110	6.22			8.23	372	6.90	-389.1	0.72	19	
1010	10 / 5	120	6.22			8.21	373	6.90	-393.0	0.68	15	
1015	10 / 5	120	6.30			8.30	382	6.91	-375.0	0.62	12	
1020	10 / 5	110	6.33			8.31	383	6.91	-383.1	0.57	10	
1025	10 / 5	110	6.40			8.30	383	6.92	-388.7	0.56	11	
1030	10 / 5	110	6.45			8.30	384	6.91	-390.8	0.57	11	
1035	10 / 5	110	6.45			8.30	383	6.92	-385.9	0.57	12	
1040	10 / 5	110	6.43			8.30	384	6.91	-386.7	0.56	11	sample collected.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/11/10
Well ID : MW-12 D
Field Personnel L. Cox
Purging Start Time : 14:30
Well Depth as installed (ft.):
Measured Well Depth (ft.):
Screen Length in ft. Screen Depth in ft.
Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 9.94 From:
Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): From:
Total Volume Purged, Including Drawdown (gallons): 10
Sample Designation
Time at Purge Completion: 16:20
Sample Time 16:25
Signature:
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder, 40 psi
Multimeter model and serial number Turbidity meter model and serial number
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1440	8.5 / Disch. 6.5	320	10.01			12.73	408	6.28	-72.1	4.62	74.3	
1450	8.5 / 6.5	320	10.01			12.70	401	6.28	-70.7	4.55	46.2	
1500	8.5 / 6.5	320	10.01			12.70	399	6.27	-69.0	4.66	32.7	
1505	8.5 / 6.5	320	10.01			12.69	400	6.28	-67.2	4.69	26.1	
1510	8.5 / 6.5	320	10.00			12.69	400	6.27	-66.5	4.73	21.4	
1515	8.5 / 6.5	320	10.01			12.67	400	6.27	-65.0	4.77	19.3	Pause to change purge bucket
1520	8.5 / 6.5	320	10.01			12.58	400	6.26	-61.5	4.87	15.2	
1530	8.5 / 6.5	320	10.01			12.68	401	6.28	-61.8	4.98	11.4	
1535	8.5 / 6.5	320	10.02			12.67	401	6.28	-60.2	5.02	11.2	
1540	8.5 / 6.5	320	10.01			12.68	401	6.27	-59.4	5.02	8.66	
1545	8.5 / 6.5	320	10.01			12.67	401	6.26	-58.0	5.02	7.70	
1550	8.5 / 6.5	320	10.01			12.66	402	6.26	-57.0	5.03	7.89	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/11/10
Well ID : MW-12D
Field Personnel L. Cox
Purging Start Time : _____
Well Depth as installed (ft.): _____
Measured Well Depth (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____
Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): _____ From: _____
Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): _____ From: _____
Total Volume Purged, Including Drawdown (gallons): _____
Sample Designation _____
Time at Purge Completion: _____
Sample Time _____
Signature: _____
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____
Multimeter model and serial number _____ Turbidity meter model and serial number _____
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1555	8.5 / 6.5	320	10.02			12.66	402	6.26	-67.3	5.02	5.96	
1600	8.5 / 6.5	320	10.02			12.66	402	6.26	-56.6	4.99	7.46	
1605	8.5 / 6.5	320	10.02			12.66	402	6.27	-55.5	5.03	5.47	
1610	8.5 / 6.5	320	10.02			12.66	402	6.27	-54.1	5.02	4.93	
1615	8.5 / 6.5	320	10.02			12.64	404	6.26	-54.0	5.01	4.68	
1620	8.5 / 6.5	320	10.01			12.63	403	6.27	-53.1	5.04	3.79	
1625	Samples collected											

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/8/10
Field Personnel J. Stewart
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 9.00 From:
Pump/Tubing Intake set (ft.): From:
Sample Designation
Sample Time 1640

Well ID : MW-125
Purging Start Time : 1555
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons):
Time at Purge Completion:
Signature: JSS

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder 20 PSI 10R5D
Multimeter model and serial number YSI 600XL 5704 Turbidity meter model and serial number LaMotte 2020 04426
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
3/8/10 1512 (53) 1600	~~10~~ 12 / ~~8~~ 3	120	9.00	0	0	12.36	2220	7.25	-27.9	2.51	18.1	20 PSI
(55) 1605	~~10~~ 12 / ~~8~~ 3	120	9.00	0	0	12.02	2198	7.17	-89.9	1.39	11.3	20 PSI
(57) 1610	~~10~~ 12 / 3 ~~50~~	120	9.04	0.04	0.04	11.35	2200	7.17	-91.2	0.56	7.30	20 PSI
1615	12 / 3	120	9.05	0.01	0.05	11.04	2204	7.12	-81.7	0.39	6.51	20 PSI
1620	12 / 3	120	9.06	0.01	0.06	10.85	2228	7.04	-74.3	0.57	6.39	20 PSI
1625	12 / 3	120	9.06	0	0.06	10.74	2246	6.95	-65.0	0.57	6.56	20 PSI
1630	12 / 3	120	9.06	0	0.06	10.73	2248	6.91	-58.7	0.40	6.67	20 PSI
1635	12 / 3	120	9.06	0	0.06	10.70	2242	6.87	-55.6	0.52	6.72	20 PSI
1640						Sample						

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2
Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/10/10
Field Personnel Kelly A
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 12.93 From:
Pump/Tubing Intake set (ft.): 4" from bottom From:
Sample Designation field sample
Sample Time 1155

Well ID : MW-13
Purging Start Time : 10:00
Measured Well Depth (ft.): 24
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No 1hr 50min
Total Volume Purged, Including Drawdown (gallons): 5gall
Time at Purge Completion: 1240
Signature: [signature]

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder Pressure +20psi, 10/5
Multimeter model and serial number YSI 650 MDS Turbidity meter model and serial number LaMotte 2020

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.) Page 1 of 2

house #149 is unoccupied
new tubing in well - previous tubing was too short (by about 5ft)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
10:00	10 / 5		12.93	—	—							P=20psi
1005	10 / 5	280	13.07	0.06	0.06	11.54	297	6.02	-279.3		1000	DO=69.9%, 7.59 mg/L
1010	10 / 5	160	13.05	-0.02	0.04	11.53	296	5.69	-281.6		700	69.4%, 7.58 mg/L
1015	10 / 5	180	13.07	+.02	0.06	11.46	297	5.56	-267.5		400	69.3%, 7.60 mg/L
1020	10 / 5	180	13.07	—	0.06	11.40	297	5.54	-261.2		340	70.7%, 7.68 mg/L
1025	10 / 5	180	13.07	—	0.06	11.43	297	5.54	-258.2		250	71.5%, 7.75 mg/L
1030	10 / 5	180	13.07	—	0.06	11.47	295	5.57	-255.1		180	72.7%, 7.89 mg/L
1035	10 / 5	180	13.07	—	0.06	11.45	294	5.57	-250.5		140	73.9%, 8.12 mg/L
1040	10 / 5	180	13.07	—	0.06	11.47	292	5.57	-247.3		100	75.2%, 8.18 mg/L
1045	10 / 5	180	13.07	—	0.06	11.40	293	5.58	-245.2		95	75.1%, 8.20 mg/L
1050	10 / 5	180	13.07	—	0.06	11.52	294	5.59	-241.4		75	75.7%, 8.34 mg/L
1055												get more log sheets

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

Nobis Engineering, Inc. nobisengineering.com

Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Page: 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 3/10/10
Field Personnel Kelly A
Well Depth as installed (ft.): 24 ± 2ma
Screen Length in ft. _____ Screen Depth in ft. _____
Depth to GW (ft.): 12.93 From: _____
Pump/Tubing Intake set (ft.): 4" from bottom From: _____
Sample Designation field sample
Sample Time 1155

Well ID : MW-13
Purging Start Time : 10:00
Measured Well Depth (ft.): 24 - log 3/8/10
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No 1hr 50min
Total Volume Purged, Including Drawdown (gallons): 5 gallons
Time at Purge Completion: 1240
Signature: K Dunlap

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder, pressure +20psi, 10/5
Multimeter model and serial number YSI 650 MDS Turbidity meter model and serial number LaMotte 2020

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
New tubing in well Page 2 of 2
#149 unoccupied residence

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/g	NTU	
1100	10 / 5	180	13.07	—	0.06	11.42	293	5.61	-236	.1	37	DO=77.7%, 8.48mg/L
1105	10 / 5	180	13.07	—	0.06	11.36	293	5.60	-236	.0	33	78.1%, 8.63mg/L
1110	10 / 5	180	13.07	—	0.06	11.38	294	5.61	-233	.6	25	79.9%, 8.82mg/L
1115	10 / 5	180	13.07	—	0.06	11.48	294	5.62	-233	.7	21	81.8%, 8.78mg/L
1120	10 / 5	180	13.07	—	0.06	11.51	295	5.63	-232	.8	18	80.9%, 8.90mg/L
1125	10 / 5	180	13.07	—	0.06	11.53	294	5.62	-230	.9	13	82.6%, 9.00mg/L
1130	10 / 5	180	13.07	—	0.06	11.55	293	5.62	-226	.9	14	82.9%, 9.02mg/L
1135	10 / 5	180	13.07	—	0.06	11.53	292	5.59	-225	.6	10	83.9%, 9.14mg/L
1140	10 / 5	180	13.07	—	0.06	11.53	292	5.59	-224	.6	9.4	86.5%, 9.51mg/L
1145	10 / 5	180	13.07	—	0.06	11.55	292	5.60	-224	.	6.7	85.8%, 9.38mg/L
1150	10 / 5	180	13.07	—	0.06	11.48	293	5.60	-222	.1	10	86.6%, 9.44mg/L
1155	10 / 5	180	13.07	—	0.06							Samples collected

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 6/25/10 Page 1 of 2 **Well ID :** MW-1
Field Personnel K Armitage Purging Start Time : 907
Well Depth as installed (ft.): 13 Measured Well Depth (ft.): 12.37
Screen Length in ft. 10 Screen Depth in ft. 3-13 Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 3.03 From: PVC Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): 8 to top of bladder PVC Total Volume Purged, Including Drawdown (gallons): 2.5
Sample Designation field sample; Time at Purge Completion: 1205
Sample Time 1030 Signature: K Armitage
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 5/10 P = 10 psi
Multimeter model and serial number YSI 65 MDS 12629 Turbidity meter model and serial number LaMotte 2020e 10563
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
back pack unit.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	~~ml/min~~	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0910	5 / 10	~~3.14~~	3.14	0.11	0.11	14.27	283	5.82	213.0	9.92	NR	Purge rate = 160 mL/min, P = 10 psi
0915	5 / 10	160	3.13	-0.01	0.10	14.19	282	5.80	215.2	9.82	265	very cloudy purge water.
0920	5 / 10	160	3.12	-0.01	0.09	14.19	282	5.80	216.1	9.75	158	
0925	5 / 10	160	3.12	0	0.09	14.04	283	5.82	217.0	9.85	86.2	
0930	5 / 10	160	3.12	0	0.09	14.11	283	5.82	215.4	9.83	82.2	
0935	5 / 10	160	3.12	0	0.09	14.01	285	5.81	~~211.1~~	9.96	50.6	KMA ORP 214.1 mV
0940	5 / 10	160	3.12	0	0.09	14.06	284	5.81	214.5	9.98	34.3	
0945	5 / 10	160	3.12	0	0.09	14.09	285	5.81	213.6	10.11	32.4	
0950	5 / 10	160	3.12	0	0.09	14.16	284	5.83	213.8	10.18	26.5	
0955	5 / 10	160	3.11	-0.01	0.08	14.11	283	5.81	~~214.8~~	10.22	17.9	212.8 mV = ORP KMA.
1000	5 / 10	160	3.11	0	0.08	14.25	283	5.82	213.2	10.28	15.8	cell and tubing covered from sun.
1005	5 / 10	160	3.11	0	0.08	14.41	282	5.80	214.5	10.35	12.7	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

KMA

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 2/25/10 Page 2 of 2 **Well ID :** MW-1

Field Personnel K. Armitage Purging Start Time : _____

Well Depth as installed (ft.): _____ Measured Well Depth (ft.): _____

Screen Length in ft. _____ Screen Depth in ft. _____ Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): _____ From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): _____

Sample Designation _____ Time at Purge Completion: _____

Sample Time _____ Signature: KArmitage

See Page 1

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____

Multimeter model and serial number _____ Turbidity meter model and serial number _____

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1010	5 / 10	160	3.11	0	0.08	14.37	282	5.80	214.4	10.41	11.1	
1015	5 / 10	160	3.11	0	0.08	14.41	282	5.80	213.7	10.42	9.01	
1020	5 / 10	160	3.11	0	0.08	14.44	282	5.79	214.9	10.45	8.78	
1025	5 / 10	160	3.11	0	0.08	14.45	282	5.78	215.6	10.43	8.43	
1030	5 / 10	160	3.11	0	0.08						KMA	Collect Sample.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6-23-10 Page 1 of 2

Field Personnel Ken Marks

Well Depth as installed (ft.): 15

Screen Length in ft. 10 Screen Depth in ft. 5-15

Depth to GW (ft.): ~~6.34~~ 3.34 From: 5

Pump/Tubing Intake set (ft.): 10 From: 15

Sample Designation 80018-GW-MW25-0610

Sample Time 1040

Well ID: MW-25

Purging Start Time: 0915

Measured Well Depth (ft.):

Parameter Stabilization: (Circle) Yes No

Two Hour Time Limit Reached ? (Circle) Yes / No

Total Volume Purged, Including Drawdown (gallons): 4

Time at Purge Completion: 1035

Signature: Ken Marks

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments)

Multimeter model and serial number YSI 650 MDS # 5732 Turbidity meter model and serial number LaMotte 2020 # 10416

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Page #1 of 2

Clock Time	Discharge / Refill / Pump Setting PSI=20	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0925	10.0 / 5.0	280	3.85	0.51	–	15.25	1.029	6.31	-71.2	1.47	101	Purge water cloud light orange
0930		280	3.89	0.04	0.55	15.16	1.026	6.12	-66.4	0.18	139	No odor.
0935		280	3.89	0.0	0.55	15.02	1.025	6.20	-73.7	0.13	99.8	This well is in very good
0940		280	3.89	0.0	0.55	15.13	1.030	6.25	-77.7	0.13	85.6	condition.
0945		280	3.89	0.0	0.55	15.03	1.031	6.28	-79.1	0.15	68.2	Purge water slightly cloudy. No odor.
0950		280	3.89	0.0	0.55	15.12	1.027	6.28	-78.9	0.16	51.3	
0955		280	3.89	0.0	0.55	15.15	1.025	6.29	-80.1	0.18	44.7	
1000		280	3.89	0.0	0.55	15.15	1.023	6.24	-79.2	0.19	39.5	
1005		280	3.89	0.0	0.55	15.17	1.029	6.20	-78.9	0.19	37.1	
1010		280	3.89	0.0	0.55	15.23	1.028	6.18	-78.4	0.18	28.7	
1015		280	3.89	0.0	0.55	15.25	1.028	6.15	-78.2	0.18	23.6	
1020		280	3.89	0.0	0.55	15.26	1.027	6.13	-78.0	0.17	21.9	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6-23-10 Page 2 of 2 Well ID: MW-23

Field Personnel Ken Marks

Purging Start Time:

Well Depth as installed (ft.):

Measured Well Depth (ft.):

Screen Length in ft. Screen Depth in ft.

Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): From:

Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From:

Total Volume Purged, Including Drawdown (gallons):

Sample Designation

Time at Purge Completion:

Sample Time 1040

Signature: Ken Marks

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments)

Multimeter model and serial number Turbidity meter model and serial number

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Well info see page #1

Clock Time	Discharge / Refill / Pump Setting PSI=20	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1025 ~~1020~~	10 5	280	3.89	0.0	0.55	15.07	1.027	6.14	-78.1	0.17	19.1	Page 2 of 2
1030 ~~1025~~		280	3.89	0.0	0.55	15.08	1.028	6.19	-79.1	0.15	20.5	
1035 ~~1030~~		280	3.89	0.0	0.55	15.10	1.028	6.18	-79.1	0.14	20.1	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Attachment B, Page 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6-25-10 Page 1 of 2

Field Personnel Ken Marks

Well Depth as installed (ft.): 70

Screen Length in ft. 15 Screen Depth in ft.

Depth to GW (ft.): 11.96 From: 55

Pump/Tubing Intake set (ft.): 62.5 From: 70

Sample Designation

Sample Time 1030

Well ID: MW-3B

Purging Start Time: 0850

Measured Well Depth (ft.):

Parameter Stabilization: (Circle) Yes / No

Two Hour Time Limit Reached ? (Circle) Yes / No

Total Volume Purged, Including Drawdown (gallons): 4

Time at Purge Completion: 1025

Signature: Ken Marks

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder Pump

Multimeter model and serial number YSI 650 MDS #5732 Turbidity meter model and serial number LaMotte 2020 #08545

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

This well is in good condition. No Screen and is a 15 ft long open core hole in Bedrock

Page #1 of 2

Clock Time	Discharge / Refill / Pump Setting PSI=40	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0900	5 / 10	200	12.01	0.05	–	12.79	0.316	8.81	279.2	2.66	36.9	Purge water slightly cloudy
0905		200	12.00	0.0	0.04	12.34	0.318	8.98	290.1	2.11	23.7	No odor.
0910		200	12.00	0.0	0.04	12.61	0.318	9.10	307.1	1.52	19.6	
0915		200	12.00	0.0	0.04	12.87	0.320	9.29	312.2	1.17	15.2	
0920		200	12.00	0.0	0.04	13.00	0.324	9.35	320.1	1.09	15.2	
0925		200	12.00	0.0	0.04	13.11	0.330	9.32	331.1	1.27	16.8	
0930		200	12.00	0.0	0.04	13.22	0.334	9.16	339.7	1.38	15.5	
0935 ~~0937~~		200	12.00	0.0	0.04	13.30	0.340	8.87	351.8	1.57	14.2	
0940 ~~0937~~		200	12.02	0.01	0.05	13.48	0.343	8.71	357.1	1.61	13.1	
0945		200	12.01	0.0	0.04	13.59	0.348	7.27	391.7	1.64	11.9	
0950		200	12.01	0.0	0.04	13.65	0.348	7.24	394.9	1.65	10.3	
0955						13.71	0.349	7.37	397.8	1.67	8.51	Purge water clear. No odor.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6-25-10 Page 2 of 2 Well ID: MW-3B

Field Personnel Ken Marks

Well Depth as installed (ft.):

Screen Length in ft. Screen Depth in ft.

Depth to GW (ft.): From:

Pump/Tubing Intake set (ft.): From:

Sample Designation

Sample Time 1030

Purging Start Time:

Measured Well Depth (ft.):

Parameter Stabilization: (Circle) Yes / No

Two Hour Time Limit Reached ? (Circle) Yes / No

Total Volume Purged, Including Drawdown (gallons):

Time at Purge Completion:

Signature: Ken Marks

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments)

Multimeter model and serial number Turbidity meter model and serial number

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Well info See page#1

Clock Time	Discharge / Refill / Pump Setting PSI= 4	Purge Rate	Depth to Water	Draw down	Cum. Draw duwn	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1000	5 / 10	200	12.01	0.0	0.04	13.86	0.350	7.63	400.3	1.67	8.33	Page #2 of 2
1005	5 / 10	200	12.01	0.0	0.04	13.94	0.351	7.71	401.6	1.69	6.39	Purge Water clear. No odor.
1010	5 / 10	200	12.01	0.0	0.04	13.97	0.353	7.84	403.7	1.74	6.11	
1015	5 / 10	200	12.01	0.0	0.04	13.99	0.354	7.51	408.7	1.74	6.10	
1020	5 / 10	200	12.01	0.0	0.04	14.01	0.354	7.48	410.1	1.73	6.06	
1025	5 / 10	200	12.01	0.0	0.04	14.07	0.355	7.45	411.2	1.74	6.01	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010
Attachment B, Page 1 of 1
Rev.: 2
Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6-24-10 Page 1 of 1 Well ID: MW-3D
Field Personnel Ken Marks Purging Start Time: 0900
Well Depth as installed (ft.): 51 Measured Well Depth (ft.):
Screen Length in ft. 5 Screen Depth in ft. 51 Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 10.93 From: 46 Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): 48.5 From: 51 Total Volume Purged, Including Drawdown (gallons): 5
Sample Designation Time at Purge Completion: 1000
Sample Time 1005 Signature: Ken Marks
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments)
Multimeter model and serial number YSI 650 MDS #5732 Turbidity meter model and serial number LaMotte 2020 #10416
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
This well is good condition.

Clock Time	Discharge / Refill / Pump Setting PSI=38	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0910	5 / 10	300	11.01	0.08	–	13.17	0.473	6.70	291.4	5.47	89.6	Purge water cloudy grayish
0915		300	11.00	0.07	0.07	12.40	0.480	6.26	323.7	4.37	77.9	No odor.
0920		300	11.00	0.0	0.07	12.44	0.477	6.06	349.8	4.20	40.5	
0925		300	11.00	0.0	0.07	12.55	0.477	6.01	368.1	4.08	30.0	
0930		300	11.00	0.0	0.07	12.41	0.478	5.99	376.2	4.04	25.2	
0935		300	11.00	0.0	0.07	12.43	0.477	5.97	381.4	4.00	20.1	
0940		300	11.00	0.0	0.07	12.51	0.478	5.92	390.4	3.93	13.8	Purge water clear. No odor.
0945		300	11.00	0.0	0.07	12.55	0.477	5.79	399.0	3.88	7.09	
0950		300	11.00	0.0	0.07	12.52	0.477	5.74	404.1	3.81	4.97	
0955		300	11.00	0.0	0.07	12.39	0.478	5.77	405.9	3.77	4.71	
1000		300	11.00	0.0	0.07	12.37	0.479	5.75	406.1	3.77	4.11	
						Ken Marks						

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6-24-10 Page 1 of 1 Well ID: MW-35
Field Personnel Ken Marks Purging Start Time: 1150
Well Depth as installed (ft.): 17 Measured Well Depth (ft.):
Screen Length in ft. 10 Screen Depth in ft. Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 11.08 From: 7 Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): 12 From: 17 Total Volume Purged, Including Drawdown (gallons): 5
Sample Designation Time at Purge Completion: 1245
Sample Time 1250 Signature: Ken Marks
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder pump
Multimeter model and serial number YSI 650 MDS # 5732 Turbidity meter model and serial number LaMotte 2020 # 10416
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
This well is good condition.

Clock Time	Discharge / Refill / Pump Setting PSI = 20	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1200	5 / 10	320	11.10	0.02	—	12.43	0.894	5.63	-87.3	1.84	11.7	Purge water slightly cloudy
1205		320	11.08	0.0	0.0	11.85	0.845	5.27	-72.8	1.12	9.29	No odor.
1210		320	11.08	0.00	0.0	11.52	0.811	5.02	-63.7	1.01	9.73	
1215		320	11.08	0.0	0.0	11.51	0.776	4.91	-57.7	0.50	6.11	
1220		320	11.08	0.0	0.0	11.63	0.760	4.86	-57.3	0.31	5.25	Purge water clear. No odor.
1225		320	11.08	0.0	0.0	11.37	0.754	5.01	-59.6	0.22	4.57	
1230		320	11.08	0.0	0.0	11.48	0.750	5.05	-60.5	0.21	3.51	
1235		320	11.08	0.0	0.0	11.41	0.748	5.13	-61.2	0.20	3.11	
1240		320	11.08	0.0	0.0	11.44	0.747	5.19	-61.9	0.19	2.72	
1245		320	11.08	0.0	0.0	11.34	0.745	5.20	-62.2	0.19	2.69	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 6/23/10 Page 1 of 1 **Well ID :** MW-4D.
Field Personnel Kelly Armitage Purging Start Time : 0935
Well Depth as installed (ft.): 45 Measured Well Depth (ft.):
Screen Length in ft. 5 Screen Depth in ft. 40-45 Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): ~~12.98~~ 12.18 From: PVC Two Hour Time Limit Reached ? (Circle) Yes / (No)
Pump/Tubing Intake set (ft.): 41.5 to top ~~from~~: bladder pump Total Volume Purged, Including Drawdown (gallons): 7.5
Sample Designation field sample; Time at Purge Completion: ~~7.5 ga~~ 1050
Sample Time 1050 Signature: KArmitage
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 5/10 p= 50psi
Multimeter model and serial number YSI 650 MDS 12629 Turbidity meter model and serial number Lamotte 2020e 10563.
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

The tubing is at a crucial depth. For sampling suggest adding tubing to the outlet to make it easier to sample. 9/16" bolts. Needs 2 & rethreading.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0945	5/10	360	12.24	0.06	0.06	13.98	273	6.02	186.7	6.94	102.4	Pressure = 50psi
0950	5/10	360	~~13.89~~	0	0.06	13.92	271	5.89	192.6	7.17	58.6	
0955	5/10	360	12.24	0.0	0.06	13.86	271	5.89	191.8	7.28	32.6	
1000	5/10	360	12.22	-0.02	0.04	13.85	270	5.86	196.8	7.28	33.3	
1005	5/10	360	12.23	0.01	0.05	13.83	270	5.87	198.7	7.28	27.2	
1010	5/10	360	12.23	0.0	0.05	13.96	270	5.85	199.4	7.30	25.8	Sun out (cell is covered)
1015	5/10	360	12.24	0.01	0.06	13.88	270	5.80	202.9	7.31	24.5	overcast again/breezy.
1020	5/10	360	12.24	0	0.06	13.86	270	5.81	203.6	7.33	24.8	
1025	5/10	360	12.23	-0.01	0.05	13.82	270	5.82	201.8	7.35	21.9	
1030	5/10	360	12.23	0	0.05	13.78	270	5.84	202.5	7.37	19.9	
1035	5/10	360	12.23	0	0.05	13.77	270	5.83	202.0	7.42	19.5	
1040	5/10	360	12.23	0	0.05	13.75	270	5.81	202.8	7.43	18.9	
1045	5/10	360	12.23	0	0.05	13.78	270	5.82	202.2	7.44	17.8	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

1120 Complete sample collection

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/22/10 Page 1 of 1 Well ID: MW-45
Field Personnel: Kelley Armitage Purging Start Time: 1445
Well Depth as installed (ft.): Measured Well Depth (ft.):
Screen Length in ft. 10 Screen Depth in ft. 6-16 Parameter Stabilization: (Circle) Yes No
Depth to GW (ft.): 12.01 From: PVC Two Hour Time Limit Reached ? (Circle) Yes No
Pump/Tubing Intake set (ft.): 13.9 From: PVC Total Volume Purged, Including Drawdown (gallons): ~3 gall.
Sample Designation field sample, Time at Purge Completion: 15:45
Sample Time 1545 Signature: K Armitage
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 5/10 P=15psi
Multimeter model and serial number YSI 650 MDS 12629 Turbidity meter model and serial number Lamotte 2020e 10563
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
Equipment #s are Pine ID #s.
New tubing installed.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1455	5 10	200	12.03	0.02	0.02	15.32	378	5.90	157.1	1.14	70.8	P=15psi
1500	5 10	200	12.03	0.02	0.02	14.78	376	5.95	140.2	0.78	29.3	
1505	5 10	200	12.04	0.01	0.03	14.65	375	5.95	136.3	0.71	31.1	
1510	5 10	200	12.04	0.0	0.03	14.56	374	5.95	132.6	0.68	19.9	
1515	5 10	200	12.04	0.0	0.03	14.50	374	5.98	131.6	0.69	11.5	
1520	5 10	200	12.04	0.0	0.03	14.45	374	6.00	133.7	0.66	9.61	
1525	5 10	200	12.04	0.0	0.03	14.38	373	6.02	133.5	0.60	7.47	
1530	5 10	200	12.04	0.0	0.3	14.37	373	6.03	133.3	0.58	6.13	
1535	5 10	200	12.04	0.0	0.3	14.40	372	6.04	133.8	0.56	4.54	
1540	5 10	200	12.04	0.0	0.3	14.41	372	6.03	134.2	0.59	3.89	
1545											KMA	Collect sample
1540											KMA	Complete sample collection

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/24/10 Page 1 of 1 Well ID: MW-5
Field Personnel: R. Armitage Purging Start Time: 0920
Well Depth as installed (ft.): 18 Measured Well Depth (ft.):
Screen Length in ft. 10 Screen Depth in ft. 8-18 Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 10.09 From: PVC Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): 13.00 top of bladder From: PVC Total Volume Purged, Including Drawdown (gallons): 3.5
Sample Designation field sample, Time at Purge Completion: 1115
Sample Time 1030 Signature: R. Armitage
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) .5/10, P = 12psi
Multimeter model and serial number YSI 650MDS, 12629 Turbidity meter model and serial number LaMottee 2020e 10563
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
Starting pressure = 15psi to get initial water to draw up and into cell.
Needs 1 bolt = 9/16"

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0930	5 / 10	200	10.18	0.09	0.09	15.45	519	5.84	39.1	0.76	61.8	P ≅ 12psi
0935	5 / 10	200	10.18	0	0.09	15.26	~~512~~	5.85	34.6	0.65	42.8	Sp Cond = 512 µS/cm
0940	5 / 10	200	10.18	0	0.09	15.27	507	5.92	31.5	0.57	19.6	
0945	5 / 10	200	10.18	0	0.09	15.19	506	5.98	33.1	0.53	16.9	
0950	5 / 10	200	10.18	0	0.09	15.18	505	5.97	31.2	0.50	15.8	
0955	5 / 10	200	10.18	0	0.09	15.18	504	5.99	35.3	0.49	13.0	
1000	5 / 10	200	10.18	0	0.09	15.19	505	6.00	32.4	0.48	9.63	
1005	5 / 10	200	10.18	0	0.09	15.20	507	5.98	33.8	~~0.46~~	8.26	0.47 mg/L
1010	5 / 10	200	10.18	0	0.09	15.31	508	5.95	33.1	0.45	7.42	
1015	5 / 10	200	10.18	0	0.09	15.28	508	5.94	33.2	0.45	6.03	
1020	5 / 10	200	10.18	0	0.09	15.33	507	5.93	34.5	0.45	5.19	
1025	5 / 10	200	10.18	0	0.09	15.35	508	5.92	35.4	0.44	4.13	←

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/22/2010 Page 1 of 2
Field Personnel: Heidi Borchers
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 7.06 From:
Pump/Tubing Intake set (ft.): From:
Sample Designation
Sample Time 1100

Well ID: MW-6D (Dup)
Purging Start Time: 0925
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 5
Time at Purge Completion: 1245
Signature:

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) ~~Peristaltic~~ Bladder pump - 20 psi D.S: 5 rech. 10
Multimeter model and serial number YSI 600XL #01-60629 Turbidity meter model and serial number LaMotte 2020e # 11297 - 25 psi
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)
MS

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0935	5 / 10	140	7.80	0.74	0.00	15.36	87	6.12	214.8	7.53	8.79	25 psi
0940		300	8.76	1.70	0.96	14.02	81	6.63	350.2	6.57	12.10	30 psi
0945		100	8.80	1.74	0.04	14.34	81	5.53	258.0	5.83	12.90	22 psi
0950		200	8.85	1.79	0.05	14.18	89	5.67	257.4	5.45	16.80	21 psi
0955			8.89	1.83	0.04	13.88	91	5.72	259.6	5.73	14.70	21 psi
1000			~~8.76~~ 8.86	~~1.70~~	0.03	14.09	93	5.80	259.9	5.80	17.1	21 psi
1005			8.89	1.83	0.03	14.09	304	6.25	252.3	4.46	20.2	*Note spike in conductivity. 21 psi
1010			8.90	1.84	0.01	14.21	340	6.52	253.3	4.21	23.6	21 psi
1015			8.86	1.80	0.04	14.25	353	6.74	258.2	3.89	19.2	21 psi
1020			8.86	1.80	0.00	14.28	356	6.81	263.6	3.72	17.3	
1025			8.86	1.80	0.00	14.30	357	6.82	269.2	3.55	13.8	
1030	5 / 10	200	8.86	1.80	0.00	14.22	358	6.87	274.4	3.43	13.6	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : _____ Page 2 of 2

Well ID : MW-6D - Dup

Field Personnel _____

Purging Start Time : 0925

Well Depth as installed (ft.): _____

Measured Well Depth (ft.): _____

Screen Length in ft. _____ Screen Depth in ft. _____

Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 7.06 From: _____

Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): _____ From: _____

Total Volume Purged, Including Drawdown (gallons): _____

Sample Designation _____

Time at Purge Completion: _____

Sample Time _____

Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____

Multimeter model and serial number _____ Turbidity meter model and serial number _____

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1035	5 10	200	8.86	1.80	0.00	14.17	359	6.88	282.2	3.32	11.5	21 psi
1040			8.86	1.80	0.00	14.27	360	6.86	290.2	3.24	14.1	
1045			8.86	1.80	0.00	14.19	361	6.87	294.4	3.20	11.9	
1050			8.86	1.80	0.00	14.12	362	6.87	297.4	3.17	12.1	
1055			8.86	1.80	0.00	14.18	363	6.85	303.7	3.12	12.3	
1100												Sampled @ 1100

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

1025

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/22/2010 Page 1 of 2 Well ID: MW-65
Field Personnel: Heidi Borchers Purging Start Time: 1449
Well Depth as installed (ft.): Measured Well Depth (ft.):
Screen Length in ft. Screen Depth in ft. Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 8.80 From: Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): From: Total Volume Purged, Including Drawdown (gallons): ~4
Sample Designation Time at Purge Completion: ~~1620~~ 1720 (HW)
Sample Time 1630 Signature:
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder 115-23psi) dis. 5 rech. 10
Multimeter model and serial number YSI 600 XL-B-M # 06L0629 Turbidity meter model and serial number LaMotte 2020 e # 11297
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1500	5 10	300	9.90	1.10	0.00	13.94	759	6.08	-64.2	2.62	17.9	Purge water clear / 23 psi
1505		300	9.99	1.19	0.09	14.28	796	6.12	-114.7	1.83	20.5	20 psi - keep turning press. down
1510		150	9.68	0.88	0.31	14.64	821	6.21	-118.2	1.59	25.9	(15 psi) Sulfur - (egg) smell present in water
1515		170	9.99	1.19	0.31	13.64	844	6.21	-120.5	1.12	9.89	15 psi
1520			10.04	1.24	0.05	14.27	859	6.28	-119.1	1.01	9.17	
1525			9.90	1.10	0.14	14.25	857	6.29	-125.1	0.92	13.3	
1530			9.85	1.05	0.05	14.12	863	6.22	-111.5	0.80	9.10	
1535		160	9.82	1.02	0.03	14.21	863	6.33	-111.4	0.76	7.83	
1540			9.79	0.99	0.03	14.24	862	6.34	-64.7	0.75	5.66	
1545			9.70	0.90	0.09	14.26	878	5.85	-70.6	0.74	7.84	
1550			9.70	0.90	0.00	14.26	878	5.85	-70.6	0.74	NA	YSI stopped/froze @ 1550
1600 ~~1555~~			9.62	0.82	0.12	14.30	862	6.38	-92.3	0.77	7.32	- restarted @ 1600

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

Note: Ants / Ant colony was found inside well / road box - J Plug kept out most dirt, but (~1 kg) ~~large~~ amount of dirt was removed so it would not ~~to~~ fall into well sampling

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 6/22/10 Page 2 of 2 Well ID : MW-6S

Field Personnel

Purging Start Time : 1449

Well Depth as installed (ft.):

Measured Well Depth (ft.):

Screen Length in ft. Screen Depth in ft.

Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 8.80 From:

Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From:

Total Volume Purged, Including Drawdown (gallons):

Sample Designation

Time at Purge Completion:

Sample Time

Signature:

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments)

Multimeter model and serial number Turbidity meter model and serial number

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1605	5 10	170	9.64	0.84	0.02	14.28	861	6.42	-88.6	0.79	6.62	
1610			9.63	0.83	0.01	14.38	860	6.35	-83.1	0.79	7.76	
1615			9.59	0.79	0.04	14.41	857	6.35	-84.5	0.81	4.94	
1620			9.59	0.79	0.00	14.33	855	6.37	-82.4	0.83	3.90	
1625			9.55	0.75	0.04	14.34	855	6.37	-78.8	0.84	3.01	
1630												Sample collected @ 1630
1635												
1640												

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/24/2010 Page 1 of 2 Well ID: MW-74D MW-70
Field Personnel: Heidi Borchers Purging Start Time: 1130
Well Depth as installed (ft.): Measured Well Depth (ft.): 0
Screen Length in ft. Screen Depth in ft. Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 9.06 From: Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): From: Total Volume Purged, Including Drawdown (gallons): 4
Sample Designation Time at Purge Completion: 1339
Sample Time 1300 Signature:
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder - 40 psi dis. 5 rech. 10
Multimeter model and serial number YSI 600 XL #06F2353 Turbidity meter model and serial number LaMotte 2020e #11297
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1140	5 10	170	9.23	0.17	0.00	16.23	332	7.42	66.7	2.95	302	Purge water milky / almost clear 40psi
1145		210	9.20	0.14	0.03	15.29	327	7.37	77.6	2.59	203	40 psi
1150			9.28	0.22	0.08	14.84	325	7.43	76.0	2.49	176	
1155			9.30	0.24	0.02	14.71	323	7.46	68.1	2.43	144	
1200			9.30	0.24	0.00	14.79	318	7.48	18.5	2.33	104.5	
1205			9.30	0.24	0.00	14.54	317	7.50	-20.7	2.28	86.6	
1210			9.30	0.24	0.00	14.54	319	7.53	-23.2	2.30	85.8	
1215			9.30	0.24	0.00	14.64	319	7.58	-18.4	2.33	71.6	
1220			9.31	0.25	0.01	14.49	319	7.61	-17.8	2.35	62.7	
1225			9.30	0.24	0.01	14.40	320	7.62	-6.7	2.35	49.0	
1230			9.30	0.24	0.00	14.54	320	7.64	-0.5	2.38	44.9	
1235			9.29	0.22	0.02	14.35	320	7.66	4.7	2.39	39.3	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : _____ Page 2 of 2 Well ID : MW-7D

Field Personnel Heidi Berg

Well Depth as installed (ft.): _____ Purging Start Time : 1130

Screen Length in ft. _____ Screen Depth in ft. _____ Measured Well Depth (ft.): _____

Depth to GW (ft.): 9.06 From: _____ Parameter Stabilization: (Circle) Yes / No

Pump/Tubing Intake set (ft.): _____ From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No

Sample Designation _____ Total Volume Purged, Including Drawdown (gallons): _____

Sample Time _____ Time at Purge Completion: _____

Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____

Multimeter model and serial number _____ Turbidity meter model and serial number _____

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1240	5 10	210	9.30	0.24	0.02	14.32	320	7.67	9.7	2.40	32.2	
1245			9.30	0.24	0.00	14.25	320	7.70	20.6	2.42	34.8	
1250			9.30	0.24	0.00	14.23	320	7.70	24.7	2.43	36.2	
1255			9.30	0.24	0.00	14.22	319	7.70	27.1	2.44	30.6	
1300												Sampled @ 1300

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin HWB

Date: 6/24/2010 Page 1 of 1
Field Personnel: Heidi Borchers
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): 8.30 From:
Pump/Tubing Intake set (ft.): From:
Sample Designation
Sample Time 1010

Well ID: MW-7D S
Purging Start Time: 0921
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 4
Time at Purge Completion: 1045
Signature:

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder - 15 psi dis. - 5 rech. - 10
Multimeter model and serial number YSI 600 # 06F2353 Turbidity meter model and serial number LaMotte 2020e # 11297
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
*0935	5 10	290	8.40	0.10	0.00	15.41	697	6.38	71.2	0.97	8.44	*Sonde malfunctioning - fixed - 15 psi - (set at)
0940		290	8.40	0.10	0.00	15.20	700	6.26	55.7	0.59	7.28	
0945			8.40	0.10	0.00	14.88	703	6.25	46.9	0.46	3.48	
0950			8.40	0.10	0.00	14.97	703	6.26	40.4	0.41	2.81	
0955			8.40	0.10	0.00	15.02	704	6.27	35.6	0.37	2.03	
1000			8.40	0.10	0.00	15.01	705	6.27	30.4	0.34	1.34	
1005			8.40	0.10	0.00	15.00	706	6.27	26.3	0.31	1.11	
1010												Sampled @ 10:10

d - start monitoring ~0935. (FAULTY CONNECTION).

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6-22-10 Page 1 of 2

Field Personnel Ken Marks

Well Depth as installed (ft.): 49

Screen Length in ft. 10 Screen Depth in ft. 49

Depth to GW (ft.): 12.24 From: 39

Pump/Tubing Intake set (ft.): 44 From: 49

Sample Designation

Sample Time 1345

Well ID: MW-8D

Purging Start Time: 1220

Measured Well Depth (ft.):

Parameter Stabilization: (Circle) Yes / No

Two Hour Time Limit Reached ? (Circle) Yes / No

Total Volume Purged, Including Drawdown (gallons): 6

Time at Purge Completion:

Signature: Ken Marks

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder pump

Multimeter model and serial number YSI 650 MDS #5732 Turbidity meter model and serial number Lamotte 2020 #10461

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Road box bolts are broken off in road box. Cover fits good on road box. Well in good condition.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
	PSI=39											
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1230	8.0 / 7.0	350	12.37	N/A	N/A	13.12	485	5.18	339.4	4.84	74.5	DTW 12.37 with pump instaled.
1235		350	12.37			12.90	485	4.97	354.7	4.49	50.8	Purge water slightly cloudy No odor
1240		350	12.37			12.82	491	4.69	383.2	4.41	35.7	
1245		350	12.37			12.84	493	4.63	390.0	4.39	31.9	
1250		350	12.37			12.77	497	4.61	402.9	4.40	20.4	
1255		350	12.37			12.79	499	4.61	408.2	4.40	15.2	Purge water clear No odor
1300		350	12.37			12.75	~~464~~ 503	4.58	415.0	4.43	12.5	S.Cond = 503
1305		350	12.37			12.80	505	4.64	419.3	4.45	10.11	Purge water clear. No odor.
1310		350	12.37			12.88	506	4.76	422.2	4.45	7.71	
1315		350	12.37			12.81	508	4.82	426.3	4.48	5.88	
1320		350	12.37			12.74	509	4.91	429.3	4.47	5.01	
1325		350	12.37			12.78	511	5.02	431.8	4.48	4.97	Page #1 of 2

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6-22-10 Page 2 of 2 Well ID: MW-8D

Field Personnel Ken Marks

Purging Start Time: _____

Well Depth as installed (ft.): _____

Measured Well Depth (ft.): _____

Screen Length in ft. _____ Screen Depth in ft. _____

Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): _____ From: _____

Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): _____ From: _____

Total Volume Purged, Including Drawdown (gallons): _____

Sample Designation _____

Time at Purge Completion: _____

Sample Time 1345

Signature: Ken Marks

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____

Multimeter model and serial number _____ Turbidity meter model and serial number _____

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

See field well info on page #1

Clock Time	Discharge / Refill / Pump Setting PSI=39	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1330	8.0 / 7.0	350	12.37	-	-	12.70	512	5.11	435.2	4.48	4.70	Page # 2 of 2
1335		350	12.37	-	-	12.73	513	5.12	436.6	4.48	4.51	Clear
1340		350	12.37	-	-	12.71	513	5.14	436.9	4.48	4.57	ORP = 436.9

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6-22-10 Page 1 of 1 **Well ID:** MW-8S
Field Personnel Ken Marks Purging Start Time: 1515
Well Depth as installed (ft.): 20 Measured Well Depth (ft.):
Screen Length in ft. 10 Screen Depth in ft. 10 Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 13.50 From: 10 Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): 15 From: 20 Total Volume Purged, Including Drawdown (gallons): 4.5
Sample Designation Time at Purge Completion: 1615
Sample Time 1620 Signature: Ken Marks
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder pump
Multimeter model and serial number YSI 650 MDS #5732 Turbidity meter model and serial number LaMotte 2020 #10416
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting PSI=20	Purge Rate 280	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1525	7.5 / 7.5	~~13.55~~	13.55	–	–	12.46	578	5.79	302.5	3.70	163	Purge water slightly cloudy
1530		280	13.55	–	–	12.34	574	5.51	329.9	3.70	111.7	No odor
1535		280	13.55	–	–	12.14	567	5.22	348.8	3.92	55.0	
1540		280	13.55	–	–	12.09	567	5.01	360.1	3.99	34.0	
1545		280	13.55	–	–	12.04	569	4.89	371.8	4.01	21.9	Purge water clear No odor
1550		280	13.55	–	–	12.06	569	4.78	380.1	4.04	16.3	
1555		280	13.55	–	–	12.04	566	4.59	391.7	4.15	7.73	
1600		280	13.55	–	–	12.03	566	4.45	403.3	4.08	3.50	
1605		280	13.55	–	–	12.04	565	4.42	408.9	4.15	3.13	
1610		280	13.55	–	–	12.03	567	4.40	410.1	4.11	2.70	
1615		280	13.55	–	–	12.05	566	4.39	410.7	4.09	2.11	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/22/2010 Page 1 of 2 Well ID: MW-9D

Field Personnel: Heidi Barbas Purging Start Time: 1305

Well Depth as installed (ft.): Measured Well Depth (ft.):

Screen Length in ft. (MW3) Screen Depth in ft.: Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): ~~7.44~~ 6.44 From: Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From: Total Volume Purged, Including Drawdown (gallons): 3½

Sample Designation Time at Purge Completion: 1620

Sample Time 1455 Signature:

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments): Bladder (1-10 psi) dis. - 5 rech. - 10

Multimeter model and serial number YSI 600XL # 06F2353 Turbidity meter model and serial number La Motte 2020e # 11297

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time (MW3) HHMM	Discharge / Refill / Pump Setting sec. / sec. or setting	Purge Rate ml/min	Depth to Water ft.	Draw down ft.	Cum. Draw down ft.	Temp. +/- 3% °C	Spec. Cond. +/- 3% µS/cm	pH +/- 0.1	ORP +/-10 mV	DO +/- 10% if >0.5 mg/L mg/L	Turbidity +/- 10% if > 5 NTU NTU	Comments / Gas Pressure / Observations
~~1315~~ 1320	5 10	110	9.01	2.57	0.00	16.38	244	6.93	37.8	6.92	64.0	- Drawdown >2 ft, decreased pressure to 10 psi. Purge water clear ~ 10 psi
1325			9.20	2.76	0.19	16.75	242	5.94	45.6	5.83	59.9	
1330			9.22	2.78	0.02	16.39	240	5.83	45.8	4.67	52.7	
1335			9.25	2.81	0.03	16.30	239	5.82	42.9	3.76	55.2	
1340			9.30	2.86	0.05	16.07	240	5.82	42.8	3.13	41.9	
1345			9.32	2.88	0.02	16.24	239	5.81	44.2	2.54	40.6	
1350			9.30	2.86	0.02	16.30	241	5.93	37.9	1.83	41.3	
1355			9.30	2.86	0.00	16.42	242	5.83	43.7	1.45	31.9	
1400			9.25	2.81	0.05	16.39	242	5.80	46.7	1.29	20.6	
1405			9.28	2.84	0.03	16.37	241	5.78	50.9	1.09	16.3	
1410		110	9.20	2.76	0.08	16.28	241	5.77	53.9	0.93	16.1	
1415			9.22	2.78	0.02	16.44	240	5.78	55.7	0.77	13.5	

- Stopped pumping water - restart @ 1315.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/22/10 Page 2 of 2

Well ID: MW-9D

Field Personnel

Purging Start Time: 1305

Well Depth as installed (ft.): /

Measured Well Depth (ft.):

Screen Length in ft. Screen Depth in ft.

Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 6.44 From:

Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From:

Total Volume Purged, Including Drawdown (gallons):

Sample Designation

Time at Purge Completion:

Sample Time

Signature:

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments)

Multimeter model and serial number Turbidity meter model and serial number

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1420	5 10	110	9.20	2.76	0.02	16.55	240	5.78	57.7	0.69	8.13	
1425			9.19	2.75	0.01	16.60	240	5.78	60.7	0.58	7.57	
1430			9.19	2.75	0.00	16.29	239	5.76	63.7	0.53	6.34	
1435			9.19	2.75	0.00	16.44	239	5.75	64.8	0.49	6.82	
1440			9.19	2.75	0.00	16.51	239	5.75	66.6	0.45	4.55	
1445			9.19	2.75	0.00	16.42	240	5.74	68.0	0.42	4.57	
1450			9.20	2.76	0.01	16.19	240	5.73	69.8	0.39	3.67	
1455												Sampled @ 1455

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/23/2010 Page 1 of 1
Field Personnel: Heidi Borthers
Well Depth as installed (ft.): /
Screen Length in ft. ____ Screen Depth in ft. ____
Depth to GW (ft.): 6.60 From: ____
Pump/Tubing Intake set (ft.): ____ From: ____
Sample Designation ____
Sample Time ____

Well ID: MW-9S
Purging Start Time: ~~1023~~ HLB 1025
Measured Well Depth (ft.): ____
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons): 3 1/2
Time at Purge Completion: 1204
Signature: [signature]

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments): Bladder - 10-15 psi ds. -5 rech. -10
Multimeter model and serial number YSI 600 XL #06F2353 Turbidity meter model and serial number LaMotte 2020e #11297
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time HHMM	Discharge / Refill / Pump Setting (sec./sec. or setting)	Purge Rate ml/min	Depth to Water ft.	Draw down ft.	Cum. Draw down ft.	Temp. +/- 3% °C	Spec. Cond. +/- 3% µS/cm	pH +/- 0.1	ORP +/-10 mV	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
1035	5 10	300	7.15	0.56	0.00	16.98	349	6.09	157.5	2.13	31.7	15 psi / Purge water clear
1040		↓	7.12	0.52	0.03	16.79	356	6.00	149.6	1.53	28.1	10 psi - decreased pressure; purge too high
1045		210	7.09	0.49	0.03	16.84	367	5.95	143.1	1.90	22.7	10 psi
1050			7.00	0.40	0.09	16.96	373	5.96	140.7	1.41	25.3	10 psi
1055			6.98	0.38	0.02	17.01	377	6.00	138.6	1.07	24.2	
1100			7.00	0.40	0.02	16.99	381	6.02	135.5	0.78	22.3	
1105			6.98	0.38	0.02	16.97	387	6.03	131.1	0.65	21.9	
1110			6.98	0.38	0.02	16.97	391	6.06	128.3	0.49	19.0	
1115			6.99	0.39	0.01	16.99	396	6.07	124.7	0.42	18.0	
1120			6.99	0.39	0.00	16.94	398	6.07	121.5	0.36	18.8	
1125												Sampled @ 1125

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 6-23-10 Page 1 of 1

Field Personnel Ken Marks

Well Depth as installed (ft.): 17

Screen Length in ft. 10 Screen Depth in ft.

Depth to GW (ft.): 9.05 From: 7

Pump/Tubing Intake set (ft.): 12 From: 17

Sample Designation

Sample Time 1350

Well ID : MW-10

Purging Start Time : 1250

Measured Well Depth (ft.):

Parameter Stabilization: (Circle) Yes / No

Two Hour Time Limit Reached ? (Circle) Yes / No

Total Volume Purged, Including Drawdown (gallons): 3

Time at Purge Completion: 1345

Signature: Ken Marks

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder pump

Multimeter model and serial number YSI 650 MDS # 5732 Turbidity meter model and serial number LaMotte 2020 # 10416

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
	PSI=15											
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1300	5 / 10	200	9.07	0.02	-	15.78	0.770	5.83	-54.8	0.41	46.6	Purge water slighty cloudy grayish
1305		200	9.07	0.02	0.02	15.52	0.774	5.75	-52.8	0.36	42.0	No odor
1310		200	9.07	0.00	0.02	15.32	0.774	5.38	-50.7	0.24	34.3	↓
1315		200	9.07	0.00	0.02	15.27	0.774	5.41	-49.8	0.22	26.7	↓
1320		200	9.07	0.00	0.02	15.13	0.774	5.37	-49.9	0.19	19.1	Purge water slighty cloudy No odor
1325		200	9.06	0.0	0.01	15.24	0.772	5.34	-49.8	0.18	10.79	↓
1330		200	9.06	0.0	0.01	15.08	0.773	5.29	-49.1	0.16	8.03	↓
1335		200	9.06	0.0	0.01	15.15	0.773	5.34	-50.2	0.16	4.11	Purge water clear No odor
1340		200	9.06	0.0	0.01	15.10	0.772	5.36	-51.2	0.16	3.01	↓
1345	↓	200	9.06	0.0	0.01	15.15	0.774	5.37	-51.4	0.14	2.71	↓

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/21/2010 Page 1 of 1 Well ID: 11-D
Field Personnel Hydrobrothers Purging Start Time: 1550
Well Depth as installed (ft.): / Measured Well Depth (ft.):
Screen Length in ft. Screen Depth in ft. Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 8.78 From: Two Hour Time Limit Reached ? (Circle) Yes (No)
Pump/Tubing Intake set (ft.): From: Total Volume Purged, Including Drawdown (gallons): 3½
Sample Designation Time at Purge Completion:
Sample Time 1635 Signature:
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder pump - 40 psi 40 psi ds-5 → down to 20 psi
Multimeter model and serial number YSI 1000 XL #04 1029 Turbidity meter model and serial number LaMotte 2020e # 11297
Notes; (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1555	5 10	300	9.80	1.02	0.00	13.20	472	6.10	223.6	7.06	43.7	
1600	5 10	200	9.67	0.89	0.13	12.72	460	6.42	241.6	5.75	15.1	Turned pump pressure down - pump rate too high - (20 psi)
1605			9.23	0.45	0.44	13.09	461	5.43	239.4	5.49	20.0	
1610			9.25	0.47	0.02	12.98	459	5.38	242.1	5.60	8.41	
1615			9.26	0.48	0.01	12.78	458	5.63	245.2	5.63	6.30	
1620			9.27	0.49	0.01	12.69	458	5.65	247.4	5.60	4.69	
1625			9.30	0.52	0.03	12.80	464	5.65	250.3	5.65	4.49	
1630			9.26	0.48	0.04	12.76	463	5.71	~~282.4~~ 257.3	5.72	2.88	
1635												→ Sampled @ 1635

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 6/23/10 Page 1 of 2 **Well ID :** MW-115

Field Personnel K. Armitage Purging Start Time : 1330 - Repair H_2O level meter

Well Depth as installed (ft.): 18 Measured Well Depth (ft.):

Screen Length in ft. 10 Screen Depth in ft. 8-18 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 7.43 From: PVC Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): 13 to top of ~~bla~~ bladder pump Total Volume Purged, Including Drawdown (gallons): 3.5

Sample Designation field sample Time at Purge Completion: 1615

Sample Time 1520 Signature: K. Armitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 5/10 p≅8.5-9psi

Multimeter model and serial number YSI 650 MDS 12629 Turbidity meter model and serial number LaMotte 2020e 10563

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

250mL poly contains extra preservative for CN analysis

tubing & cell covered from sun exposure.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1335	5 / 10	260	7.66	0.23	0.23	14.27	472	6.64	-126.3	2.07	50.0	p=15psi
1340	5 / 10	165	7.91	0.25	0.48	14.53	469	6.79	-124.6	0.77	30.7	p=10 psi, ORP = -124.6
1345	5 / 10	165	8.04	0.13	0.61	14.91	457	6.83	-122.8	0.69	26.5	
1350	5 / 10	160	8.20	0.16	0.77	15.23	456	6.84	-123.2	0.59	26.8	Sp Con = 456
1357	5 / 10	160	8.45	0.25	01.02	15.31	468	6.84	-126.8	0.45	16.9	Sp Con = 468
1400	5 / 10	160	8.46	0.01	1.03	15.98	474	6.87	-131.4	0.43	18.5	
1405	5 / 10	100	8.48	0.02	1.05	16.18	491	6.89	-130.4	0.44	26.2	p≅8.5-9psi, Did a cal check on 10NTU
1410	5 / 10	100	8.55	0.07	1.12	15.71	499	6.83	-125.7	0.44	24.1	
1415	5 / 10	100	8.58	0.03	1.05	15.91	498	6.83	-125.3	0.43	24.0	
1420	5 / 10	100	8.61	0.03	1.08	16.51	499	6.85	-128.2	0.41	22.5	
1425	5 / 10	100	8.62	0.01	1.09	16.56	503	6.81	-126.5	0.41	22.4	
1430	5 / 10	100	8.64	0.02	1.11	16.29	508	6.71	-120.7	0.41	20.2	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/23/10 Page 2 of 2 Well ID: MW-115

See Page 1

Field Personnel: K. Armitage
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): From:
Pump/Tubing Intake set (ft.): From:
Sample Designation
Sample Time

Purging Start Time:
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons):
Time at Purge Completion:
Signature: K Armitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments)
Multimeter model and serial number Turbidity meter model and serial number
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1437	5 / 10	100	8.67	0.03	1.14	16.04	511	6.71	-118.5	0.40	19.2	
1440	5 / 10	100	~~16.10~~	0.03	1.17	16.07	514	6.71	-117.9	0.40	17.5	DTW = 8.70
1445	5 / 10	100	8.72	0.02	1.19	15.97	518	6.68	-116.2	0.40	16.0	
1450	5 / 10	100	8.76	0.04	1.23	15.09	528	6.65	-111.9	0.40	14.4	
1455	5 / 10	100	8.81	0.05	1.28	14.65	532	6.64	-111.6	0.40	12.2	
1500	5 / 10	100	8.85	0.04	1.32	14.65	538	6.66	-110.4	0.39	9.56	
1508	5 / 10	100	8.95	0.10	1.42	14.63	548	6.73	-109.6	0.39	7.77	
1510	5 / 10	100	9.02	0.07	1.49	14.60	551	6.73	-108.3	0.39	5.20	
1515	5 / 10	100	9.08	0.07	1.56	14.48	550	6.76	-107.7	0.39	4.66	
1520											KMa	Collect Sample
1615											KMa	Complete Sample Collection

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/22/10 Page 1 of 1 Well ID: MW-12D
Field Personnel Kelly Armitage Purging Start Time: 9:25
Well Depth as installed (ft.): - Measured Well Depth (ft.): -
Screen Length in ft. 10 Screen Depth in ft. 53-63 Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 11.19 From: Two Hour Time Limit Reached? (Circle) Yes / No
Pump/Tubing Intake set (ft.): 59.5 to top of pump from pvc. Total Volume Purged, Including Drawdown (gallons): ~3gall
Sample Designation field sample, Time at Purge Completion: 10:20
Sample Time 10:20 Signature: K Armitage
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 5/10, P=40psi
Multimeter model and serial number YSI 650MDS, 12629 Turbidity meter model and serial number Lamotte 2020e 10563
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0930	5 / 10	200	11.21	0.02	~~4.57~~	14.57	371	6.33	202.0	5.17	52.2	Pressure = 40psi.
0935	5 / 10	190	11.24	0.03	0.05	14.63	372	6.30	189.9	5.00	48.9	
0940	5 / 10	190	11.24	0	0.05	14.43	365	6.33	179.8	4.71	39.3	
0945	5 / 10	190	11.24	0	0.05	14.44	362	6.33	175.	4.65	33.9	
0950	5 / 10	190	11.24	0	0.05	14.40	361	6.33	174.8	4.61	31.8	
0955	5 / 10	190	11.24	0	0.05	14.29	361	6.32	173.5	4.57	26.7	
1000	5 / 10	190	11.24	0	0.05	14.34	360	6.29	170.2	4.53	21.0	
1005	5 / 10	190	11.24	0	0.05	14.17	361	6.30	168.1	4.52	18.7	
1010	5 / 10	190	11.24	0	0.05	14.21	362	6.31	165.5	4.49	17.6	
1015	5 / 10	190	11.24	0	0.05	14.22	361	6.28	166.7	4.49	16.3	
1020												Collect sample
1115												Complete sample collection

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/21/10 Page 1 of 2
Field Personnel: Kelly Armitage
Well Depth as installed (ft.): 0
Screen Length in ft. 10 Screen Depth in ft. 6-16
Depth to GW (ft.): 8.83 From: PVC
Pump/Tubing Intake set (ft.): 12.50 From: PVC
Sample Designation: Field Sample:
Sample Time: 6/22/10 @ 11:25

Well ID: MW-125
Purging Start Time: 1530
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes (No)
Two Hour Time Limit Reached ? (Circle) (Yes) No
Total Volume Purged, Including Drawdown (gallons): 4.5
Time at Purge Completion: 1605
Signature: Armitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments): compressor - QED
Multimeter model and serial number: YSI 650MDS PINE 06288 Turbidity meter model and serial number: LaMotte PINE 10563
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.) 06603

Purged on 6/21/10, DTW 6/22/10 @ 10:20 = 9.78
Sampled on 6/22/10 @ 11:25. Some bubbles in VOC VOAs. 2 are ok, 1 has an bubble.

Clock Time HHMM	~~Discharge / Refill~~ Refill/Discharge / Pump Setting sec. / sec. or setting	Purge Rate ml/min	Depth to Water ft.	Draw down ft.	Cum. Draw down ft.	Temp. +/- 3% °C	Spec. Cond. +/- 3% µS/cm	pH +/- 0.1	ORP +/-10 mV	DO +/- 10% if >0.5 mg/L mg/L	Turbidity +/- 10% if > 5 NTU NTU	Comments / Gas Pressure / Observations
1545 ~~1645~~	10 / 5	160	9.51	0.68	0.68	15.12	2408	6.79	-134.1	0.49	51.3	Pressure = 10psi
1550 ~~1650~~	10 / 5	160	9.60	0.09	0.77	15.12	2411	6.80	-127.4	0.38	39.8	Water has a fishy odor
1555 ~~1655~~	10 / 5	150	9.67	0.07	0.84	15.16	2408	6.80	-121.8	0.36	33.2	There is slimy flock - grayish
1600 1600	10 / 5	150	9.74	0.08	0.92	15.08	2408	6.78	-114.0	0.34	25.1	
1605	10 / 5	150	9.81	0.07	0.99	15.01	2404	6.78	-110.2	0.34	20.7	
1610	10 / 5	150	9.90	0.09	1.08	14.92	2401	6.78	-106.2	0.33	18.9	
1615	10 / 5	150	10.25	0.35	1.43	14.88	2379	6.80	-106.3	0.31	36.1	*water level is stuck on top of bladder
1620	10 / 5	160	NA	—	—	14.80	2373	6.80	-103.0	0.30	24.8	can no longer take WL readings
1625	10 / 5	160	NA	—	—	14.79	2374	6.80	-102.1	0.31	18.6	
1630	10 / 5	160	NA	—	—	14.77	2363	6.80	-102.0	0.30	25.5	
1635	10 / 5	120	NA	—	—	14.79	2344	6.81	-104.3	0.30	33.6	*did not make adjustments to purge
1640	10 / 5	120	NA	—	—	14.86	2335	6.84	-105.3	0.29	26.8	rate. The water level must be getting closer to intake tubing depth.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

See Page 1.

Date: 6/21/10 Page 2 of 2 Well ID: MW-125

Field Personnel
Well Depth as installed (ft.):
Screen Length in ft. Screen Depth in ft.
Depth to GW (ft.): From:
Pump/Tubing Intake set (ft.): From:
Sample Designation
Sample Time

Purging Start Time:
Measured Well Depth (ft.):
Parameter Stabilization: (Circle) Yes / No
Two Hour Time Limit Reached ? (Circle) Yes / No
Total Volume Purged, Including Drawdown (gallons):
Time at Purge Completion:
Signature: [signature]

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments)
Multimeter model and serial number Turbidity meter model and serial number
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp, +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1645	5 / 10	100	NR	—	—	14.96	2318	6.86	-107.1	0.28	22.3	
1650	5 / 10	80	NR	—	—	15.28	2312	6.91	-108.4	0.42	NR	Let purge dry. 20 psi = pressure
1705	5 / 10	<80	NR	—	—	15.29	2310	6.98	-86.8	1.40	NR	
1715	5 / 10	<80	NR	—	—	15.52	2316	7.03	-76.3	2.15	NR	
1730	5 / 10	<80	NR	—	—	15.47	2317	7.04	-71.8	2.34	NR	turbidy = 11.7 NTU.
1750	5 / 10	50	NR	—	—	15.58	2325	7.05	-67.0	2.93	12.1	
1800	5 / 10	50	NR	—	—	15.66	2324	7.05	-62.5	3.66	11.1	
1805												Stop pump.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 6/24/10 Page 1 of 2 Well ID: MW-13

Field Personnel: K. Armitage Purging Start Time: 1222

Well Depth as installed (ft.): Measured Well Depth (ft.):

Screen Length in ft. 10 Screen Depth in ft. 15-25 Parameter Stabilization: (Circle) Yes No

Depth to GW (ft.): 14.47 From: PVC Two Hour Time Limit Reached ? (Circle) Yes No

Pump/Tubing Intake set (ft.): 21' top of bladder From: PVC Total Volume Purged, Including Drawdown (gallons): 4 gall.

Sample Designation field sample; Time at Purge Completion: 1430

Sample Time 1340 Signature: K Armitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 5/10, p= 18psi

Multimeter model and serial number YSI 650 MDS 12629 Turbidity meter model and serial number LaMotte 2020e 10563

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Additional preservative added to 250mL poly bottle for CN analysis.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1228	5/10	180	14.61	0.13	0.13	15.15	345	5.48	176.0	9.00	79.7	20 psi
1230	5/10	180	14.63	0.02	0.15	14.65	350	5.47	183.2	8.92	NR	18 psi
1235	5/10	200	14.63	0	0.15	14.43	347	5.47	190.6	8.71	65.2	
1240	5/10	200	~~14.25~~	0	0.15	14.25	344	5.49	191.2	8.63	51.9	DTW=14.63 KMA
1245	5/10	200	14.63	0	0.15	14.17	342	5.48	192.7	8.62	37.7	
1250	5/10	200	14.63	0	0.15	14.04	341	5.52	197.8	8.51	26.0	
1255	5/10	200	14.63	0	0.15	13.99	340	5.57	200.6	8.48	~~14.6~~	23.1 KMA
1300	5/10	200	14.63	0	0.15	14.05	342	5.56	201.3	8.45	NR	
1305	5/10	200	14.63	0	0.15	14.12	340	5.55	201.8	8.40	14.6	
1310	5/10	200	14.63	0	0.15	14.11	340	5.57	202.3	8.38	13.8	
1315	5/10	200	14.63	0	0.15	14.19	341	5.57	202.4	8.27	11.4	
1320	5/10	200	14.63	0	0.15	14.13	339	5.56	203.1	8.35	7.24	
1325	5/10	200	14.63	0	0.15	14.25	339	5.58	203.4	8.29	6.31	
1330	5/10	200	14.63	0	0.15	14.20	339	5.57	203.7	8.31	5.51	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

See Page 1

Date: 6/24/10 Page 2 of 2 Well ID: MW-13
Field Personnel K. Armitage Purging Start Time: _____
Well Depth as installed (ft.): _____ Measured Well Depth (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____ Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): _____ From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): _____
Sample Designation _____ Time at Purge Completion: _____
Sample Time _____ Signature: K Armitage
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____
Multimeter model and serial number _____ Turbidity meter model and serial number _____
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1335	5 / 10	200	14.63	0	0.15	14.18	339	5.56	203.3	8.43	3.73	←
1340												Collect sample

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Attachment B, Page 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/7/10 Page 1 of 2

Well ID : MW-1

Field Personnel Michelle Carbonneau

Purging Start Time : 1:50 - need tubing

Well Depth as installed (ft.): 13

Measured Well Depth (ft.):

Screen Length in ft. 10 Screen Depth in ft. 3

Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 2.83 From:

Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From:

Total Volume Purged, Including Drawdown (gallons):

Sample Designation Field Sample

Time at Purge Completion: 1540

Sample Time 15:40

Signature:

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments)

Multimeter model and serial number YSI 600XL 02A1047AB Turbidity meter model and serial number LaMotte 2020 26856

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
14:20	11 / 4	240	3.05			14.64	.273	5.37	233.7	9.26	571	musky scent
14:25	11.5 / 3.5	200	3.09			14.63	.273	5.39	232.0	9.15	406	← changed pressure
14:30		320	3.09			14.53	.271	5.36	232.2	9.22	334	
14:35		320	3.09			14.53	.271	5.35	230.4	9.41	171	← changed pressure
14:40		280	3.08			14.55	.271	5.33	229.9	9.49	87.7	
14:45		220	3.08			14.58	.272	5.32	228.9	9.52		← turbidity meter malfunctioning
14:50		240	3.08			14.57	.272	5.35	223.9	9.67		
14:55		240	3.08			14.57	.271	5.35	222.7	9.61	14.1	LaMotte 2020 Model #: 6477 Serial #: 546
15:00		240	3.08			14.55	.271	5.32	219.6	9.63	9.52	
15:05		240	3.08			14.55	.272	5.38	233.6	9.72	7.01	
15:10		240	3.08			14.57	.271	5.32	221.6	9.65	5.42	
15:15		240	3.08			14.55	.271	5.29	221.0	9.65	4.55	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/7/10 Page 2 of 2 **Well ID :** MW-1
Field Personnel Michelle Oelmaeen Purging Start Time : 1350
Well Depth as installed (ft.): 13 Measured Well Depth (ft.): _____
Screen Length in ft. 10 Screen Depth in ft. 3 Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 2.83 From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): _____
Sample Designation _____ Time at Purge Completion: 1540
Sample Time 1540 Signature: _____
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____
Multimeter model and serial number _____ Turbidity meter model and serial number _____
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
15:20		240	~~3.08~~ NC	~~4.60~~ NC		14.60	.271	5.28	218.1	9.65	5.03	
15:25		240	3.08			14.54	.271	5.27	217.7	9.68	4.43	
15:30		240	3.08			14.54	.271	5.26	217.0	9.71	2.70	
15:35		240	3.08			14.55	.271	5.27	217.2	9.74	2.37	
												Sampled at 3 15:40

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/6/2010 Page 1 of 2 **Well ID :** MW-25

Field Personnel KMArmitage Purging Start Time : 0840

Well Depth as installed (ft.): 15 Measured Well Depth (ft.): 14.55

Screen Length in ft. 10 Screen Depth in ft. 15 Parameter Stabilization: (Circle) Yes / No

10/4 Depth to GW (ft.): 2.65 From: 5 Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From: 15 Total Volume Purged, Including Drawdown (gallons): ~2

Sample Designation Field Sample Time at Purge Completion: 1200

Sample Time 1020 Signature: KArmitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) P=~5psi

Multimeter model and serial number YSI 650MDS 0000 Turbidity meter model and serial number LaMotte 2020 6767

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

light sheen on water surface.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
840	10 / 5	—	2.28	—	—	—	—	—	—	—	-	adjusting pressure/flow
0845	10 / 5	100	3.24	—	—	15.86	1.005	6.25	-98.0	0.65	206	P=~8psi
0850	10 / 5	100	3.29	0.05	0.05	15.88	1.007	6.30	-98.3	0.60	152	P=~5psi
0855	10 / 5	100	3.32	0.03	0.08	15.90	1.010	6.35	-97.7	0.50	121	
0900	10 / 5	100	3.35	0.03	0.11	15.90	1.010	6.37	-97.1	0.45	99.4	
0905	10 / 5	100	3.35	0.0	0.11	15.90	1.005	6.40	-95.0	0.43	71.6	
0910	10 / 5	~100	3.35	—	0.11	15.91	1.003	6.41	-93.4	0.42	62.9	
0915	10 / 5	~100	3.35	—	0.11	15.93	1.000	6.41	-84.7	0.43	51.2	
0920	10 / 5	~100	3.35	—	0.11	15.94	0.989	6.42	-76.0	0.43	42.6	
0925	10 / 5	~100	3.35	—	0.11	15.94	0.985	6.42	-73.5	0.42	34.1	
0930	10 / 5	~100	3.35	—	0.11	15.93	0.975	6.42	-68.6	0.43	29.2	
935	10 / 5	~100	3.35	—	0.11	15.92	0.966	6.43	-65.0	0.43	23.6	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

See Page

Date : 10/6/10 Page 2 of 2 **Well ID :** MW-28.
Field Personnel KM Armitage Purging Start Time : _____
Well Depth as installed (ft.): _____ Measured Well Depth (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____ Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): _____ From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): _____
Sample Designation _____ Time at Purge Completion: _____
Sample Time 1020 Signature: KArmitage
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____
Multimeter model and serial number _____ Turbidity meter model and serial number _____
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0940	10 / 5	~100	3.35	–	0.11	15.94	0.953	6.42	-62.9	0.44	22.1	
0945	10 / 5	~100	3.35	–	0.11	15.95	0.946	6.42	-65.2	0.45	18.9	
0950	10 / 5	~100	3.35	–	0.11	15.95	0.940	6.43	-66.3	0.45	18.3	
0955	10 / 5	~100	3.35	–	0.11	15.92	0.929	6.42	-62.8	0.45	16.8	
1000	10 / 5	~100	3.35	–	0.11	15.94	0.921	6.42	-63.0	0.46	16.2	
1005	10 / 5	~100	3.35	–	0.11	15.94	0.914	6.43	-65.9	0.47	14.9	
1010	10 / 5	~100	3.35	–	0.11	15.94	0.906	6.42	-61.4	0.47	15.2	
1015	10 / 5	~100	3.35	–	0.11	15.93	0.904	6.43	-61.2	0.48	15.1	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/7/2010 Page 1 of 1 **Well ID :** MW-35

Field Personnel E. JOHNSON Purging Start Time : 840

Well Depth as installed (ft.): 17 Measured Well Depth (ft.): _____

Screen Length in ft. 10 Screen Depth in ft. 17 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 11.64 From: ~~10~~ 7 Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): 15 From: 17 Total Volume Purged, Including Drawdown (gallons): 5 g

Sample Designation _____ Time at Purge Completion: 950

Sample Time 955 Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) BLADDER PUMP

Multimeter model and serial number YSI 600XL Turbidity meter model and serial number Lamotte 2020e

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
845	5 / 10	400	11.66	.02	.02	13.63	0.850	6.65	-102.4	2.27	7.26	clear purge, ~25 psi
850	5 / 10	400	11.66	.02	.02	13.77	0.763	6.72	-122.5	0.74	4.63	
900	3 / 12	300	11.65	.01	.02	13.77	0.698	6.79	-133.2	0.69	4.63	
905	3 / 12	300	11.65	.01	.02	13.78	0.694	6.80	-137.4	1.58	5.40	
910	3 / 12	300	11.65	.01		13.79	0.687	6.81	-140.7	1.44	4.21	
915	3 / 12	300	11.65	.01		13.80	0.681	6.81	-143.3	1.14	4.20	
920	3 / 12	300	11.65	.01		13.79	0.678	6.81	-143.8	1.01	3.91	
925	3 / 12	300	11.65	.01		13.80	0.676	6.82	-144.3	0.91	4.15	
930	3 / 12	300	11.65	.01		13.81	0.675	6.82	-144.7	0.88	4.64	
935	3 / 12	300	11.65	.01		13.82	0.673	6.82	-146.8	0.71	3.91	
940	3 / 12	300	11.65	.01		13.82	0.672	6.83	-146.7	0.76	4.19	
945	3 / 12	300	11.65	.01		13.81	0.670	6.83	-145.6	0.81	3.57	
950	3 / 12	300	11.65	.01		13.82	0.669	6.83	-145.3	0.84	4.11	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/7/2010 Page 1 of _____ **Well ID :** MW-3D

Field Personnel E. JOHNSON Purging Start Time : 1113

Well Depth as installed (ft.): 51 Measured Well Depth (ft.): _____

Screen Length in ft. 5 Screen Depth in ft. 51 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 11.65 From: 46 Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): 49 From: _____ Total Volume Purged, Including Drawdown (gallons): ~5.5

Sample Designation _____ Time at Purge Completion: 1215

Sample Time 1220 Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) Bladder Pump

Multimeter model and serial number YSI 600XL Turbidity meter model and serial number Lamotte 2020e ME 13756

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Flow through cell rinsed w/ DI H_2O prior to beginning purge

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1120	5 / 10	320	11.78	0.13	0.13	12.05	0.346	7.46	-2.2	3.93	339	~45 psi, silty purge H_2O
1130	5 / 10	320	11.78	0.13		11.91	0.344	7.40	31.2	3.54	84.1	purge H_2O clearing
1135	5 / 10	320	11.78	0.13		11.87	0.344	7.38	40.8	3.48	49.5	
1140	5 / 10	320	11.78	0.13		11.86	0.345	7.35	50.2	3.44	24.1	
1145	5 / 10	320	11.76	0.11		11.83	0.346	7.34	56.3	3.43	12.0	
1150	5 / 10	320	11.75	0.10		11.86	0.346	7.33	61.6	3.41	7.96	
1155	5 / 10	320	11.75	0.10		11.83	0.346	7.32	66.4	3.43	7.77	
1200	5 / 10	320	11.75	0.10		11.87	0.347	7.30	71.2	3.43	6.15	
1205	5 / 10	320	11.75	0.10		11.90	0.347	7.29	76.2	3.42	6.15	
1210	5 / 10	320	11.75	0.10		11.86	0.347	7.28	80.5	3.42	4.50	
1215	5 / 10	320	11.75	0.10		11.81	0.346	7.28	84.2	3.41	4.82	STABILIZED, SAMPLED 1220

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/7/2010 Page 1 of 2 **Well ID :** MW-3B

Field Personnel E. JOHNSON Purging Start Time : 1422

Well Depth as installed (ft.): Measured Well Depth (ft.):

Screen Length in ft. 15 Screen Depth in ft. 70 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): ~~67~~ EJ From: 55 Two Hour Time Limit Reached ? (Circle) Yes No

Pump/Tubing Intake set (ft.): 67 From: Total Volume Purged, Including Drawdown (gallons): 2.5

Sample Designation Time at Purge Completion: 1600

Sample Time 1605 Signature:

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) BLADDER PUMP

Multimeter model and serial number YSI 600 XL Turbidity meter model and serial number Lamotte 2020E

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1430	1.5 / 13.5	100	13.13			13.28	0.264	10.01	114.4	4.24	14.2	PSI 50
1440	1.5 / 13.5	100	13.36			13.23	0.265	10.08	116.7	3.39	13.6	
1445	1.5 / 13.5	100	13.44			13.23	0.265	10.09	118.0	3.05	17.3	
1455	1.5 / 13.5	120	13.57			13.16	0.266	10.07	120.6	2.38	19.8	
1500	1.5 / 13.5	120	13.60			13.18	0.267	10.04	121.6	2.24	22.6	
1505	1.5 / 13.5	120	13.63			13.10	0.268	10.00	123.4	2.04	25.4	
1510	1.5 / 13.5	120	13.66			13.09	0.269	9.95	124.9	1.88	27.0	
1515	1.5 / 13.5	125	13.68			13.12	0.276	9.62	129.1	1.81	19.9	
1520	1.5 / 13.5	125	13.70			13.11	0.284	9.39	130.8	1.75	15.3	
1525	1.5 / 13.5	125	13.71			13.07	0.289	9.26	131.8	1.71	13.2	
1530 ~~1525~~ EJ	1.5 / 13.5	125	13.72			13.04	0.292	9.17	132.9	1.67	13.2	
1535	1.5 / 13.5	125	13.74			12.97	0.293	9.11	133.9	1.61	12.2	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Attachment B, Page 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/7/2010 Page 2 of 2 **Well ID :** MW-3B

Field Personnel E. JOHNSON Purging Start Time : 1422

Well Depth as installed (ft.): Measured Well Depth (ft.):

Screen Length in ft. 15 Screen Depth in ft. 70 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): From: 55 Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): 67 From: Total Volume Purged, Including Drawdown (gallons): 2.5

Sample Designation Time at Purge Completion: 1600

Sample Time 1605 Signature: Eric Johnson

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) BLADDER PUMP

Multimeter model and serial number YSI 600XL Turbidity meter model and serial number LAMOTTE 2020E

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1540	1.5 / 13.5	125	13.75			12.95	0.294	9.07	134.8	1.56	11.1	
1545	1.5 / 13.5	125	13.76			12.90	0.294	9.03	136.0	1.52	9.32	
1550	1.5 / 13.5	125	13.77			12.89	0.295	9.00	137.0	1.47	9.39	
1555	1.5 / 13.5	125	13.77			12.86	0.295	8.99	137.7	1.46	8.48	
1600	1.5 / 13.5	125	13.78			12.86	0.295	8.98	138.3	1.44	8.66	
												1605 SAMPLED

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/6/2010 Page 1 of 1 **Well ID :** MW-45

Field Personnel E. JOHNSON Purging Start Time : 0900

Well Depth as installed (ft.): Measured Well Depth (ft.): 17.09

Screen Length in ft. 10 Screen Depth in ft. 18 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 13.19 From: 8 Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From: Total Volume Purged, Including Drawdown (gallons): 4 g

Sample Designation Field sample Time at Purge Completion: 940

Sample Time 945 Signature: Eric Johnson

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) BLADDER PUMP

Multimeter model and serial number YSI 600XL 01K0643AA Turbidity meter model and serial number Lamotte 2020E ME13756

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0905	5 / 10	400	13.25	0.06	0.06	16.04	0.481	6.12	116.5	0.55	2.37	CLEAR PURGE H_2O 30 psi
910	5 / 10	400	13.25	0.06	↓	15.86	0.461	6.18	89.7	0.27	1.38	
915	5 / 10	400	13.25	0.06	↓	15.81	0.463	6.23	80.6	0.23	0.77	
920	5 / 10	400	13.25	0.06	↓	15.80	0.467	6.27	73.1	0.20	0.04	
925	5 / 10	400	13.25	0.06	↓	15.77	0.471	6.31	65.0	0.19	0.40	
930	5 / 10	400	13.25	0.06	↓	15.74	0.477	6.34	57.3	0.17	1.72	
935	5 / 10	400	13.25	0.06	↓	15.73	0.479	6.36	53.9	0.18	2.67	
940	5 / 10	400	13.25	0.06	↓	15.73	0.482	6.39	50.0	0.18	2.13	
945	5 / 10	400										→ STABILIZED, SAMPLED 0945

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/6/10 Page 1 of 2 **Well ID :** MW4D

Field Personnel Michelle Carbonneau Purging Start Time : 8:55

Well Depth as installed (ft.): 45 Measured Well Depth (ft.): 44.43

Screen Length in ft. ~~40~~ ~~5~~ 40 Screen Depth in ft. ~~45~~ ~~40~~ 5 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 13.30 From: ~~5~~ Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From: Total Volume Purged, Including Drawdown (gallons):

Sample Designation Field sample Time at Purge Completion:

Sample Time 1110 Signature:

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder pump

Multimeter model and serial number YSI 600XL 02A104706 Turbidity meter model and serial number lamotte 2020 24854

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
9:05	5 10	320	13.18			13.78	.252	6.22	-207.9	5.90	26.4	NO ODOR
9:10	5 10	320	13.18			13.74	.251	6.09	-206.6	6.08	23.7	
9:15	5 10	320	13.18			13.72	.251	6.0	-203.8	6.37	19.1	
9:20		280	13.18			13.69	.251	5.94	-200.0	6.92	16.3	
9:25		280	13.18			13.66	.251	5.93	-196.1	6.87	15.4	
9:30		320	13.18			13.64	.250	5.91	-196.0	6.84	9.47	
9:35		320	13.18			13.63	.250	5.90	-192.4	6.89	8.99	
9:40		320	13.18			13.66	.250	5.87	-188.4	6.94	7.93	
9:45		320	13.18			13.66	.250	5.83	-187.2	6.91	7.23	
9:50	280	~~320~~ 280	13.18			13.63	.250	5.81	-183.7	6.94	6.17	
9:55		280	13.18			13.62	.250	5.84	-179.9	6.92	6.55	
10:00		280	13.18			13.61	.249	5.84	-176.9	7.00	5.79	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/6/10 Page 2 of 2 **Well ID :** MW-4D

Field Personnel Michelle Carbonneau Purging Start Time : 8:55

Well Depth as installed (ft.): _____ Measured Well Depth (ft.): _____

Screen Length in ft. _____ Screen Depth in ft. _____ Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): _____ From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): _____

Sample Designation _____ Time at Purge Completion: _____

Sample Time _____ Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____

Multimeter model and serial number _____ Turbidity meter model and serial number _____

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
10:05	5 / 10	280	13.18			13.61	.249	5.80	-174.8	7.51	5.80	
10:10	5 / 10	280	13.18			13.57	.248	5.78	-168.2	8.14	5.75	
10:15		280	13.18			13.58	.248	5.75	-168.4	8.03	5.11	
10:20		280	13.18			13.60	.248	5.76	-162.0	8.07	5.26	
10:25		280	13.18			13.61	.249	5.75	-157.1	8.00	~~3.15~~ 3.51	
10:30		280	13.18			13.61	.249	5.74	~~-147.0~~	7.70	4.72	ORP appears to be malfunctioning - unit looks OK
10:35		280	13.18			13.59	.248	5.76	-147.0 90.2	7.54	3.79	
10:40		280	13.18			13.59	.248	5.74	-72.3	7.50	3.46	
10:45		280	13.18			13.58	.248	5.75	63.8	7.37	3.61	
10:50		280	13.18			13.58	.248	5.74	-57.9	7.30	3.48	
10:55		280	13.18			13.57	.248	5.71	-51.6	7.18	3.55	
11:00		280	13.18			13.57	.248	5.74	-46.7	7.17	3.50	
11:05		280	13.18			~~13.45~~ 13.54	.248	5.72	-42.3	7.10	2.52	Sampled at 11:10

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : MW-5 / 10/7/10 Page 1 of 1 **Well ID :** MW-5

Field Personnel KMArmitage Purging Start Time : 0815

Well Depth as installed (ft.): _____ 10/4 Measured Well Depth (ft.): _____ –

Screen Length in ft. _____ Screen Depth in ft. _____ Parameter Stabilization: (Circle) Yes / No

10/4 Depth to GW (ft.): _____ – From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): ~4.5 gall.

Sample Designation ~~MS/MSD DUP~~ ~~KA~~ MS/MSD Time at Purge Completion: 1055

Sample Time 0935 Signature: KMArmitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) P = ~15psi

Multimeter model and serial number YSI 650MDS 0000 Turbidity meter model and serial number LaMotte 2020/6767

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
0815	10 / 5	–	10.98	–	–	–	–	–	–	–	–	problems w/. air supply → fixed.
0830	10 / 5	280	11.08	0.10	0.10	16.68	0.543	5.88	21.7	1.25	425	P = ~15psi
0835	10 / 5	280	11.08	~~0.10~~	0.10	16.76	0.533	6.02	1.1	1.10	366	
0840	10 / 5	280	11.08	–	0.10	16.77	0.532	6.05	2.2	0.90	170 ✓ KA.	
0845	10 / 5	280	11.08	–	0.10	16.76	0.531	6.06	3.0	0.81	70.1	
0850	10 / 5	280	11.08	–	0.10	16.74	0.529	6.06	4.0	0.80	57.6	
0855	10 / 5	280	11.08	–	0.10	16.71	0.528	6.07	5.4	0.73	34.2	
0900	10 / 5	280	11.08	–	0.10	16.72	0.527	6.07	6.8	0.70	22.4	
0905	10 / 5	280	11.08	–	0.10	16.71	0.527	6.07	7.7	0.69	15.0	
0910	10 / 5	280	11.08	–	0.10	16.71	0.527	6.07	8.8	0.66	11.2	
0915	10 / 5	280	11.08	–	0.10	16.73	0.527	6.06	9.1	0.65	9.89	
0920	10 / 5	280	11.08	–	0.10	16.74	0.526	6.06	9.4	0.64	6.96	
0925		280	11.08	–	0.10	16.75	0.527	6.06	10.2	0.63	6.97	
0930	10/5	280	11.08	–	0.10	16.75	0.527	6.06	10.6	0.62	6.71	
						✓	✓	✓	✓	✓		

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/5/10 Page 1 of 2 **Well ID :** MW-6S

Field Personnel KMArmitage Purging Start Time : 1230

Well Depth as installed (ft.): Measured Well Depth (ft.): 48.91

Screen Length in ft. Screen Depth in ft. Parameter Stabilization: (Circle) Yes / No

10/4 Depth to GW (ft.): 8.93 From: PVC Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From: Total Volume Purged, Including Drawdown (gallons): ~2.5

Sample Designation Field Sample Time at Purge Completion: 1550

Sample Time 1430 Signature: KArmitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) P=<10psi

Multimeter model and serial number YSI 650 MDS/0080 Turbidity meter model and serial number LaMotte 2020/6767

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

cut 5½" of bonded tubing to put bladder pump on. 1240 cell full

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1230	10 / 5	—	8.96	—	—	—	—	—	—	—	—	adjusting p/vol.
1240	10 / 5	140	9.61	0.65	0.65	15.70	0.439	6.67	-99.4	1.96	60.4	200-100 mL/min - adjusting (p)
1245	10 / 5	140	9.58	-0.03	0.62	16.01	0.441	6.62	-97.2	1.80	59.0	p=<10psi
1250	10 / 5	140	9.67	0.09	0.71	16.13	0.444	6.60	-97.5	1.88	56.8	
1255	10 / 5	140	9.75	0.08	0.79	16.34	0.454	6.58	-93.7	2.03	50.6	slight decrease in p. still just <10psi
1300	10 / 5	140	9.75	0.0	0.79	16.42	0.458	6.57	-91.5	2.07	42.5	
1305	10 / 5	140	9.76	0.01	0.80	16.39	0.470	6.56	-88.7	2.13	30.3	
1310	10 / 5	~~140~~ 120	9.77	0.01	0.81	16.41	0.477	6.55	-88.1	2.17	23.6	120 mL/min
1315	10 / 5	~~140~~ 120	9.80	0.03	0.84	16.40	0.498	6.56	-89.9	2.33	19.1	120 mL/min
1320	10 / 5	120	9.81	0.01	0.85	16.39	0.505	6.56	-90.6	2.39	15.7	
1325	10 / 5	120	9.83	0.02	0.87	16.40	0.532	6.57	-93.5	2.38	13.5	
1330	10 / 5	120	9.85	0.02	0.89	16.41	0.542	6.58	-93.6	2.44	11.1	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/5/10 Page 2 of 2 **Well ID :** MW-65
Field Personnel KMA Purging Start Time : 1230
Well Depth as installed (ft.): _____ Measured Well Depth (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____ Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): _____ From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): _____
Sample Designation _____ Time at Purge Completion: _____
Sample Time _____ Signature: L Dumtage
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) P= <10psi
Multimeter model and serial number See Page 1 Turbidity meter model and serial number "
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1335	10 / 5	120	9.86	0.01	0.90	16.44	0.567	6.60	-95.5	2.49	10.8	
1340	10 / 5	120	9.87	0.01	0.91	16.46	0.581	6.62	-95.5	2.49	8.28	
1345	10 / 5	120	9.88	0.01	0.92	16.47	0.600	6.63	-95.9	2.52	7.41	
1350	10 / 5	120	9.89	0.01	0.93	16.45	0.621	6.65	-96.6	2.54	6.79	
1355	10 / 5	120	9.90	0.01	0.94	16.45	0.629	6.65	-96.0	2.54	5.88	
1400	10 / 5	120	9.91	0.01	0.95	16.49	0.647	6.66	-93.9	2.51	5.34	
1405	10 / 5	120	9.92	0.01	0.96	16.51	0.657	6.68	-92.8	2.54	5.22	
1410	10 / 5	120	9.93	0.01	0.97	16.53	0.663	6.68	-91.4	2.51	5.47	
1415	10 / 5	120	9.95	0.02	0.99	16.54	0.672	6.70	-89.1	2.52	5.02	
1420	10 / 5	120	9.96	0.01	1.00	16.54	0.683	6.70	-92.3	2.50	4.77	
1425	10 / 5	120	9.97	0.01	1.01	16.53	0.693	6.71	-90.9	2.50	4.61	
1430	10 / 5	120	Sample									

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/5/10 Page 1 of ____ **Well ID :** MW-6D

Field Personnel KM Armitage Purging Start Time : 0850

Well Depth as installed (ft.): ____ Measured Well Depth (ft.): 48.91

Screen Length in ft. ____ Screen Depth in ft. ____ Parameter Stabilization: (Circle) Yes / No

7.38 (10/4) Depth to GW (ft.): 7.31 From: PVC Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): ____ From: ____ Total Volume Purged, Including Drawdown (gallons): ~2.5

Sample Designation Field DUP Time at Purge Completion: 1200

Sample Time 0955 / 1100 Signature: KArmitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 10/5/ p = 25 psi

Multimeter model and serial number YSI 650 MDS / 0000 Turbidity meter model and serial number LaMotte 2020/6767

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	~~µS/cm~~ mS		mV	mg/L	NTU	
0850	10 / 5	—	7.31	—	—	—	—	—	—	—	—	p=30psi, adjusting flow.
0855	10 / 5	200	8.58	—	—	14.47	0.328	6.58	207.8	3.95	16.7	p=25psi
0900	10 / 5	200	8.61	0.03	0.03	14.53	0.342	6.79	199.2	4.00	16.1	
0905	10 / 5	200	8.61	—	0.03	14.54	0.350	6.97	193.2	3.97	16.7	
0910	10 / 5	200	8.61	—	0.03	14.50	0.357	7.10	187.9	3.94	15.1	
0915	10 / 5	200	8.61	—	0.03	14.47	0.359	7.19	184.0	3.90	20.1	
0920	10 / 5	200	8.61	—	0.03	14.44	0.360	7.28	180.4	3.84	28.6	
0925	10 / 5	200	8.61	—	0.03	14.41	0.361	7.37	176.4	3.85	25.0	
0930	10 / 5	200	8.61	—	0.03	14.41	0.361	7.42	173.2	3.81	25.3	
0935	10 / 5	200	8.61	—	0.03	14.39	0.362	7.46	170.3	3.79	25.7	
0940	10 / 5	200	8.61	—	0.03	14.40	0.362	7.48	168.5	3.79	21.7	
0945	10 / 5	200	8.61	—	0.03	14.39	0.362	7.51	166.5	3.75	21.0	
0950		200	8.61	—	0.03	14.37	0.362	7.54	163.8	3.73	20.5	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/5/10 Page 1 of _____ **Well ID :** MW-75

Field Personnel Michelle Carbonneau Purging Start Time : 9:20

Well Depth as installed (ft.): _____ Measured Well Depth (ft.): 9.56 mc

Screen Length in ft. _____ Screen Depth in ft. _____ Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 9.56 From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): _____

Sample Designation _____ Time at Purge Completion: _____

Sample Time _____ Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder pump.

Multimeter model and serial number YSI 600 XL / 02A1047 AB Turbidity meter model and serial number Lamotte 2020 / 268556

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
9:25		480	9.56			16.68	.705	6.22	240.0	.56	170.0	brown water
9:30		480				16.72	.715	6.13	242.7	.38	44.2	
9:35		480				16.72	.717	6.10	240.8	.34	18.0	
9:40		480	9.56			16.71	.716	6.07	235.9	.35	10.80	
9:45		480				16.73	.717	6.08	236.7	.35	5.78	
9:50		480				16.73	.717	6.10	233.7	0.26	4.62	
9:55		480	9.56			16.73	.717	6.11	237.0	0.34	3.89	
10:00		480	9.56			16.71	.716	6.10	232.0	0.34	3.43	~~water~~ oil sheen on water surface

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

* Cut approx. 1 foot of tubing. Tubing had holes/was ripping

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/5/2010 Page 1 of 2 **Well ID :** MW-7D

Field Personnel E. JOHNSON Purging Start Time : 915

Well Depth as installed (ft.): _____ Measured Well Depth (ft.): 80.23

Screen Length in ft. 10 Screen Depth in ft. 10 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 9.86 From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): _____

Sample Designation _____ Time at Purge Completion: _____

Sample Time _____ Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) BLADDER PUMP

Multimeter model and serial number YSI 600XL 01KD643AA Turbidity meter model and serial number Lamotte ~~2020e~~ (EJ) 2020E

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
920	10.0 / 5.0	100	10.0	0.14	0.14	14.49	0.236	6.80	98.8	24.26	119	
925	10.0 / 5.0	100	10.0	0.14	0.14	14.36	0.263	7.06	94.6	8.37	119	
930	10.0 / 5.0	100	10.0	0.14	0.14	14.32	0.270	7.30	93.0	6.67	111	mildly cloudy, trace musty odor
935	10.0 / 5.0	100	10.0	0.14	0.14	14.31	0.272	7.48	91.2	5.49	105.6	
940	10.0 / 5.0	100	9.96	0.10	0.14	14.25	0.272	7.61	89.2	4.49	62.8	
945	10.0 / 5.0	120	9.96	0.10		14.22	0.271	7.69	86.6	3.79	62.7	
950	10.0 / 5.0	120	9.96	0.10		14.19	0.270	7.74	84.9	3.27	56.2	
955	10.0 / 5.0	120	9.96	0.10		14.14	0.269	7.78	82.4	3.03	50.5	
1000	10.0 / 5.0	110	9.96	0.10		14.09	0.268	7.80	80.7	2.85	53.7	
1005	10.0 / 5.0	110	9.96	0.10		14.05	0.266	7.83	78.0	2.88	41.1	
1010	10.0 / 5.0	110	9.96	0.10		14.00	0.265	7.85	75.6	2.45	35.8	
1015	10.0 / 5.0	110	9.96	0.10		13.99	0.265	7.88	74.0	2.33	33.2	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/5/2010 Page 2 of 2

Field Personnel ERIK JOHNSON

Well Depth as installed (ft.):

Screen Length in ft. 10 Screen Depth in ft. 10

Depth to GW (ft.): 9.86 From:

Pump/Tubing Intake set (ft.): From:

Sample Designation

Sample Time

Well ID : MW-7D

Purging Start Time : 915

Measured Well Depth (ft.): 80.23

Parameter Stabilization: (Circle) Yes / No

Two Hour Time Limit Reached ? (Circle) Yes / No

Total Volume Purged, Including Drawdown (gallons): 3.5-4 g

Time at Purge Completion: 1035

Signature:

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) BLADDER PUMP

Multimeter model and serial number YSI 600 XL 07K0643AA Turbidity meter model and serial number

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3% 13.99	Spec. Cond. +/- 3% 0.265	pH +/- 0.1 7.80	ORP +/-10 740 ~~2.33~~	DO +/- 10% if >0.5 mg/L 2.33	Turbidity +/- 10% if > 5 NTU 33.2	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1020	10.0 / 5.0	110	9.96	0.10	0.14	13.98	0.265	7.90	71.8	2.45	26.8	
1025	10.0 / 5.0	110	9.96	0.10	↓	13.96	0.265	7.92	70.5	2.48	18.5	
1030	10.0 / 5.0	110	9.96	0.10	↓	13.97	0.266	7.94	69.3	2.51	19.3	
1035	10.0 / 5.0	110	9.96	0.10	↓	13.98	0.266	7.96	68.1	2.53	19.8	
												SAMPLED @ 1040 (EJ)

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

~4" tubing cut from dedicated tubing for snug fit to bladder pump.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date: 10/4/10 Page 1 of 2 Well ID: 85

Field Personnel Michelle Carbonneau Purging Start Time: 16.29

Well Depth as installed (ft.): 20 Measured Well Depth (ft.): 14.65

Screen Length in ft. 10 Screen Depth in ft. 10 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 14.659 From: 10 Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): 15 From: 20 Total Volume Purged, Including Drawdown (gallons): _____

Sample Designation 80018-GW-MW85-1010 Time at Purge Completion: 1804

Sample Time 5 min 1804 Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder pump

Multimeter model and serial number ysi 600 XL Turbidity meter model and serial number La Motte 2020

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
~~9~~ 16:29		400	14.65			14.10	x479	5.52	-207.4	.34	9.98	
16:34		400	14.65			14.09	x479	5.48	~~-188~~	.33	4.42	
16:39		300	14.66			14.09	479	5.43	-199 -189.4	.33	2.87	
16:44		200	14.66			14.17	481	5.41	-177.1	.32	71.5	Fixed tubing
16:49		100	14.65			14.41	485	5.38	-168.8	.32	31.3	
16:54		100	14.66			14.45	481	5.37	-181.1	.33	14.0	
16:59		100	14.64			14.46	481	5.35	-192.0	.32	13.7	20/10
17:04		160	14.65			14.48	480	5.33	-203.1	.32	6.95	10/5
FB 17:09		160	14.64			14.34	480	5.33	-197.8	.32	55.4	
17:14		120	14.66			14.34	479	5.33	-195.6	.32	4.45	
17:19		100	14.66			14.40	480	5.34	-185.4	.33	1.98	
17:24		80	14.65			14.46	480	5.34	-176.3	.33	1.81	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/4/10 Page 2 of 2 **Well ID :** 85

Field Personnel Michelle Carbonneau Purging Start Time : 1629

Well Depth as installed (ft.): 20 Measured Well Depth (ft.): 14.65

Screen Length in ft. 10 Screen Depth in ft. 10 Parameter Stabilization: (Circle) Yes No

Depth to GW (ft.): 14.69 From: 10 Two Hour Time Limit Reached ? (Circle) Yes No

Pump/Tubing Intake set (ft.): 15 From: 20 Total Volume Purged, Including Drawdown (gallons): _____

Sample Designation 88018-GW-MW85-1010 Time at Purge Completion: 1804

Sample Time 5 min Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder pump

Multimeter model and serial number _____ Turbidity meter model and serial number _____

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1729		300	14.65			14.37	480	5.32	-189.6	.33	1.76	
1734		300	14.67			14.15	477	5.33	-182.4	.33	1.41	
1739		300	14.69			14.11	476	5.34	-170.0	.33	0.96	
1744		300	14.66			14.12	476	5.33	-182.6	.33	0.55	
1749		300	14.66			14.10	476	5.33	-185.6	.33	0.52	
1754		320	14.69			14.10	476	5.35	-168.7	.33	.77	
1759		100	—			14.13	472	5.35	165.0	0.34	0.34	water level meter broke
1804		100	—			14.24	473	5.34	161.4	.33	.78	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

1515 0.98 → 1.00
1518 10.38 → 10.00

Date: 10/4/2010 Page 1 of 2 Well ID: MW-8D
Field Personnel E. JOHNSON Purging Start Time: 1615
Well Depth as installed (ft.): 49 Measured Well Depth (ft.):
Screen Length in ft. 10 Screen Depth in ft. 49 Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): From: 39 Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): ~44 From: 49 Total Volume Purged, Including Drawdown (gallons): ~5.5
Sample Designation 80018-GW-MW8D-1010 Time at Purge Completion: 1729
Sample Time 1730 Signature: Earl Johnson
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) BLADDER PUMP
Multimeter model and serial number YSI 600XL 01K0643AA Turbidity meter model and serial number LaMotte 2020e ME 13756
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1624	10.0 / 5.0	280	13.25	–	–	12.67	0.392	6.93	160.3	8.73	NM	
1629	10.0 / 5.0	280	13.25	–	–	12.62	0.394	6.90	150.4	8.39	39.5	cloudy purge H_2O
1634	10.0 / 5.0	280	13.25	–	–	12.58	0.400	6.89	140.6	8.20	30.5	cloudy purge H_2O
1639	10.0 / 5.0	280	13.25	–	–	12.56	0.405	6.88	132.0	8.26	26.9	
1644	10.0 / 5.0	280	13.25	–	–	12.55	0.408	6.88	125.9	8.35	21.6	slowly clearing up
1649	10.0 / 5.0	280	13.25	–	–	12.52	0.411	6.89	120.5	8.47	19.9	
1654	10.0 / 5.0	280	13.25	–	–	12.51	0.414	6.88	117.5	8.53	18.2	
1659	10.0 / 5.0	280	13.25	–	–	12.50	0.417	6.87	114.5	8.59	20.3	
1704	10.0 / 5.0	280	13.25	–	–	12.49	0.417	6.88	112.1	8.62	12.9	
1709	10.0 / 5.0	280	13.25	–	–	12.49	0.417	6.88	110.2	8.71	11.1	
1714	10.0 / 5.0	280	13.25	–	–	12.45	0.418	6.88	109.2	8.70	9.75	
1719	10.0 / 5.0	280	13.25	–	–	12.45	0.418	6.88	109.5	8.76	7.95	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/4/10 Page 2 of 2 **Well ID :** MW-8D
Field Personnel E. JOHNSON Purging Start Time : 1615
Well Depth as installed (ft.): 49 Measured Well Depth (ft.): _____
Screen Length in ft. 10 Screen Depth in ft. 49 Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): _____ From: 39 Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): ~44 From: 49 Total Volume Purged, Including Drawdown (gallons): ~5.5
Sample Designation 80018-GW-MW8D-1010 Time at Purge Completion: 1729
Sample Time 1730 Signature: [signature]
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) BLADDER PUMP
Multimeter model and serial number YSI 600 XL 01K0643AA Turbidity meter model and serial number LAMOTTE 2020E ME 13756
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1724	10.0 / 5.0	280	13.25	-	-	12.44	0.419	6.88	108.1	8.82	8.82	
1729	10.0 / 5.0	280	13.25	-	-	12.44	0.419	6.88	108.2	8.85	8.29	PARAMETERS STABLE,
												SAMPLING BEGINS 1730.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/5/10 Page 1 of 2

Well ID : MW-9S

Field Personnel Michelle Carbonneau

Purging Start Time : 1510

Well Depth as installed (ft.): 15

Measured Well Depth (ft.): _____

Screen Length in ft. 10 Screen Depth in ft. 5

Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 7.99 From: _____

Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): 10 From: _____

Total Volume Purged, Including Drawdown (gallons): _____

Sample Designation _____

Time at Purge Completion: _____

Sample Time 5:25

Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) bladder pump

Multimeter model and serial number YSI 600XL/22A147 AB Turbidity meter model and serial number LaMotte 2020

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
3:20		400	8.41			20.33	.552	7.10	244.2	.97	27.2	
3:25												- paused to move truck
3:30		200	8.34			20.7	.546	6.71	220.1	.43	44.5	
3:35		200	8.34			20.04	.547	6.72	220.7	.38	38.9	
3:45			8.15			19.64	.541	6.68	-162.3	.43		
3:50		160	8.14			19.60	.541	6.73	-180.0	.44	29.9	
3:55		80	8.13			19.55	.539	6.72	-188.0	.46	32.6	
4:00		400	8.31			20.33	.546	6.67	-213.3	.36	24.2	
4:05		320	8.39			20.20	.549	6.65	-214.1	.32	15.3	
4:10		320	8.47			20.14	.547	6.66	-214.0	.31	14.4	
4:15		320	8.47			20.11	.547	6.67	-214.0	.30	12.6	
4:20		320	8.47			20.10	.546	6.68	-211.6	.30	11.4	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/5/10 Page 2 of 2 **Well ID :** MW-95
Field Personnel Michelle Carbonneau Purging Start Time : 1510
Well Depth as installed (ft.): 15 Measured Well Depth (ft.): _____
Screen Length in ft. 10 Screen Depth in ft. 5 Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): 7.99 From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): 10 From: _____ Total Volume Purged, Including Drawdown (gallons): _____
Sample Designation _____ Time at Purge Completion: _____
Sample Time 5:25 Signature: _____
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____
Multimeter model and serial number _____ Turbidity meter model and serial number _____
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm	(6.68)	mV	mg/L	NTU	
4:25		360	8.49			20.10	.546	~~.30~~	-209	0.30	12.9	
4:30		320	8.49			20.07	.545	6.67	-208.2	.29	10.31	
4:35		280	8.49			20.07	.549	6.68	-202.0	.35	9.91	
4:40		280	8.49			20.08	.549	6.67	-203.4	.30	8.35	
4:45		280	8.49			20.07	.549	6.68	-201.1	.29	8.02	
4:50		280	8.49			20.07	.549	6.67	-193	.30	6.88	
4:55		280	8.49			20.08	.548	6.67	-188.0	0.29	11.12	
5:00		280	8.49			20.04	.548	6.67	-196.3	.28	6.17	
5:05		280	8.49			20.06	.548	6.67	-194.0	.28	6.17	
5:10		280	8.49			20.06	.548	6.66	-193.2	.28	5.36	
5:15		280	8.49			20.05	.548	6.67	-188.7	.29	5.73	slight oil sheen / musky scent
5:20		280	8.49			20.05	.547	6.65	-188.6	.28	4.99	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/5/2010 Page 1 of 1 **Well ID :** MW-9D

Field Personnel E. JOHNSON Purging Start Time : 1405

Well Depth as installed (ft.): 29 Measured Well Depth (ft.): _____

Screen Length in ft. 5 Screen Depth in ft. 29 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): _____ From: 24 Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): _____ From: 29 Total Volume Purged, Including Drawdown (gallons): ~2 g

Sample Designation _____ Time at Purge Completion: _____

Sample Time _____ Signature: _____

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____

Multimeter model and serial number YSI 600XL Turbidity meter model and serial number LAMOTTE 2020E

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

~30 psi

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1410	13.5 / 1.5	~80	9.61			16.04	0.221	6.31	55.4	3.06	58.8	SLOW RECHARGE, FAIRLY CLR, LITTLE MUSTY ODOR
1415	13.0 / 2.0	~80	9.66			16.62	0.230	6.20	57.9	2.49	46.3	PUMP SET TO 30 PSI w/ 13.5/1.5
1420	13.5 / 1.5	~150	9.69			16.13	0.224	6.16	62.6	2.05	23.2	CYCLE TO PREVENT DRAW DOWN
1425	13.5 / 1.5	100	9.90			16.19	0.220	6.14	65.7	1.71	20.1	
1430	13.5 / 1.5	100	9.95			16.16	0.217	6.13	68.8	1.59	15.9	
1435	13.5 / 1.5	100	10.00			16.05	0.213	6.12	72.4	1.49	13.5	
1440	13.5 / 1.5	100	10.01			16.00	0.212	6.12	75.2	1.41	10.66	
1445	13.5 / 1.5	100	10.03			15.95	0.212	6.12	77.3	1.33	13.5	
1450	13.5 / 1.5	100	10.04			15.90	0.212	6.10	79.4	1.28	10.83	
1455	13.5 / 1.5	100	10.06			15.79	0.212	6.10	81.9	1.23	5.88	
1500	13.5 / 1.5	100	10.08			15.76	0.213	6.10	83.6	1.20	5.39	
1505	13.5 / 1.5	100	10.08			15.72	0.214	6.10	85.4	1.14	5.89	STABILIZED, SAMPLE @ 1510.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/7/10 Page 1 of _____ **Well ID :** 10

Field Personnel Michelle Corbonneau Purging Start Time : 10:05

Well Depth as installed (ft.): 17 Measured Well Depth (ft.): _____

Screen Length in ft. 10 Screen Depth in ft. 7 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 10.33 From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From: _____ Total Volume Purged, Including Drawdown (gallons): _____

Sample Designation Field sample Time at Purge Completion: _____

Sample Time 11:10 Signature: Michelle Corbeau

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) 2020

Multimeter model and serial number YSI 6600XL 02A1047AB Turbidity meter model and serial number Lamotte 246856

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
10:10	10 5	400	10.34			16.89	.622	7.01	284.0	3.44	133	musty scent / ~~Slo~~
10:15		400	10.34			16.69	.595	6.72	-282.2	1.85	52.0	
10:20		400	10.34			16.61	.580	6.67	-272.0	1.06	34.6	
10:25		400	10.34			16.57	.592	6.56	-168.0	0.76	20.7	
10:30		400	10.34			16.53	.601	6.52	-151.0	0.64	15.9	
10:35		400	10.34			16.52	.616	6.49	-138.0	0.61	9.61	
10:40		400	10.34			16.56	.628	6.46	-129.8	.52	8.64	slight oil sheen
10:45		400	10.34			16.51	.638	6.43	-121.9	.46	7.07	
10:50		400	10:34			16.49	.647	6.41	-116.0	~~.44~~ .46	5.27	
10:55		400	10.34			16.49	.653	6.43	-112.4	.46 .48	4.47	
11:00		400	10.34			16.51	.660	6.44	-110.0	.44	3.69	
11:05		400	10.34			16.48	.663	6.42	-107.0	.43	3.94	sampled at 11:10

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/6/2010 Page 1 of 1 **Well ID :** MW-11D

Field Personnel E. JOHNSON Purging Start Time : 1420

Well Depth as installed (ft.): 37 Measured Well Depth (ft.): 36.36

Screen Length in ft. 10 Screen Depth in ft. 37 Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 9.44 From: 27 Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From: Total Volume Purged, Including Drawdown (gallons): ~2.5

Sample Designation field sample Time at Purge Completion: 1510

Sample Time 1515 Signature: Eric Johnson

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) BLADDER

Multimeter model and serial number YSI 600XL 01K0643AA Turbidity meter model and serial number Lamotte 2020x EJ 4091

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
						✓	✓	✓	✓	✓	✓	
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1425	5 / 10	100	9.65			14.00	0.408	6.50	146.6	5.22	52.1	
1430	3.5 / 11.5	130	9.66			13.94	0.406	6.49	147.7	5.19	30.0	
1435	3.5 / 11.5	130	9.66			13.81	0.406	6.42	147.1	5.14	26.5	
1440	3.5 / 11.5	130	9.65			13.72	0.404	6.38	149.0	5.14	17.0	
1445	3.5 / 11.5	130	9.66			13.63	0.400	6.36	150.5	5.20	11.9	
1450	3.5 / 11.5	130	9.66			13.67	0.395	6.32	152.2	5.29	10.03	
1455	3.5 / 11.5	130	9.66			13.76	0.391	6.27	153.7	5.40	10.96	
1500	3.5 / 11.5	130	9.66			13.86	0.386	6.22	155.9	5.50	6.79	
1505	3.5 / 11.5	130	9.66			13.73	0.383	6.19	157.4	5.53	6.51	
1510	3.5 / 11.5	120	9.66			13.67	0.378	6.16	159.0	5.54	4.70	STABLIZED RDGS, SAMPLE TIME 1515

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/4/2010 Page 1 of 1 **Well ID :** MW-125

Field Personnel K Armitage Purging Start Time : ~~1520~~ KA 1540

Well Depth as installed (ft.): Measured Well Depth (ft.): 15.27 / 11.26 DTW

Screen Length in ft. Screen Depth in ft. Parameter Stabilization: (Circle) Yes / No

Depth to GW (ft.): 11.21 From: PVC Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): 14.5 From: PVC Total Volume Purged, Including Drawdown (gallons): ~1 gallon

Sample Designation Field Sample 80018-GW-MW125-1212 Time at Purge Completion: 1620

Sample Time Signature: K Armitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) p= 10psi

Multimeter model and serial number 650 MDS / 0000 Turbidity meter model and serial number LaMotte 2020/ 6767

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Replaced tubing in well.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	~~µS~~ mS/cm		mV	mg/L	NTU	
1540	10 / 5		11.21									start pumping p=15psi
1545	10 / 5		11.50	0.29	0.29	15.87	1.57	6.97	-130.2	3.11	52.3	p=10 psi
1550	10 / 5	~100	11.84	0.34	0.63	16.18	1.53	7.09	-131.6	1.59	39.6	
1555	10 / 5	~100	12.12	0.28	0.91	16.44	1.54	7.12	-127.2	1.53	13.7	
1600	10 / 5	~100	12.23	0.11	1.02	16.49	1.55	7.15	-132.2	1.27	7.57	
1605	10 / 5	~110	12.50	0.27	1.29	16.50	1.56	7.17	-131.5	1.07	6.29	
1610	10 / 5	~105	12.83	0.33	1.62	16.50	1.57	7.21	-133.2	0.97	6.05	
1615	10 / 5	~105	>12.91	bladder	pump	16.48	1.58	7.27	-141.0	0.83	5.93	Parameters stable.
1618	10 / 5	~65										KA
1620		pumped dry										KA Pumped dry.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Attachment B, Page 1 of 1
Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/6/10 Page 1 of 2 **Well ID :** MW-12D

Field Personnel KMArmitage Purging Start Time : 1250

Well Depth as installed (ft.): 10/4 Measured Well Depth (ft.): 63.17 —

Screen Length in ft. Screen Depth in ft. Parameter Stabilization: (Circle) Yes / No Almost

10/4 Depth to GW (ft.): 11.93 — From: Two Hour Time Limit Reached ? (Circle) Yes / No

Pump/Tubing Intake set (ft.): From: Total Volume Purged, Including Drawdown (gallons): 3+1.5 = 4.5

Sample Designation Field Sample. Time at Purge Completion: 1530

Sample Time 1445 Signature: KMArmitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) p = 35 psi

Multimeter model and serial number YSI 650 MDS/6000 Turbidity meter model and serial number LaMotte 2020/6767

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1247	10 / 5	—	11.97	—	—	—	—	—	—	—	—	adjusting p/vol.
1255	10 / 5	160	12.01	0.04	0.04	15.12	0.398	6.44	56.4	4.04	99.6	p = 30 psi / v = 120 ml/min.
1300	10 / 5	160	12.01	—	0.04	14.74	0.418	6.43	69.1	4.11	76.7	p = ~35 psi. ✓
1305	10 / 5	160	12.01	—	0.04	14.64	0.425	6.41	77.8	4.03	60.3	
1310	10 / 5	160	12.01	—	0.04	14.60	0.426	6.41	82.2	3.98	55.9	
1315	10 / 5	160	12.02	—	0.05	14.58	0.426	6.39	87.5	3.90	41.2	
1320	10 / 5	160	12.02	—	0.05	14.56	0.426	6.39	90.4	3.89	38.7	
1325	10 / 5	160	12.02	—	0.05	14.56	0.427	6.39	93.1	3.85	30.4	
1330	10 / 5	160	12.02	—	0.05	14.55	0.427	6.40	95.6	3.84	25.2	
1335	10 / 5	160	12.02	—	0.05	14.53	0.427	6.40	97.3	3.82	19.6	
1340	10 / 5	160	12.02	—	0.05	14.49	0.427	6.40	99.2	3.82	17.8	
1345	10 / 5	160	12.02	—	0.05	14.49	0.427	6.40	101.1	3.81	17.1	
1350		160	12.02	—	0.05	14.47	0.428	6.40	102.7	3.79	13.2	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

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Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

See Page 1

Date : 10/6/10 Page 2 of 2 **Well ID :** MW-12D
Field Personnel KMA Purging Start Time : _____
Well Depth as installed (ft.): _____ Measured Well Depth (ft.): _____
Screen Length in ft. _____ Screen Depth in ft. _____ Parameter Stabilization: (Circle) Yes / No
Depth to GW (ft.): _____ From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No
Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): _____
Sample Designation _____ Time at Purge Completion: _____
Sample Time 1445 Signature: _____
Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____
Multimeter model and serial number _____ Turbidity meter model and serial number _____
Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1355	10 / 5	160	12.02	—	0.05	14.49	0.428	6.41	~~3.7~~	3.79	12.9	ORP=103.6
1400	10 / 5	160	12.02	—	0.05	14.50	0.430	6.41	105.6	3.78	12.1	
1405	10 / 5	160	12.02	—	0.05	14.51	0.430	6.41	106.2	3.78	11.8	
1410	10 / 5	160	12.02	—	0.05	14.49	0.430	6.42	106.8	3.78	8.08	
1415	10 / 5	160	12.02	—	0.05	14.48	0.430	6.42	107.6	3.78	7.47	
1420	10 / 5	160	12.02	—	0.05	14.52	0.431	6.42	107.9	3.79	7.09	
1425	10 / 5	160	12.02	—	0.05	14.53	0.431	6.42	108.7	3.79	6.44	
1430	10 / 5	160	12.02	—	0.05	14.50	0.431	6.41	109.1	3.78	6.01	
1435	10 / 5	160	12.02	—	0.05	14.48	0.430	6.41	110.3	3.79	5.74	
1440	10 / 5	160	12.02	—	0.05	14.47	0.430	6.41	111.0	3.78	6.09	
1445												Sample collected.

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

Nobis Engineering, Inc. nobisengineering.com

Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/7/10 Page 1 of 2 **Well ID :** MW-13

Field Personnel KMArmitage Purging Start Time : 1135

Well Depth as installed (ft.): _____ 10/4 Measured Well Depth (ft.): _____

Screen Length in ft. _____ Screen Depth in ft. _____ Parameter Stabilization: (Circle) Yes / No - ~~pH~~ turbidity started to increase at the end.

10/4 Depth to GW (ft.): — From: _____ Two Hour Time Limit Reached ? (Circle) (Yes) / No

Pump/Tubing Intake set (ft.): _____ From: _____ Total Volume Purged, Including Drawdown (gallons): ~2.5

Sample Designation field sample. Time at Purge Completion: 1500

Sample Time 1325 Signature: KArmitage

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) P = ~15psi

Multimeter model and serial number YSI 650MDS/0000 Turbidity meter model and serial number LaMotte 2020/6767

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

No answer @ the door again. Car is parked out front - 1200 lady of the house came out - I informed her of the work we were doing & said we had tried to get in touch earlier this week. She was ok w/. it.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1135	10 / 5	—	15.88	—	—	—	—	—	—	—	—	
1140	10 / 5	100	15.89	0.01	0.01	15.03	0.427	5.59	116.9	7.71	122	P = ~15psi
1145	10 / 5	100	15.89	0.0	0.01	14.85	0.424	5.52	128.7	7.33	91.5	
1150	10 / 5	100	15.89	0.0	0.01	14.79	0.423	5.49	136.6	7.24	90.7	
1155	10 / 5	100	15.89	—	0.01	14.74	0.426	5.45	147.0	7.14	88.3	
1200	10 / 5	100	15.89	—	0.01	14.81	0.435	5.43	154.2	7.14	82.4	
1205	10 / 5	100	15.89	—	0.01	14.85	0.438	5.42	158.6	7.13	76.8	
1210	10 / 5	100	15.89	—	0.01	14.80	0.438	5.42	162.2	7.13	61.0	
1215	10 / 5	100	15.89	—	0.01	14.79	0.441	5.41	166.8	7.12	56.8	
1220	10 / 5	100	15.89	—	0.01	14.79	0.441	5.41	170.4	7.12	50.9	
1225	10 / 5	100	15.89	—	0.01	14.79	0.442	5.40	172.8	7.11	48.1	
1230	10 / 5	100	15.89	—	0.01	14.79	0.442	5.40	174.9	7.11	38.4	

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

Nobis Engineering, Inc. nobisengineering.com

Low-Flow Field Log

SOP No: SA-003
Date: Mar. 2010

Rev.: 2

Prepared by: S. Bonis
Approved by: M. Summerlin

Date : 10/7/10 Page 2 of 2 **Well ID :** MW-13

Field Personnel KMA

Well Depth as installed (ft.): _____ Purging Start Time : _____

Screen Length in ft. _____ Screen Depth in ft. _____ Measured Well Depth (ft.): _____

Depth to GW (ft.): _____ From: _____ Parameter Stabilization: (Circle) Yes / No

Pump/Tubing Intake set (ft.): _____ From: _____ Two Hour Time Limit Reached ? (Circle) Yes / No

Sample Designation Field Sample Total Volume Purged, Including Drawdown (gallons): _____

Sample Time 1325 Time at Purge Completion: _____

Signature: [signature]

See Page 1

Pump Type (include pressure, discharge, and recharge for bladder pump under pump setting and comments) _____

Multimeter model and serial number _____ Turbidity meter model and serial number _____

Notes: (initial wellhead PID/FID reading, deviations from SOP, etc.)

Note turbidity value started to increase. Calchecked the meter - it was calibrated perfectly.

Clock Time	Discharge / Refill / Pump Setting	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp. +/- 3%	Spec. Cond. +/- 3%	pH +/- 0.1	ORP +/-10	DO +/- 10% if >0.5 mg/L	Turbidity +/- 10% if > 5 NTU	Comments / Gas Pressure / Observations
HHMM	sec. / sec. or setting	ml/min	ft.	ft.	ft.	°C	µS/cm		mV	mg/L	NTU	
1235	10 / 5	100	15.89	—	0.01	14.81	0.441	5.40	178.7	7.10	29.9	
1240	10 / 5	100	15.89	—	0.01	14.81	0.441	5.40	180.0	7.10	23.6	
1245	10 / 5	100	15.89	—	0.01	14.81	0.440	5.40	183.3	7.09	18.8	
1250	10 / 5	100	15.89	—	0.01	14.80	0.436	5.40	183.9	7.08	14.4	
1255	10 / 5	100	15.89	—	0.01	14.80	0.434	5.40	184.6	7.07	12.2	
1300	10 / 5	100	15.89	—	0.01	14.80	0.434	5.39	187.1	7.07	11.6	
1305	10 / 5	100	15.89	—	0.01	14.81	0.433	5.40	187.9	7.06	9.87	
1310	10 / 5	100	15.89	—	0.01	14.81	0.431	5.40	189.6	7.04	8.27	
1315	10 / 5	100	15.89	—	0.01	14.80	0.430	5.41	190.7	7.04	9.53	
1320	10 / 5	100	15.89	—	0.01	14.80	0.430	5.40	192.9	7.03	10.02	
1325					✓	✓	✓	✓	✓	✓	11.4	Collect sample

Notes: All depths in feet below top of PVC unless specified.
NR = No Reading
Use the back of the log to record additional observations and descriptions.

APPENDIX F

GeoTesting
express
a subsidiary of Geocomp Corporation

Boston
Atlanta
New York

www.geocomp.com/geotesting

January 20, 2009

Mr. Dominic Mattioni
Nobis Engineering, Inc.
18 Chenell Drive
Concord, NH 03301

Re: EPA Region 1 – EP-S1-06-03 Project (GTX-8696)

Dear Mr. Mattioni:

Enclosed are the test results you requested for the above referenced project. GeoTesting Express, Inc. (GTX) received 21 soil samples from you on November 21, 2008. These samples were labeled as follows:

0018S-D00171	0018S-D00179	0018S-D00185
0018S-D00172	0018S-D00180	0018S-D00186
0018S-D00173	0018S-D00181	0018S-D00187
0018S-D00174	0018S-D00182	0018S-D00188
0018S-D00175	0018S-D00182 (duplicate)	0018S-D00189
0018S-D00177	0018S-D00183	0018S-D00190
0018S-D00178	0018S-D00184	0018S-D00190 (duplicate)

GTX performed the following tests on these samples:

9 Moisture Content Tests (ASTM D 2216)
17 Grain Size Analyses (ASTM D 422) – sieve portion only
4 Grain Size Analyses (ASTM D 422) with hydrometer
3 Atterberg Limits (ASTM D 4318)
2 Incremental Consolidation Tests (ASTM D 2435)

GTX performed the consolidation tests using the loading sequence provided by you.

The results presented in this report apply only to the items tested. This report shall not be reproduced except in full, without written approval from GeoTesting Express. The remainder of these samples will be retained for a period of sixty (60) days and will then be discarded unless otherwise notified by you. Please call me if you have any questions or require additional information. Thank you for allowing GeoTesting Express the opportunity of providing you with testing services. We look forward to working with you again in the future.

Respectfully yours,

Joe Tomei
Laboratory Manager

GeoTesting express
a subsidiary of Geocomp Corporation

1145 Massachusetts Avenue
Boxborough, MA 01719
978 635 0424 Tel
978 635 0266 Fax

Geotechnical Test Report

January 20, 2009

GTX-8696
EPA Region 1 – EP-S1-06-03 Project

Prepared for:

Nobis

GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: ---	Tested By:	ap
Sample ID:---	Test Date: 01/20/09	Checked By:	jdt
Depth : ---	Sample Id: ---		

Moisture Content of Soil - ASTM D 2216-05

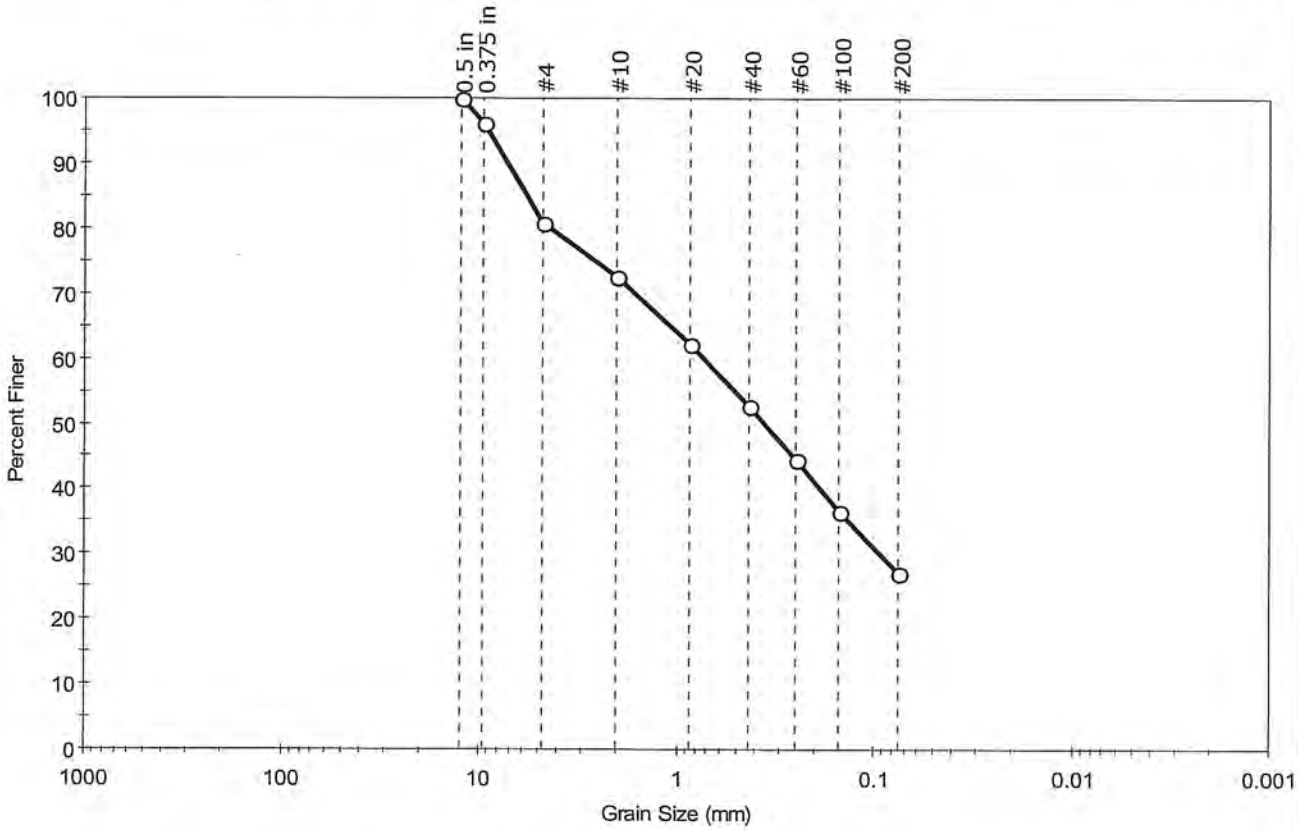
Boring ID	Sample ID	Depth	Description	Moisture Content,%
---	0018S-D00181	---	Moist, black silty sand with gravel	24.5
---	0018S-D00182	---	Wet, very dark gray sandy silt	109.3
---	0018S-D00183	---	Moist, black silty sand	69.7
---	0018S-D00184	---	Moist, black silty sand with gravel	23.5
---	0018S-D00185	---	Moist, black sand with silt and gravel	30.2
---	0018S-D00186	---	Moist, black sand with silt and gravel	58.4
---	0018S-D00187	---	Moist, dark gray silty sand with gravel	21.1
---	0018S-D00188	---	Wet, very dark gray sandy silt	101.5
---	0018S-D00189	---	Moist, black sandy silt	128.1

Notes: Temperature of Drying : 110º Celsius

GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00171	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142868		
Test Comment:	---		
Sample Description:	Moist, dark brown silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	19.3	53.5	27.2

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	96		
#4	4.75	81		
#10	2.00	72		
#20	0.85	62		
#40	0.42	53		
#60	0.25	45		
#100	0.15	37		
#200	0.075	27		

Coefficients

D_{85} =5.7557 mm	D_{30} =0.0924 mm
D_{60} =0.7170 mm	D_{15} =N/A
D_{50} =0.3552 mm	D_{10} =N/A
C_u =N/A	C_c =N/A

Classification

ASTM N/A

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

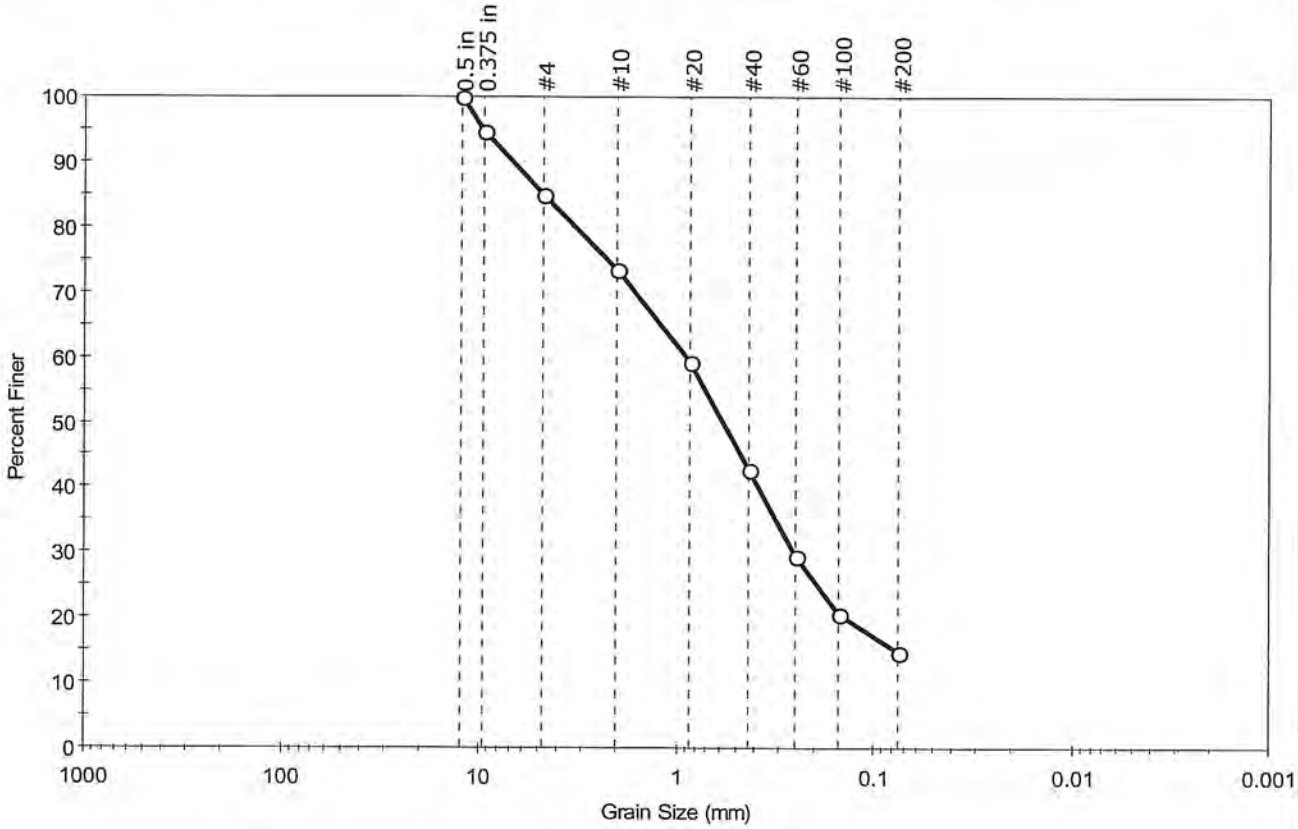
Sand/Gravel Hardness : HARD

printed 12/19/2008 2:44:21 PM

GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00172	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142861		
Test Comment:	---		
Sample Description:	Moist, dark gray silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	15.0	70.4	14.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	95		
#4	4.75	85		
#10	2.00	73		
#20	0.85	59		
#40	0.42	43		
#60	0.25	30		
#100	0.15	21		
#200	0.075	15		

Coefficients

D_{85} =4.7314 mm	D_{30} =0.2543 mm
D_{60} =0.8906 mm	D_{15} =0.0783 mm
D_{50} =0.5762 mm	D_{10} =0.0447 mm
C_u =N/A	C_c =N/A

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

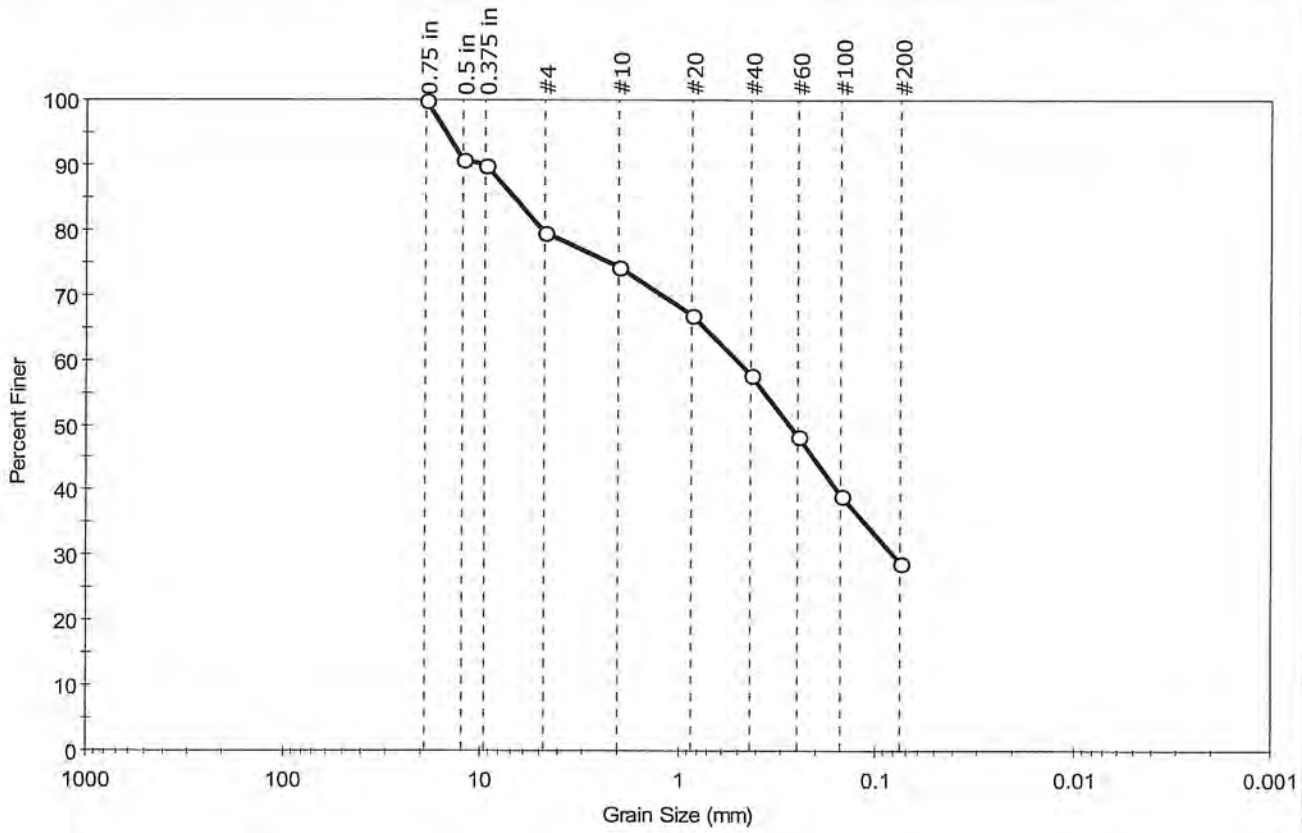
Sand/Gravel Hardness : HARD

printed 12/19/2008 2:44:52 PM

GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00173	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142862		
Test Comment:	---		
Sample Description:	Moist, very dark gray silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	20.2	50.9	28.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.75 in	19.00	100		
0.5 in	12.50	91		
0.375 in	9.50	90		
#4	4.75	80		
#10	2.00	74		
#20	0.85	67		
#40	0.42	58		
#60	0.25	48		
#100	0.15	39		
#200	0.075	29		

Coefficients

D_{85} =6.7672 mm D_{30} =0.0809 mm
D_{60} =0.5006 mm D_{15} =N/A
D_{50} =0.2727 mm D_{10} =N/A
C_u =N/A C_c =N/A

Classification

ASTM N/A

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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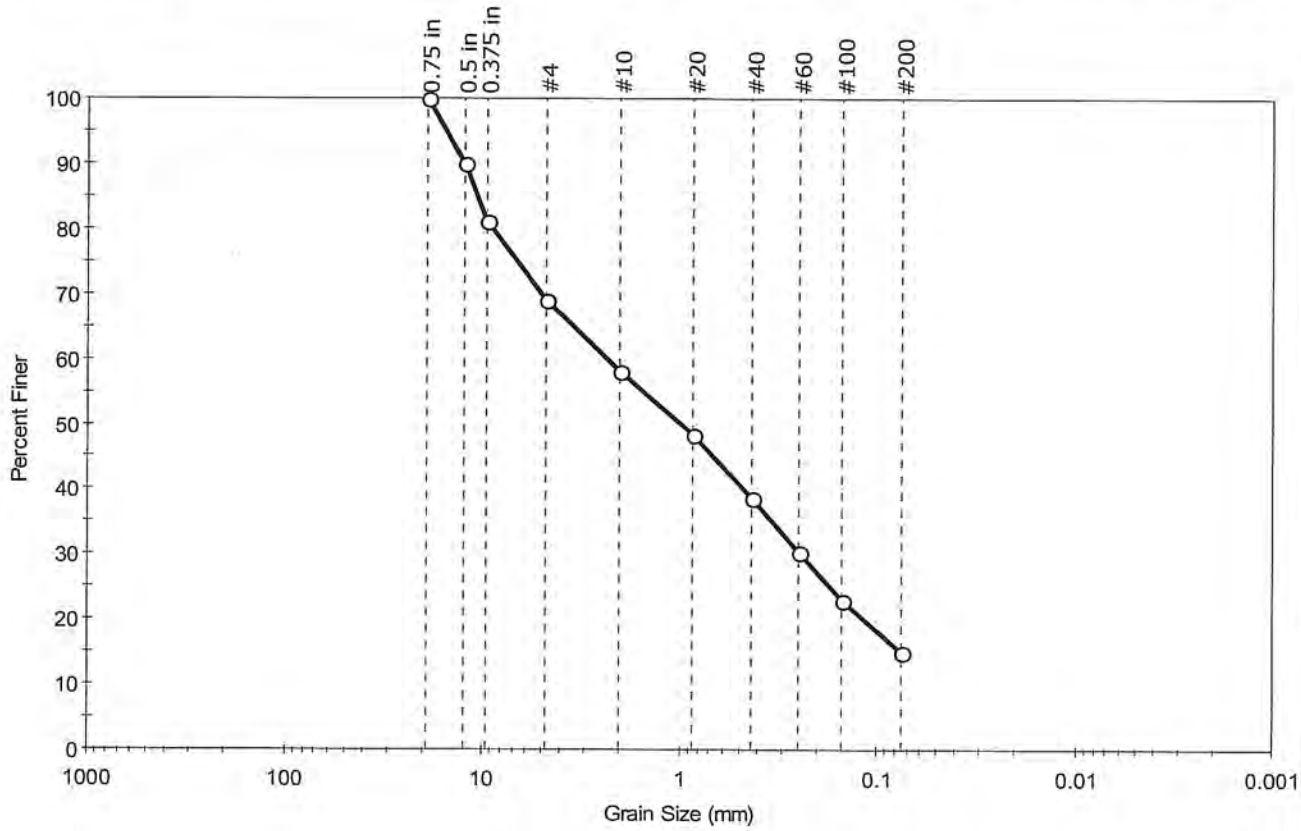
GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00174	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142863		
Test Comment:	---		
Sample Description:	Moist, dark brown silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	31.1	53.9	15.0

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.75 in	19.00	100		
0.5 in	12.50	90		
0.375 in	9.50	81		
#4	4.75	69		
#10	2.00	58		
#20	0.85	48		
#40	0.42	39		
#60	0.25	30		
#100	0.15	23		
#200	0.075	15		

Coefficients

D_{85} = 10.7169 mm D_{30} = 0.2451 mm
D_{60} = 2.3097 mm D_{15} = N/A
D_{50} = 0.9726 mm D_{10} = N/A
C_u = N/A C_c = N/A

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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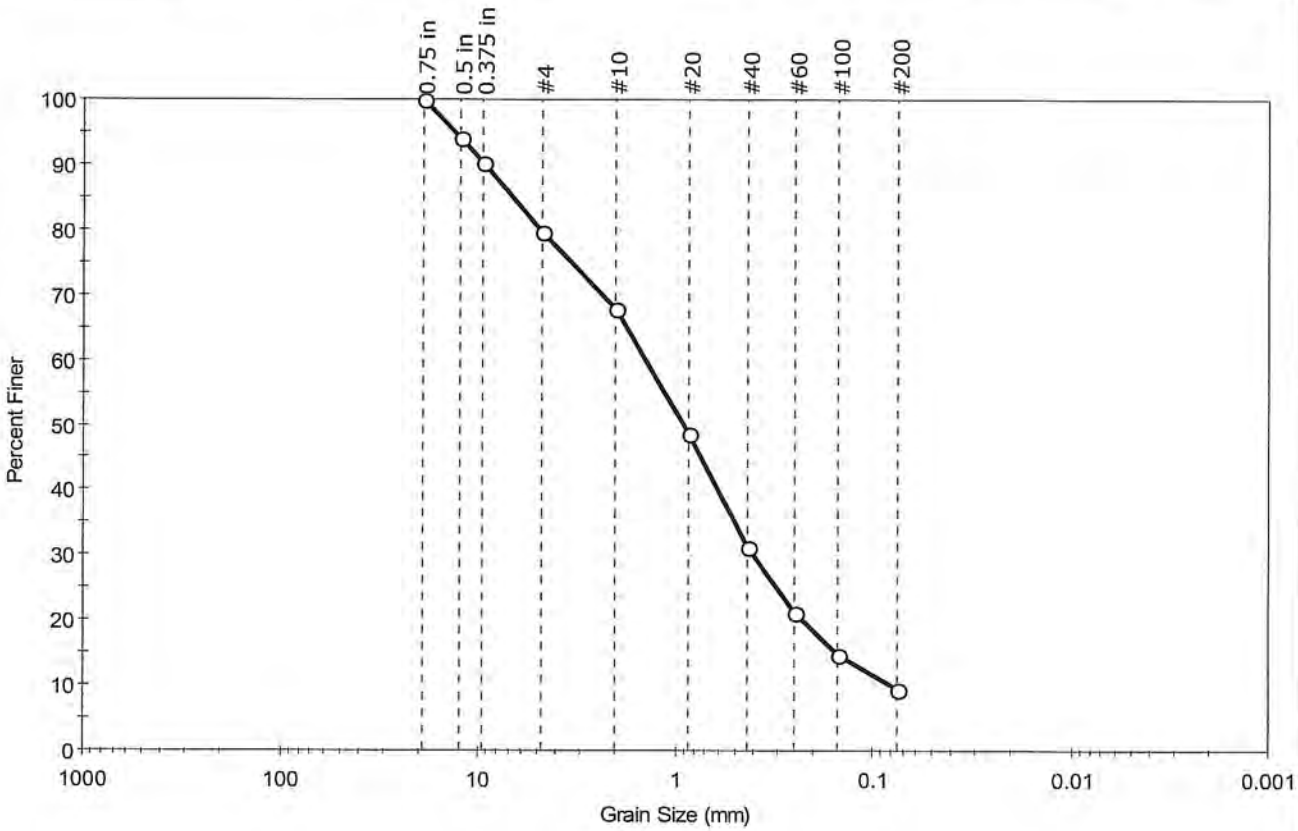
Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00175	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142864		
Test Comment: ---			
Sample Description:	Moist, dark brown sand with silt and gravel		
Sample Comment: ---			

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	20.4	70.1	9.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.75 in	19.00	100		
0.5 in	12.50	94		
0.375 in	9.50	90		
#4	4.75	80		
#10	2.00	68		
#20	0.85	49		
#40	0.42	31		
#60	0.25	21		
#100	0.15	15		
#200	0.075	9		

Coefficients

D_{85} =6.7661 mm	D_{30} =0.3981 mm
D_{60} =1.4129 mm	D_{15} =0.1532 mm
D_{50} =0.9061 mm	D_{10} =0.0804 mm
C_u =17.573	C_c =1.395

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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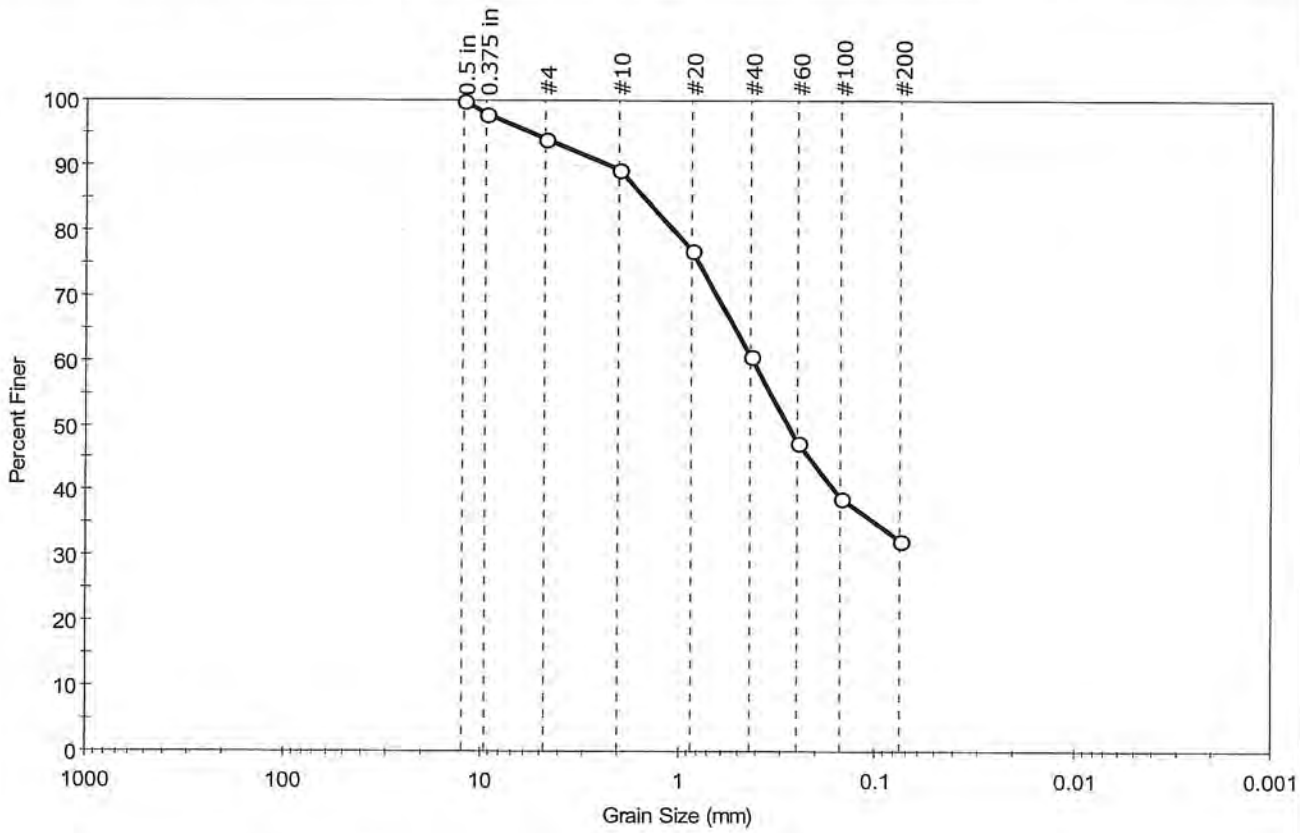
Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00177	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142865		
Test Comment: ---			
Sample Description: Moist, brown silty sand			
Sample Comment: ---			

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	5.8	61.6	32.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	98		
#4	4.75	94		
#10	2.00	89		
#20	0.85	77		
#40	0.42	61		
#60	0.25	47		
#100	0.15	39		
#200	0.075	33		

Coefficients

D_{85} =1.4798 mm D_{30} =N/A
D_{60} =0.4129 mm D_{15} =N/A
D_{50} =0.2772 mm D_{10} =N/A
C_u =N/A C_c =N/A

Classification

ASTM N/A

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

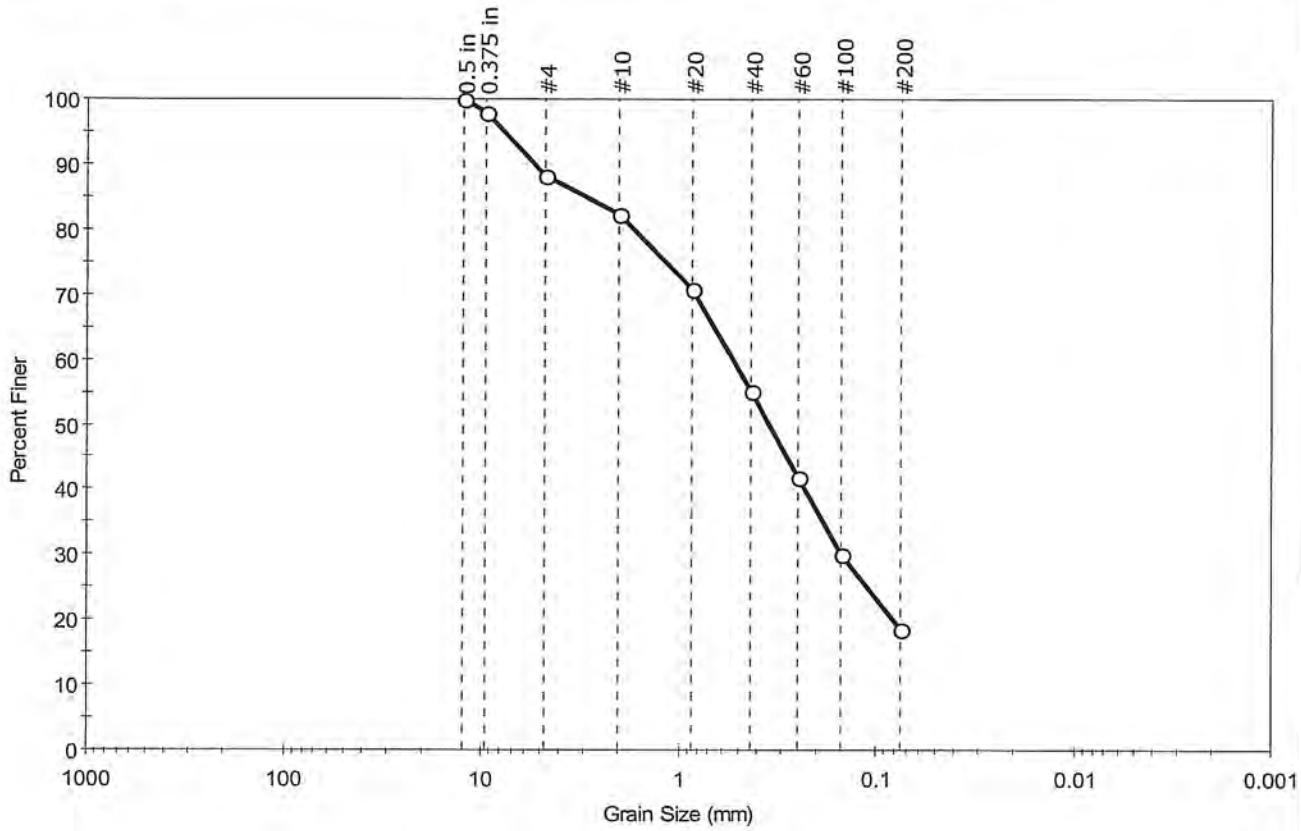
Sand/Gravel Hardness : HARD

printed 12/19/2008 2:46:10 PM

GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00178	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142866		
Test Comment:	---		
Sample Description:	Moist, very dark gray silty sand		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	11.7	69.6	18.7

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	98		
#4	4.75	88		
#10	2.00	82		
#20	0.85	71		
#40	0.42	55		
#60	0.25	42		
#100	0.15	30		
#200	0.075	19		

Coefficients

D_{85} =2.9610 mm D_{30} =0.1502 mm
D_{60} =0.5251 mm D_{15} =N/A
D_{50} =0.3451 mm D_{10} =N/A
C_u =N/A C_c =N/A

Classification

ASTM N/A

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

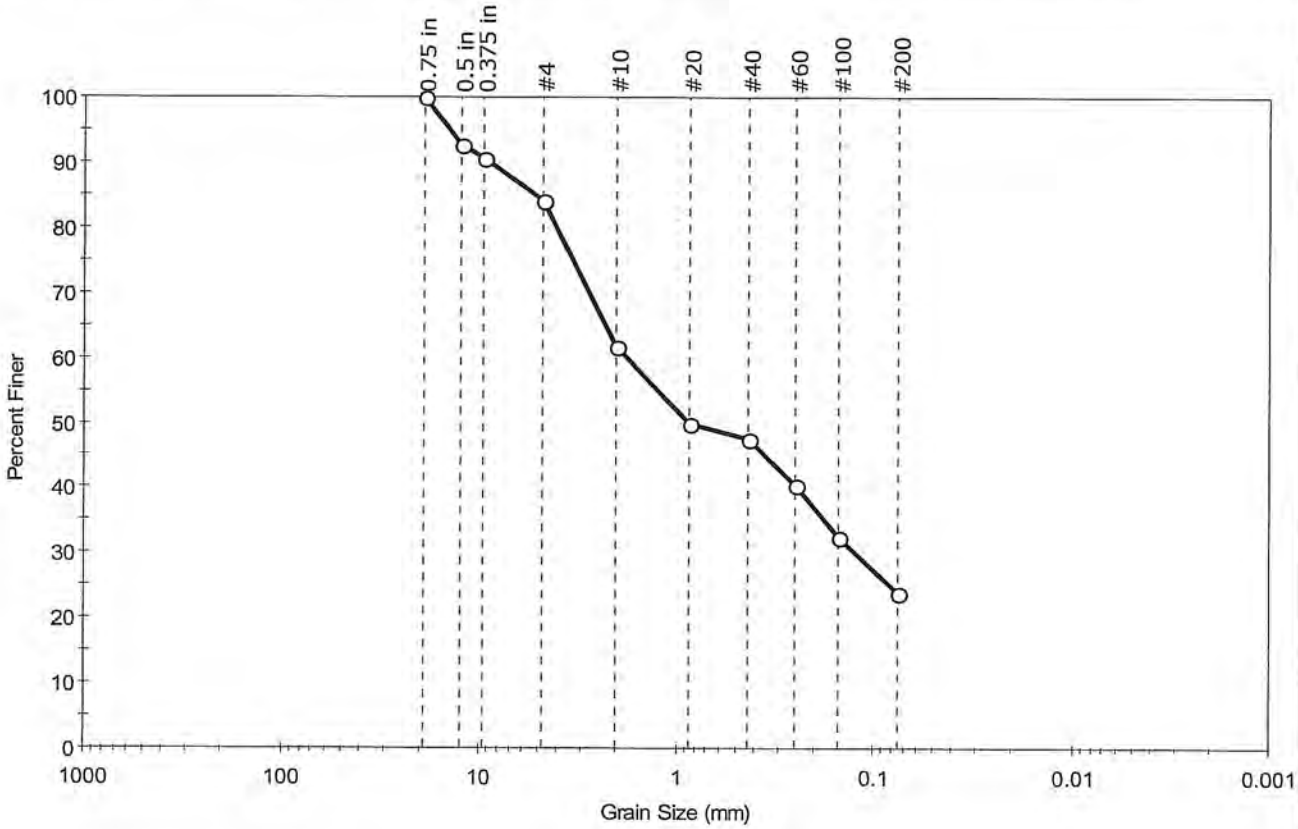
Sand/Gravel Hardness : HARD

printed 12/19/2008 2:46:31 PM

GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00179	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142867		
Test Comment:	---		
Sample Description:	Moist, dark gray silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	15.8	60.4	23.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.75 in	19.00	100		
0.5 in	12.50	93		
0.375 in	9.50	91		
#4	4.75	84		
#10	2.00	62		
#20	0.85	50		
#40	0.42	47		
#60	0.25	40		
#100	0.15	32		
#200	0.075	24		

Coefficients

D_{85} =5.1915 mm	D_{30} =0.1239 mm
D_{60} =1.7685 mm	D_{15} =N/A
D_{50} =0.8543 mm	D_{10} =N/A
C_u =N/A	C_c =N/A

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

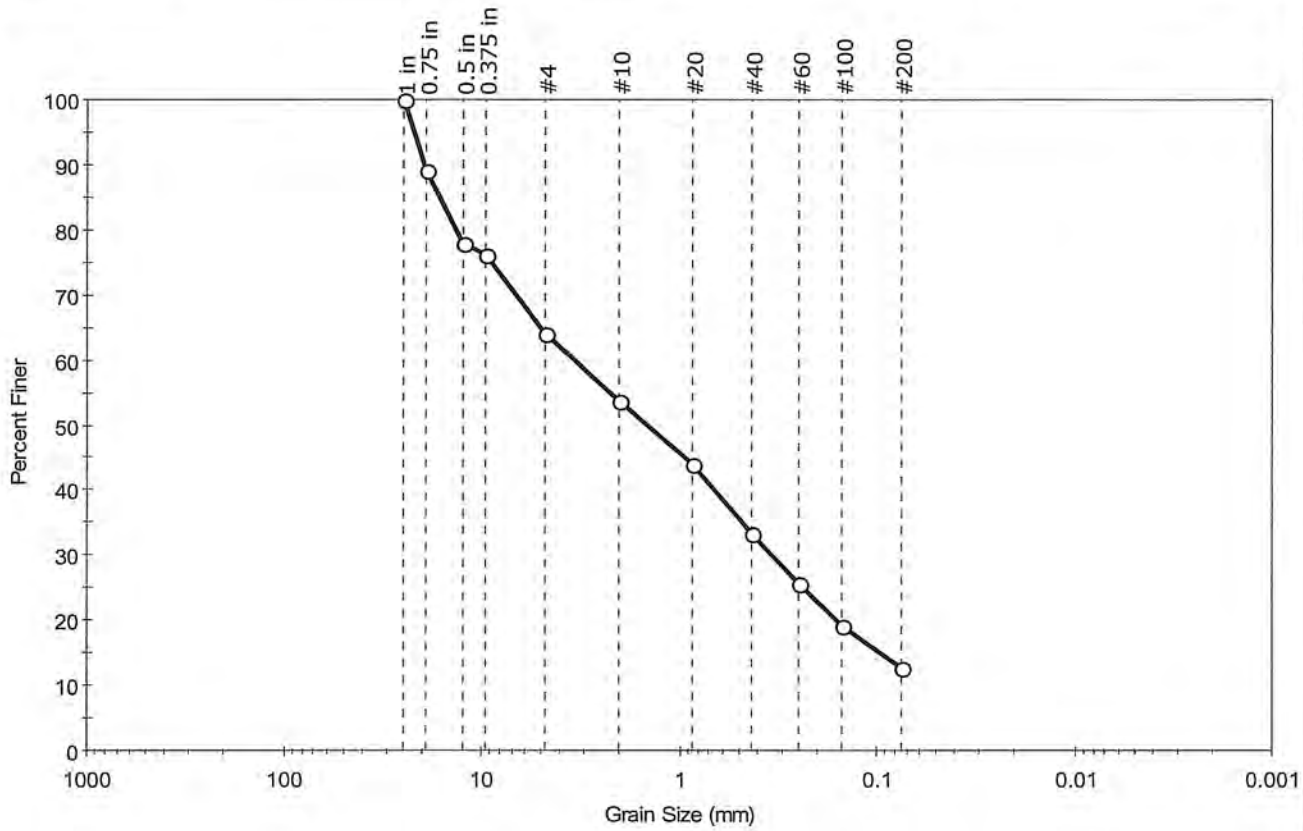
Sand/Gravel Hardness : HARD

printed 12/19/2008 2:46:47 PM

GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00180	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142870		
Test Comment:	---		
Sample Description:	Moist, black silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	35.9	51.5	12.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
1 in	25.00	100		
0.75 in	19.00	89		
0.5 in	12.50	78		
0.375 in	9.50	76		
#4	4.75	64		
#10	2.00	54		
#20	0.85	44		
#40	0.42	33		
#60	0.25	26		
#100	0.15	19		
#200	0.075	13		

Coefficients

D_{85} =16.2658 mm	D_{30} =0.3348 mm
D_{60} =3.3607 mm	D_{15} =0.0963 mm
D_{50} =1.4362 mm	D_{10} =0.0572 mm
C_u =N/A	C_c =N/A

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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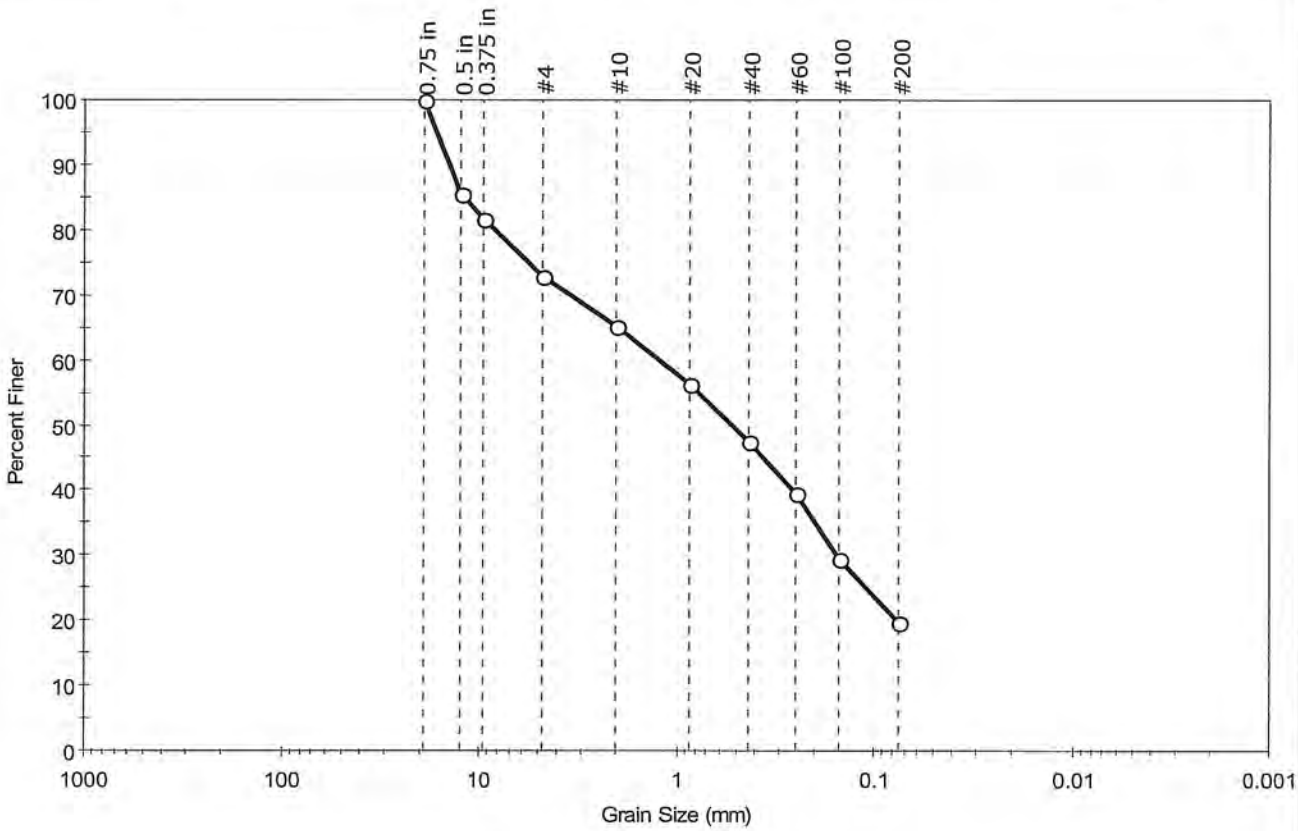
Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00181	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142883		
Test Comment:	---		
Sample Description:	Moist, black silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	27.2	53.0	19.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.75 in	19.00	100		
0.5 in	12.50	86		
0.375 in	9.50	82		
#4	4.75	73		
#10	2.00	65		
#20	0.85	56		
#40	0.42	47		
#60	0.25	40		
#100	0.15	30		
#200	0.075	20		

Coefficients

D_{85} = 12.0337 mm	D_{30} = 0.1530 mm
D_{60} = 1.2101 mm	D_{15} = N/A
D_{50} = 0.5192 mm	D_{10} = N/A
C_u = N/A	C_c = N/A

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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GeoTesting express
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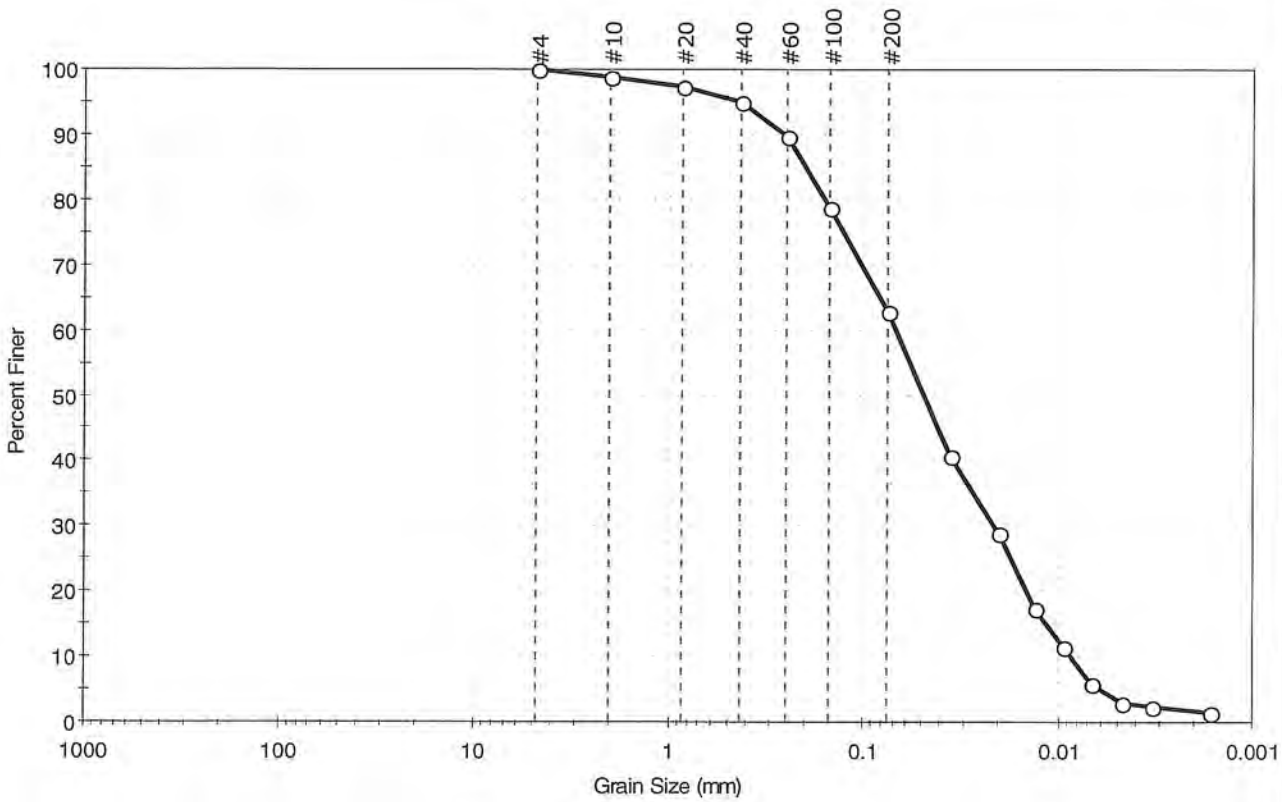
Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: tube	Tested By:	ap
Sample ID:0018S-D00182	Test Date: 12/02/08	Checked By:	jdt
Depth : ---	Test Id: 142895		
Test Comment: ---			
Sample Description:	Wet, very dark gray sandy silt		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	37.1	62.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	97		
#40	0.42	95		
#60	0.25	90		
#100	0.15	79		
#200	0.075	63		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0362	41		
---	0.0203	29		
---	0.0132	17		
---	0.0094	12		
---	0.0067	6		
---	0.0047	3		
---	0.0033	2		
---	0.0017	1		

Coefficients

D_{85} =0.2012 mm	D_{30} =0.0213 mm
D_{60} =0.0682 mm	D_{15} =0.0115 mm
D_{50} =0.0492 mm	D_{10} =0.0086 mm
C_u =N/A	C_c =N/A

Classification

ASTM Sandy silt (ML)

AASHTO Silty Soils (A-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

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a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: tube	Tested By:	ap
Sample ID:0018S-D00182	Test Date: 12/08/08	Checked By:	jdt
Depth : ---	Test Id: 142899		
Test Comment: ---			
Sample Description: Wet, very dark gray sandy silt			
Sample Comment: ---			

Atterberg Limits - ASTM D 4318-05

Sample Determined to be non-plastic

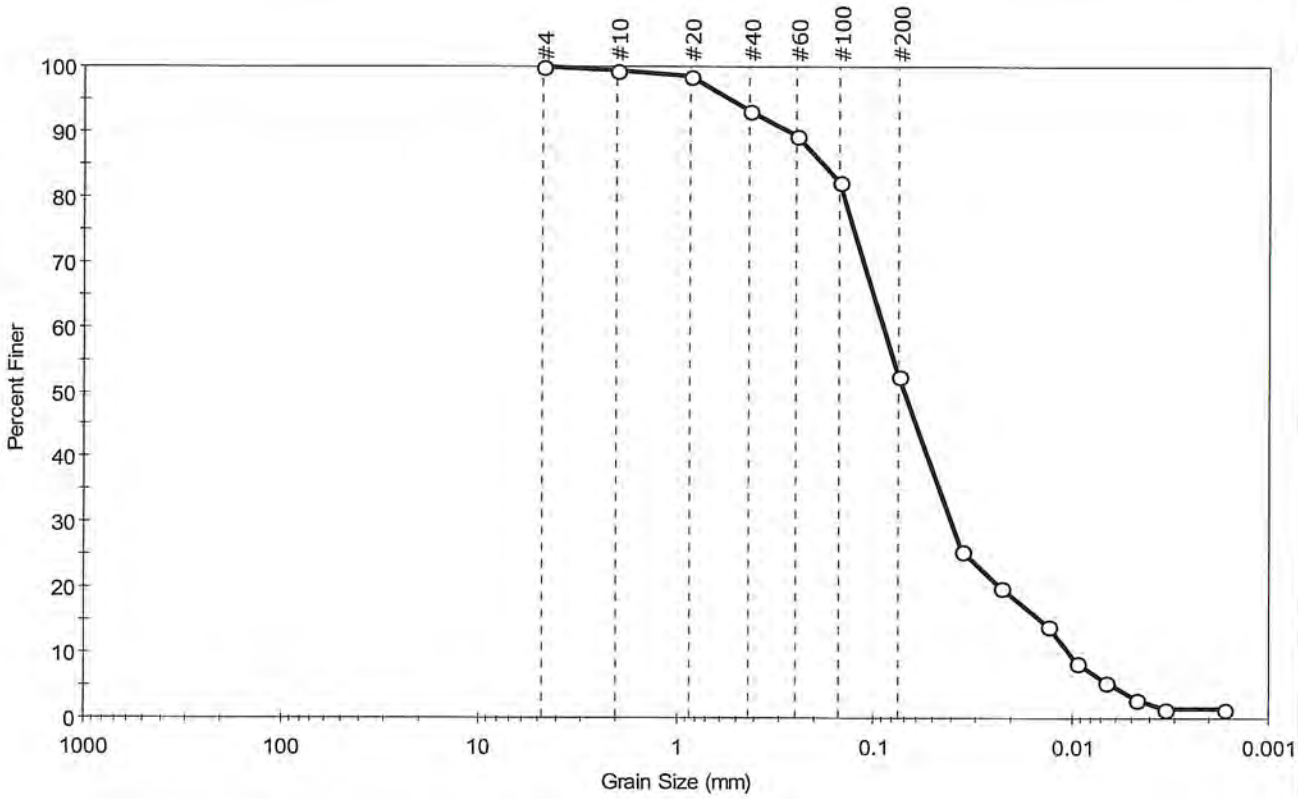
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
*	0018S-D00182	---	---	109	n/a	n/a	n/a	n/a	Sandy silt (ML)

5% Retained on #40 Sieve
Dry Strength: LOW
Dilentancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: tube	Tested By:	ap
Sample ID:0018S-D00182 (duplicate)	Test Date: 12/19/08	Checked By:	jdt
Depth : ---	Test Id: 142898		
Test Comment:	---		
Sample Description:	Moist, very dark gray sandy silt		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	47.4	52.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	99		
#40	0.42	93		
#60	0.25	89		
#100	0.15	82		
#200	0.075	53		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0355	26		
---	0.0227	20		
---	0.0133	14		
---	0.0094	9		
---	0.0067	6		
---	0.0048	3		
---	0.0034	1		
---	0.0017	1		

Coefficients

D_{85} =0.1833 mm D_{30} =0.0399 mm
D_{60} =0.0892 mm D_{15} =0.0141 mm
D_{50} =0.0698 mm D_{10} =0.0103 mm
C_u =N/A C_c =N/A

Classification

ASTM N/A

AASHTO Silty Soils (A-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

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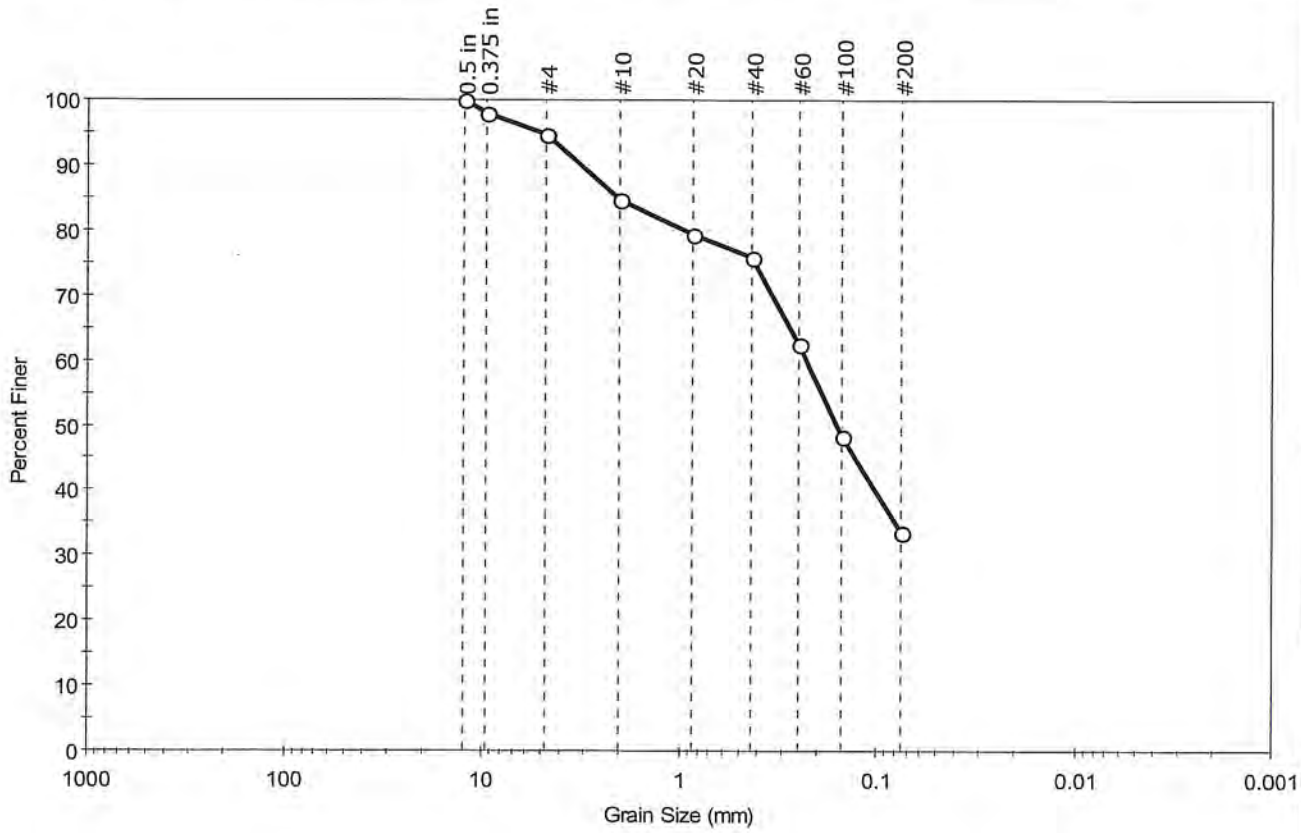
Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00183	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142884		
Test Comment:	---		
Sample Description:	Moist, black silty sand		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	5.4	60.8	33.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	98		
#4	4.75	95		
#10	2.00	85		
#20	0.85	79		
#40	0.42	76		
#60	0.25	62		
#100	0.15	48		
#200	0.075	34		

Coefficients

D_{85} =2.0554 mm	D_{30} =N/A
D_{60} =0.2290 mm	D_{15} =N/A
D_{50} =0.1594 mm	D_{10} =N/A
C_u =N/A	C_c =N/A

Classification

ASTM N/A

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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GeoTesting express
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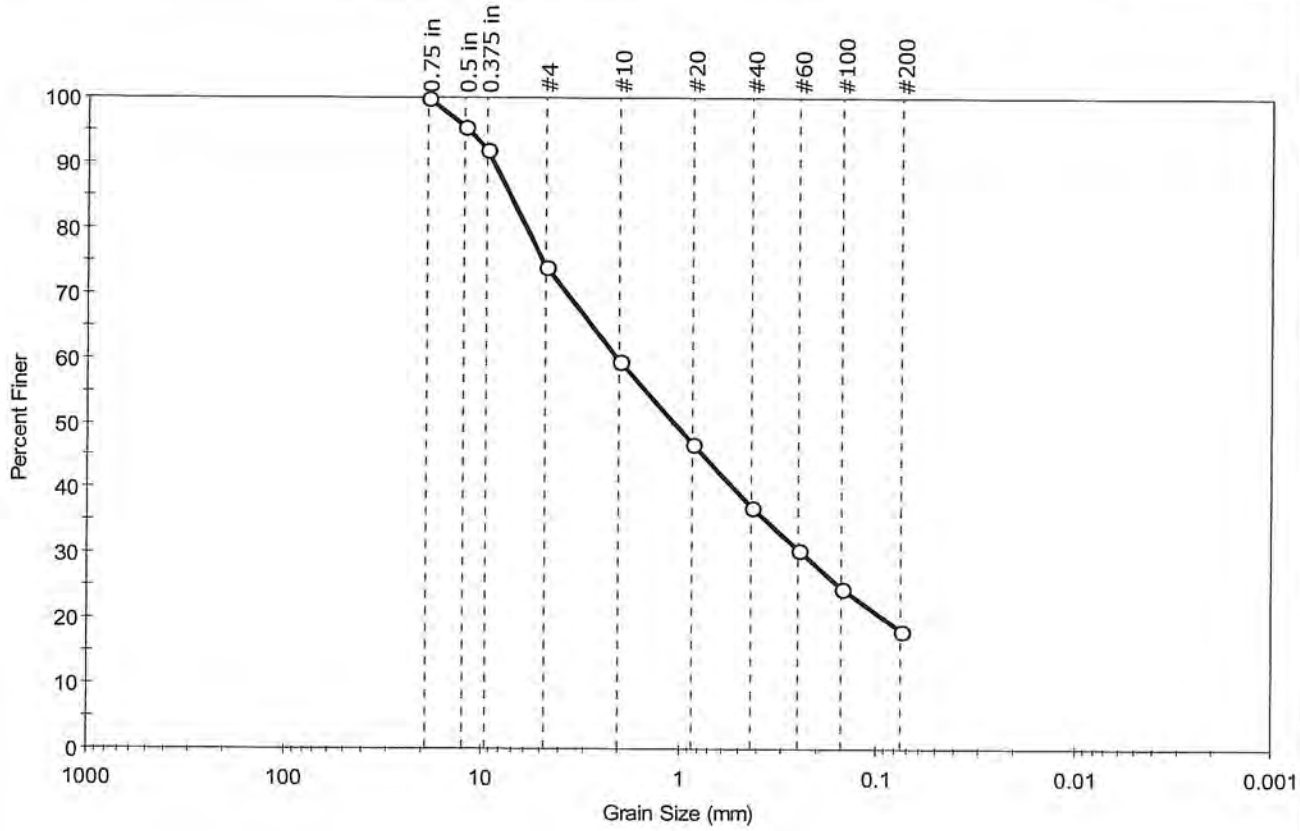
Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00184	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142885		
Test Comment:	---		
Sample Description:	Moist, black silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	25.9	55.8	18.3

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.75 in	19.00	100		
0.5 in	12.50	96		
0.375 in	9.50	92		
#4	4.75	74		
#10	2.00	59		
#20	0.85	47		
#40	0.42	37		
#60	0.25	31		
#100	0.15	25		
#200	0.075	18		

Coefficients

D_{85} =7.2530 mm	D_{30} =0.2378 mm
D_{60} =2.0649 mm	D_{15} =N/A
D_{50} =1.0555 mm	D_{10} =N/A
C_u =N/A	C_c =N/A

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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GeoTesting express
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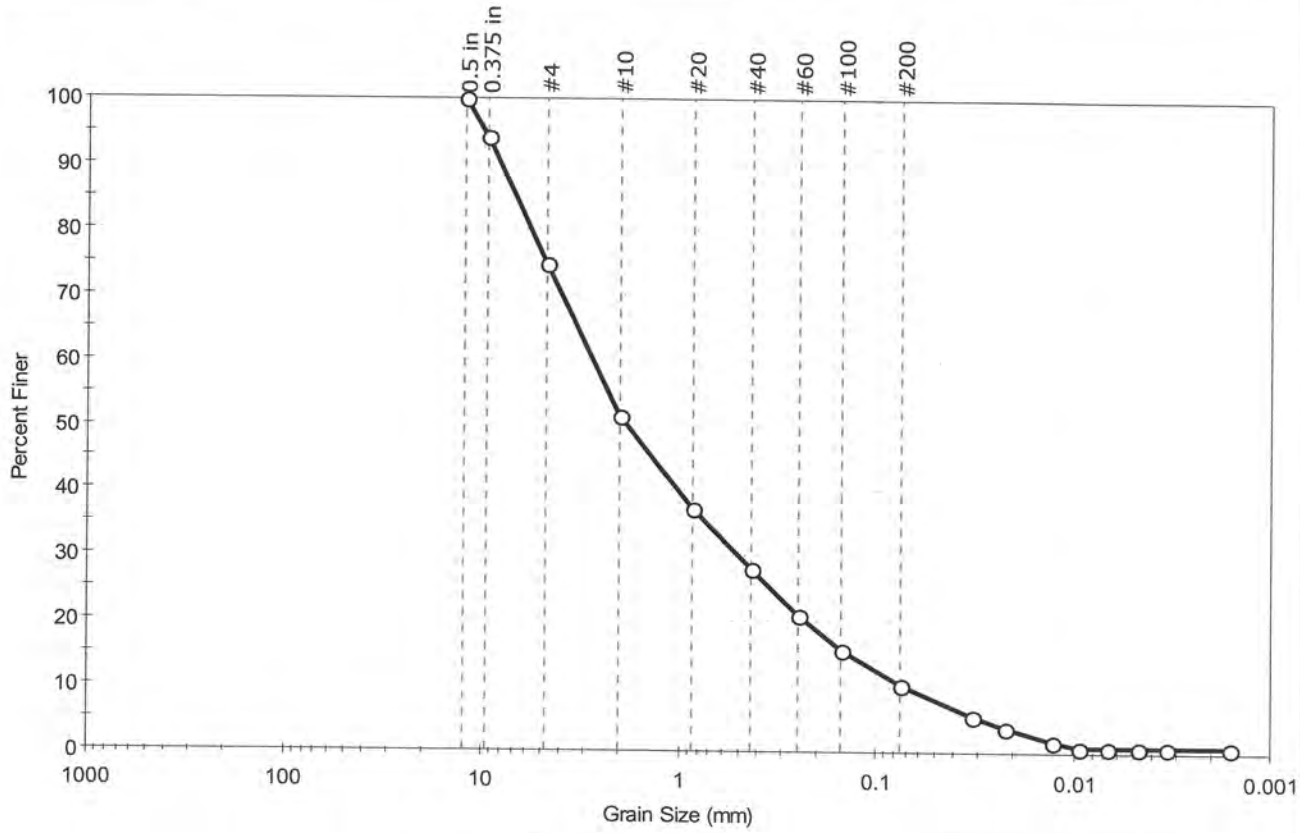
Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: tube	Tested By:	ap
Sample ID:0018S-D00185	Test Date: 01/08/09	Checked By:	jdt
Depth : ---	Test Id: 142896		
Test Comment: ---			
Sample Description:	Moist, black sand with silt and gravel		
Sample Comment: ---			

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	25.4	64.4	10.2

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	94		
#4	4.75	75		
#10	2.00	51		
#20	0.85	37		
#40	0.42	28		
#60	0.25	21		
#100	0.15	16		
#200	0.075	10		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0323	6		
---	0.0220	4		
---	0.0130	2		
---	0.0094	1		
---	0.0067	1		
---	0.0047	1		
---	0.0034	1		
---	0.0016	1		

Coefficients

D_{85} =6.8833 mm D_{30} =0.4944 mm
D_{60} =2.7603 mm D_{15} =0.1374 mm
D_{50} =1.8445 mm D_{10} =0.0720 mm
C_u =38.338 C_c =1.230

Classification

ASTM Well-graded sand with silt and gravel (SW-SM)

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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GeoTesting express
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Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: tube	Tested By:	ap
Sample ID:0018S-D00185	Test Date: 01/08/09	Checked By:	jdt
Depth : ---	Test Id: 142900		
Test Comment: ---			
Sample Description: Moist, black sand with silt and gravel			
Sample Comment: ---			

Atterberg Limits - ASTM D 4318-05

Sample Determined to be non-plastic

Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
*	0018S-D00185	---	---	30	n/a	n/a	n/a	n/a	Well-graded sand with silt and gravel (SW-SM)

72% Retained on #40 Sieve

Dry Strength: NONE

Dilentancy: RAPID

Toughness: n/a

The sample was determined to be Non-Plastic

GeoTesting express
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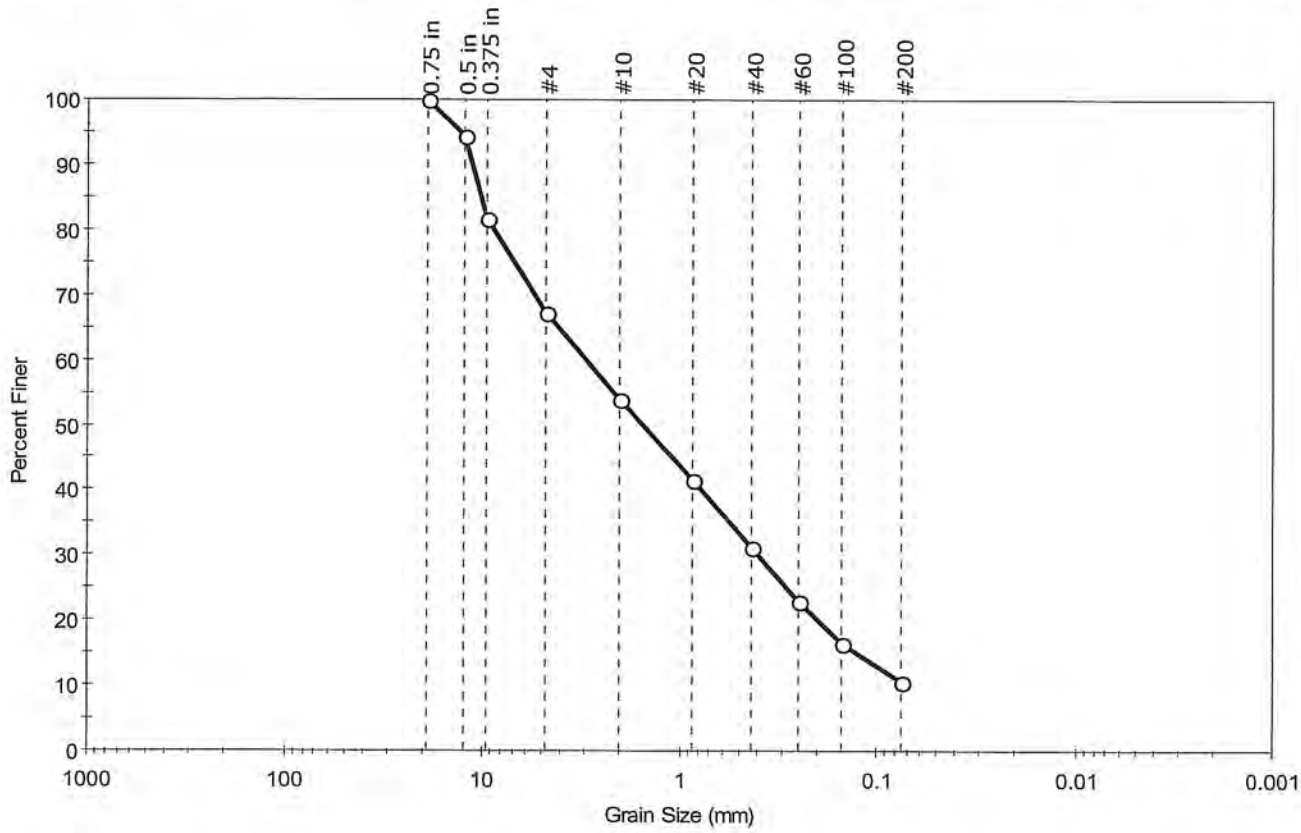
Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00186	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142886		
Test Comment:	---		
Sample Description:	Moist, black sand with silt and gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	32.6	56.6	10.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.75 in	19.00	100		
0.5 in	12.50	94		
0.375 in	9.50	82		
#4	4.75	67		
#10	2.00	54		
#20	0.85	42		
#40	0.42	31		
#60	0.25	23		
#100	0.15	16		
#200	0.075	11		

Coefficients

D_{85} =10.1875 mm	D_{30} =0.3939 mm
D_{60} =2.9576 mm	D_{15} =0.1263 mm
D_{50} =1.5215 mm	D_{10} =0.0683 mm
C_u =43.303	C_c =0.768

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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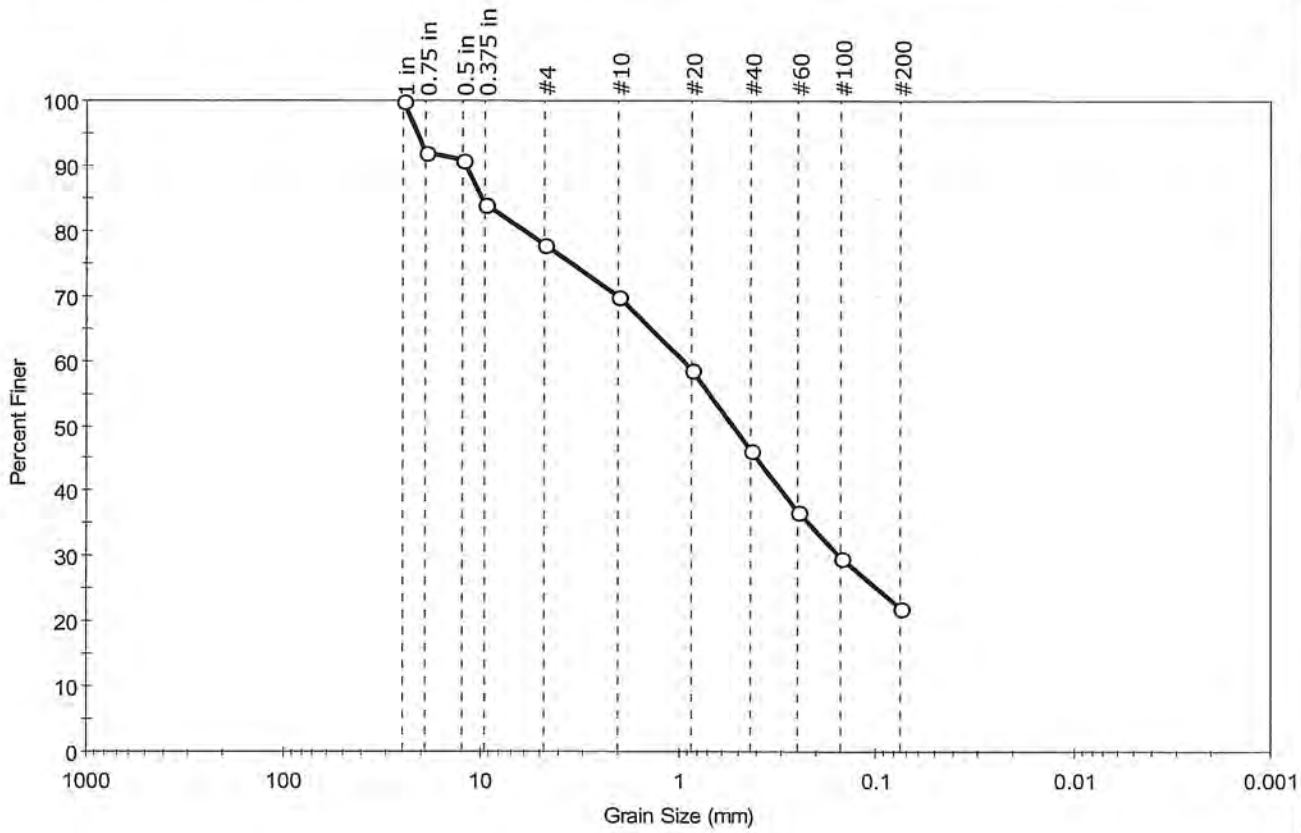
Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00187	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142887		
Test Comment:	---		
Sample Description:	Moist, dark gray silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	22.1	55.6	22.3

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
1 in	25.00	100		
0.75 in	19.00	92		
0.5 in	12.50	91		
0.375 in	9.50	84		
#4	4.75	78		
#10	2.00	70		
#20	0.85	59		
#40	0.42	46		
#60	0.25	37		
#100	0.15	30		
#200	0.075	22		

Coefficients

D_{85} =9.8475 mm D_{30} =0.1525 mm
D_{60} =0.9315 mm D_{15} =N/A
D_{50} =0.5195 mm D_{10} =N/A
C_u =N/A C_c =N/A

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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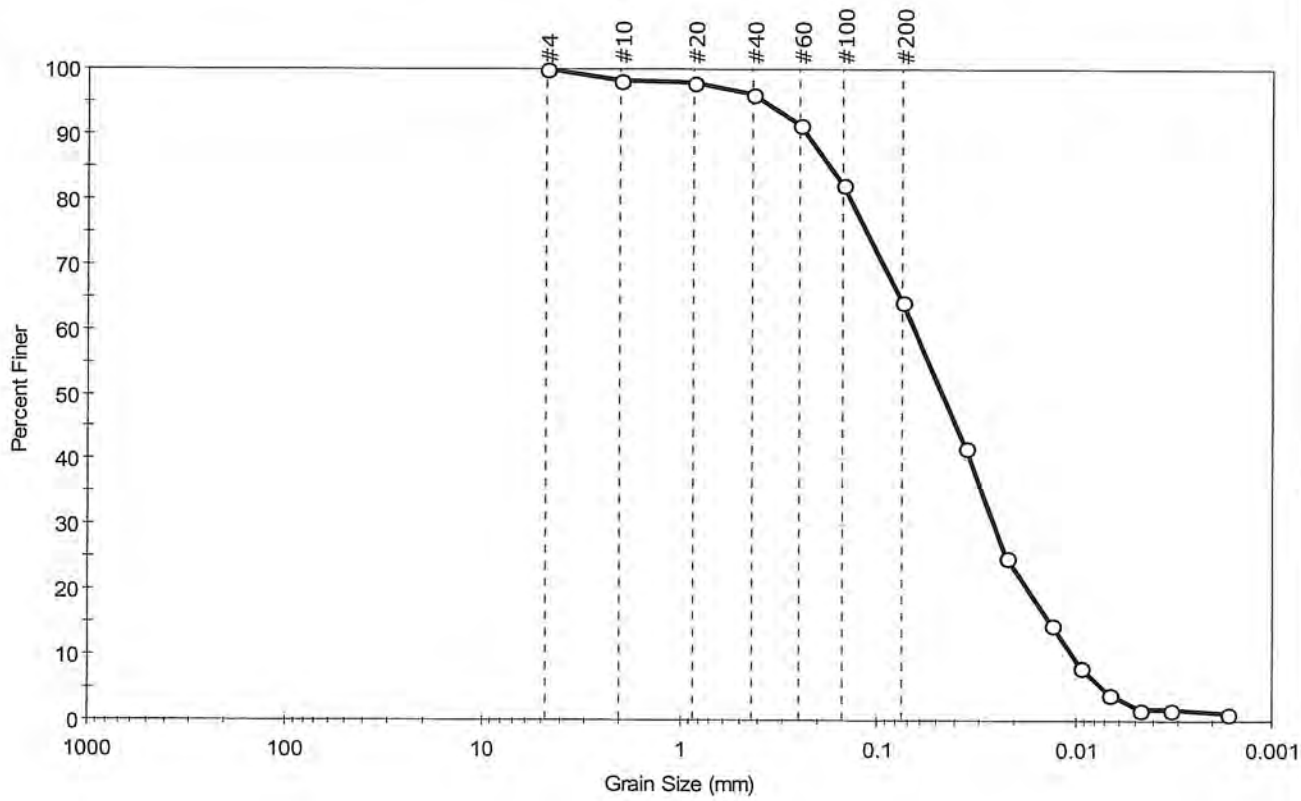
Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: tube	Tested By:	ap
Sample ID:0018S-D00188	Test Date: 12/08/08	Checked By:	jdt
Depth : ---	Test Id: 142897		
Test Comment:	---		
Sample Description:	Wet, very dark gray sandy silt		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	35.6	64.4

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	98		
#20	0.85	98		
#40	0.42	96		
#60	0.25	91		
#100	0.15	82		
#200	0.075	64		
---	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0361	42		
---	0.0221	25		
---	0.0131	15		
---	0.0093	8		
---	0.0067	4		
---	0.0047	2		
---	0.0033	2		
---	0.0017	1		

Coefficients

D_{85} =0.1738 mm	D_{30} =0.0255 mm
D_{60} =0.0651 mm	D_{15} =0.0133 mm
D_{50} =0.0471 mm	D_{10} =0.0102 mm
C_u =N/A	C_c =N/A

Classification

ASTM Sandy silt (ML)

AASHTO Silty Soils (A-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

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GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: tube	Tested By:	ap
Sample ID:0018S-D00188	Test Date: 12/08/08	Checked By:	jdt
Depth : ---	Test Id: 142901		
Test Comment:	---		
Sample Description:	Wet, very dark gray sandy silt		
Sample Comment:	---		

Atterberg Limits - ASTM D 4318-05

Sample Determined to be non-plastic

Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
*	0018S-D00188	---	---	102	n/a	n/a	n/a	n/a	Sandy silt (ML)

4% Retained on #40 Sieve

Dry Strength: LOW

Dilentancy: RAPID

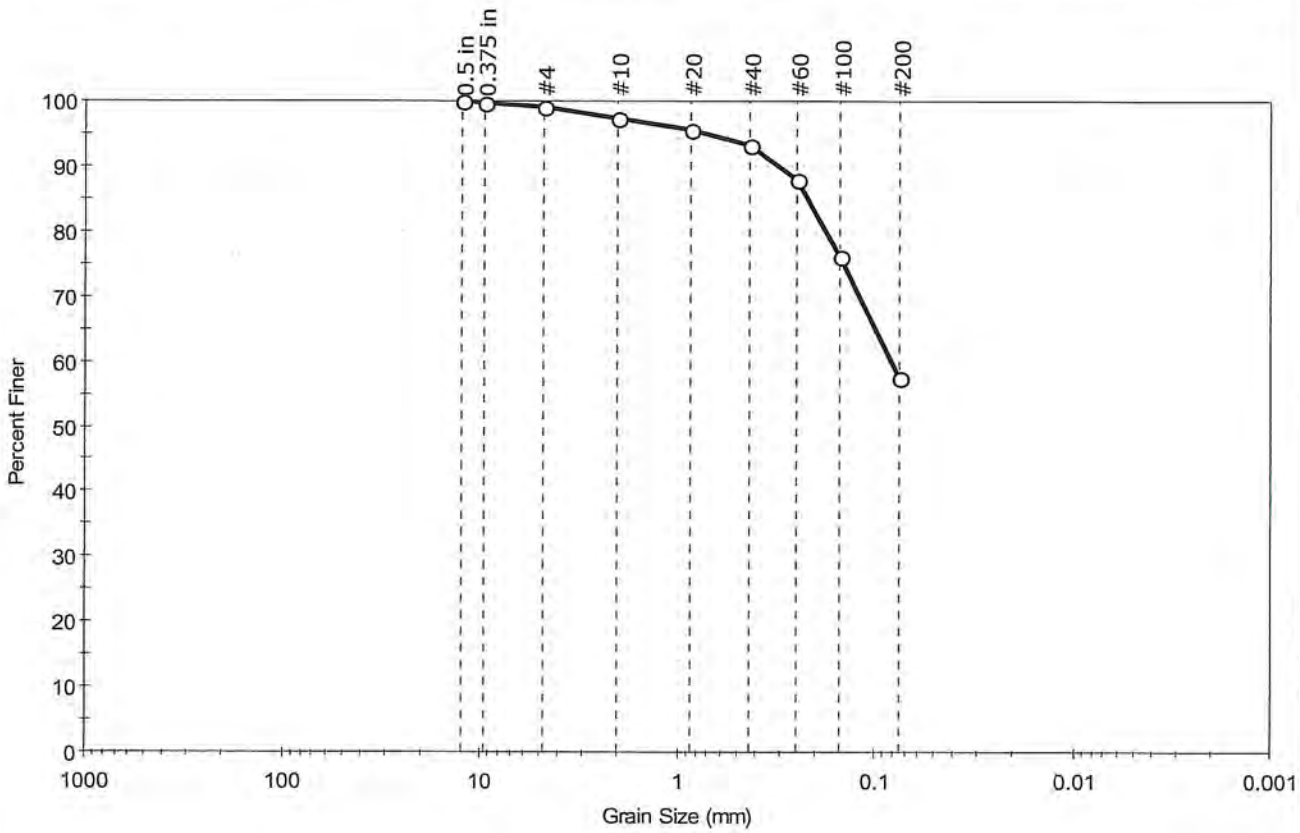
Toughness: n/a

The sample was determined to be Non-Plastic

GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00189	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142888		
Test Comment: ---			
Sample Description: Moist, black sandy silt			
Sample Comment: ---			

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.9	41.5	57.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	100		
#4	4.75	99		
#10	2.00	97		
#20	0.85	96		
#40	0.42	93		
#60	0.25	88		
#100	0.15	76		
#200	0.075	58		

Coefficients

D_{85} =0.2214 mm	D_{30} =N/A
D_{60} =0.0823 mm	D_{15} =N/A
D_{50} =N/A	D_{10} =N/A
C_u =N/A	C_c =N/A

Classification

ASTM N/A

AASHTO Silty Soils (A-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

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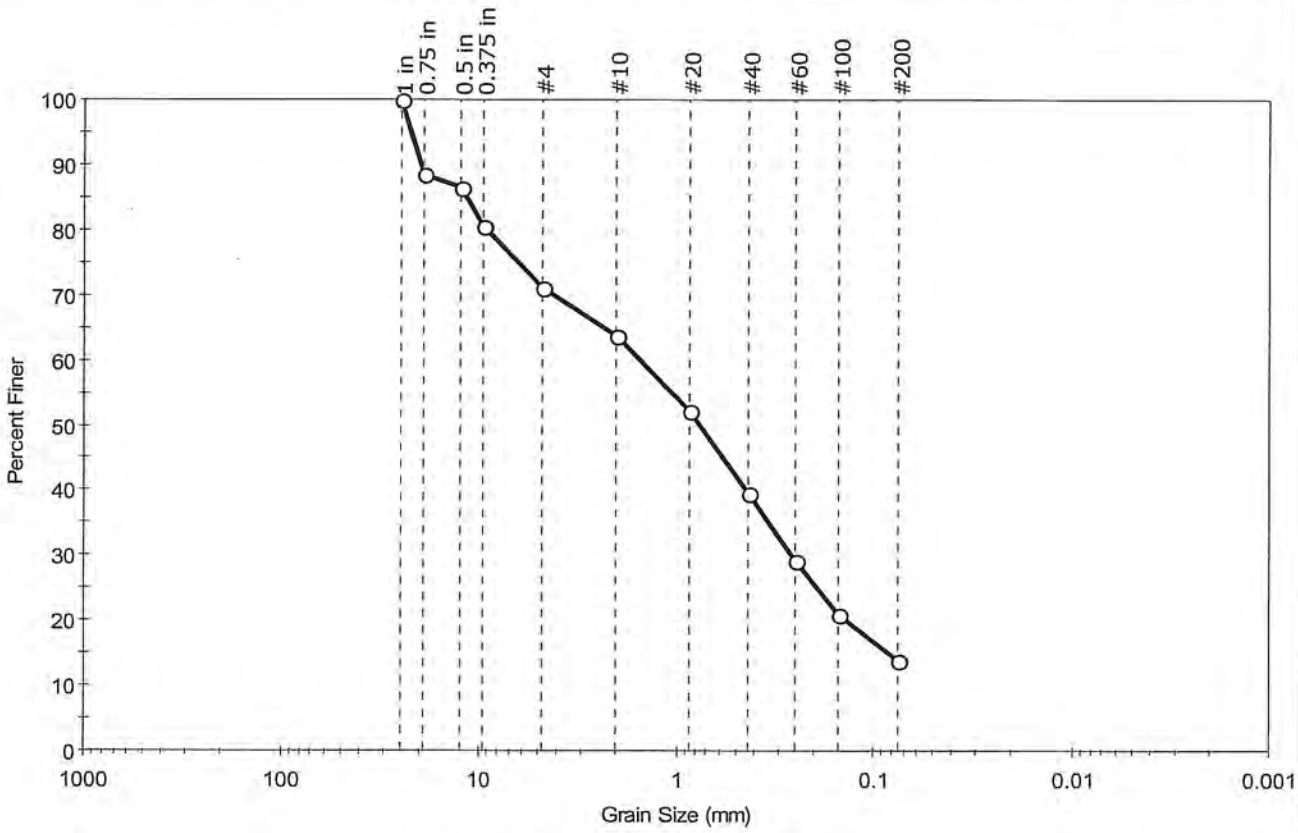
GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00190	Test Date: 11/26/08	Checked By:	jdt
Depth : ---	Test Id: 142869		
Test Comment:	---		
Sample Description:	Moist, dark gray silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	28.8	57.4	13.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
1 in	25.00	100		
0.75 in	19.00	88		
0.5 in	12.50	86		
0.375 in	9.50	81		
#4	4.75	71		
#10	2.00	64		
#20	0.85	52		
#40	0.42	40		
#60	0.25	29		
#100	0.15	21		
#200	0.075	14		

Coefficients

D_{85} = 11.7302 mm D_{30} = 0.2614 mm
D_{60} = 1.5155 mm D_{15} = 0.0839 mm
D_{50} = 0.7505 mm D_{10} = 0.0516 mm
C_u = N/A C_c = N/A

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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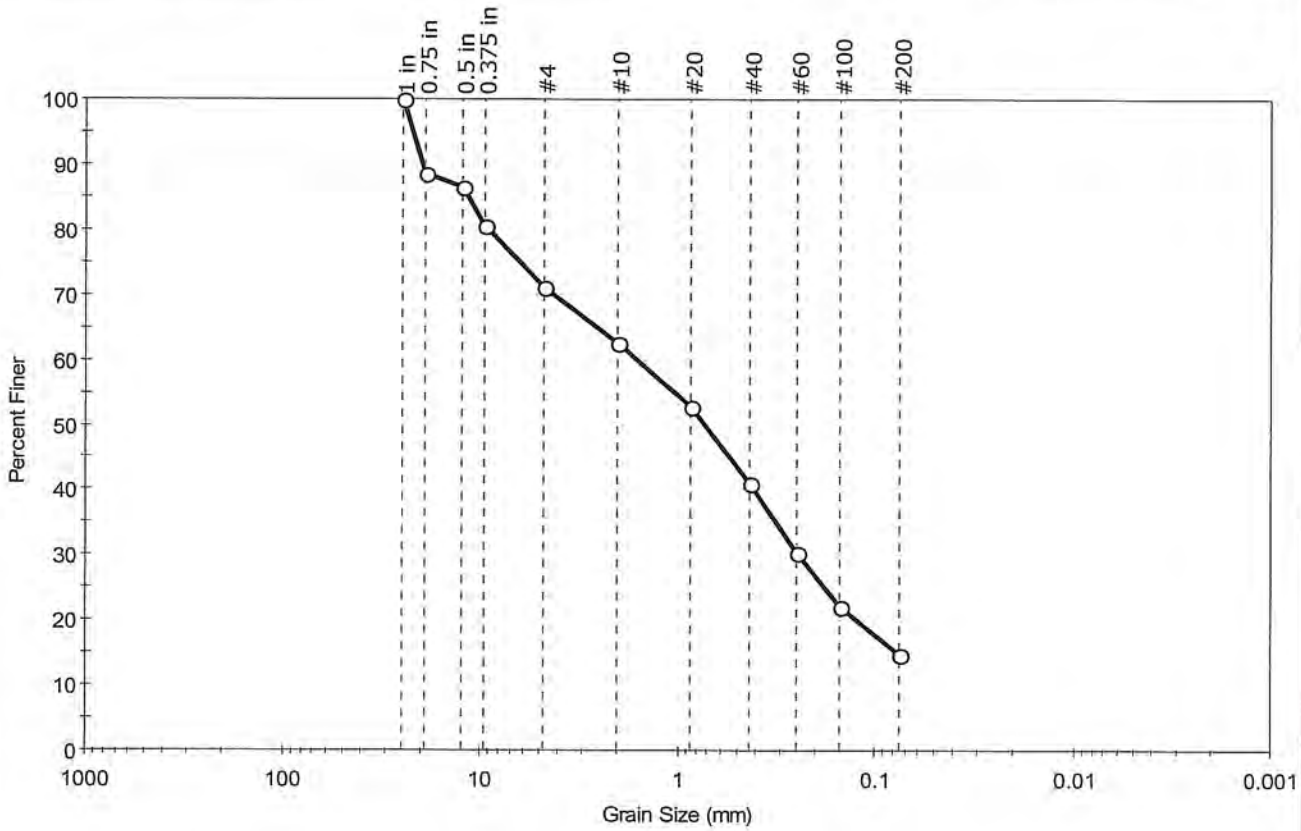
GeoTesting express
a subsidiary of Geocomp Corporation

Client:	Nobis Engineering, Inc.		
Project:	EPA Region 1 - EP-S1-06-03		
Location:		Project No:	GTX-8696
Boring ID: ---	Sample Type: jar	Tested By:	ap
Sample ID:0018S-D00190 (duplicate)	Test Date: 12/02/08	Checked By:	jdt
Depth : ---	Test Id: 142871		
Test Comment:	---		
Sample Description:	Moist, dark gray silty sand with gravel		
Sample Comment:	---		

Particle Size Analysis - ASTM D 422-63 (reapproved 2002)



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	28.8	56.4	14.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
1 in	25.00	100		
0.75 in	19.00	88		
0.5 in	12.50	86		
0.375 in	9.50	81		
#4	4.75	71		
#10	2.00	63		
#20	0.85	53		
#40	0.42	41		
#60	0.25	30		
#100	0.15	22		
#200	0.075	15		

Coefficients

D_{85} =11.7323 mm	D_{30} =0.2436 mm
D_{60} =1.5905 mm	D_{15} =0.0766 mm
D_{50} =0.7255 mm	D_{10} =0.0480 mm
C_u =N/A	C_c =N/A

Classification

ASTM N/A

AASHTO Stone Fragments, Gravel and Sand (A-1-b (0))

Sample/Test Description

Sand/Gravel Particle Shape : ROUNDED

Sand/Gravel Hardness : HARD

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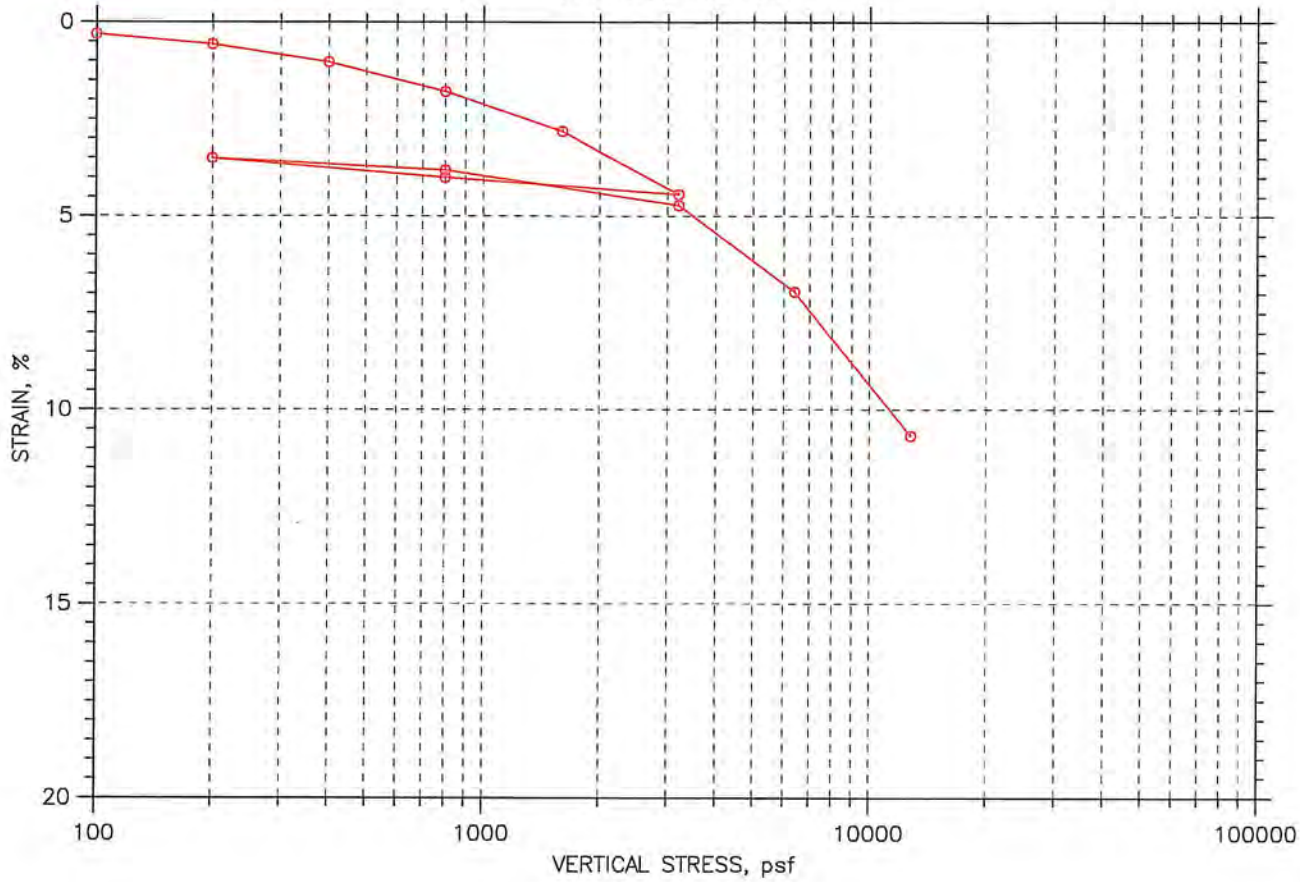
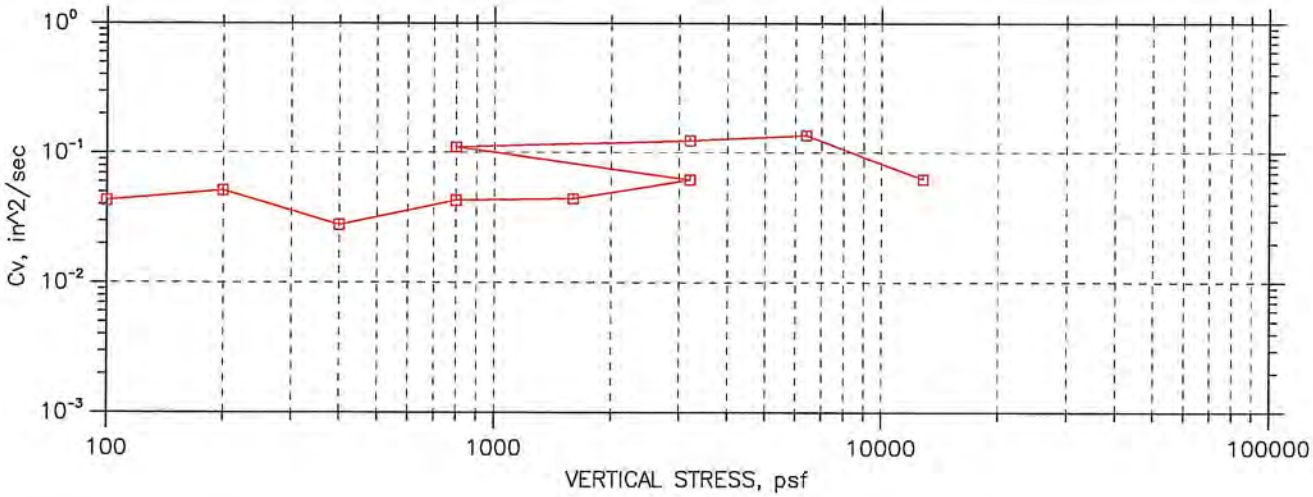
CONSOLIDATION TEST DATA

SUMMARY REPORT



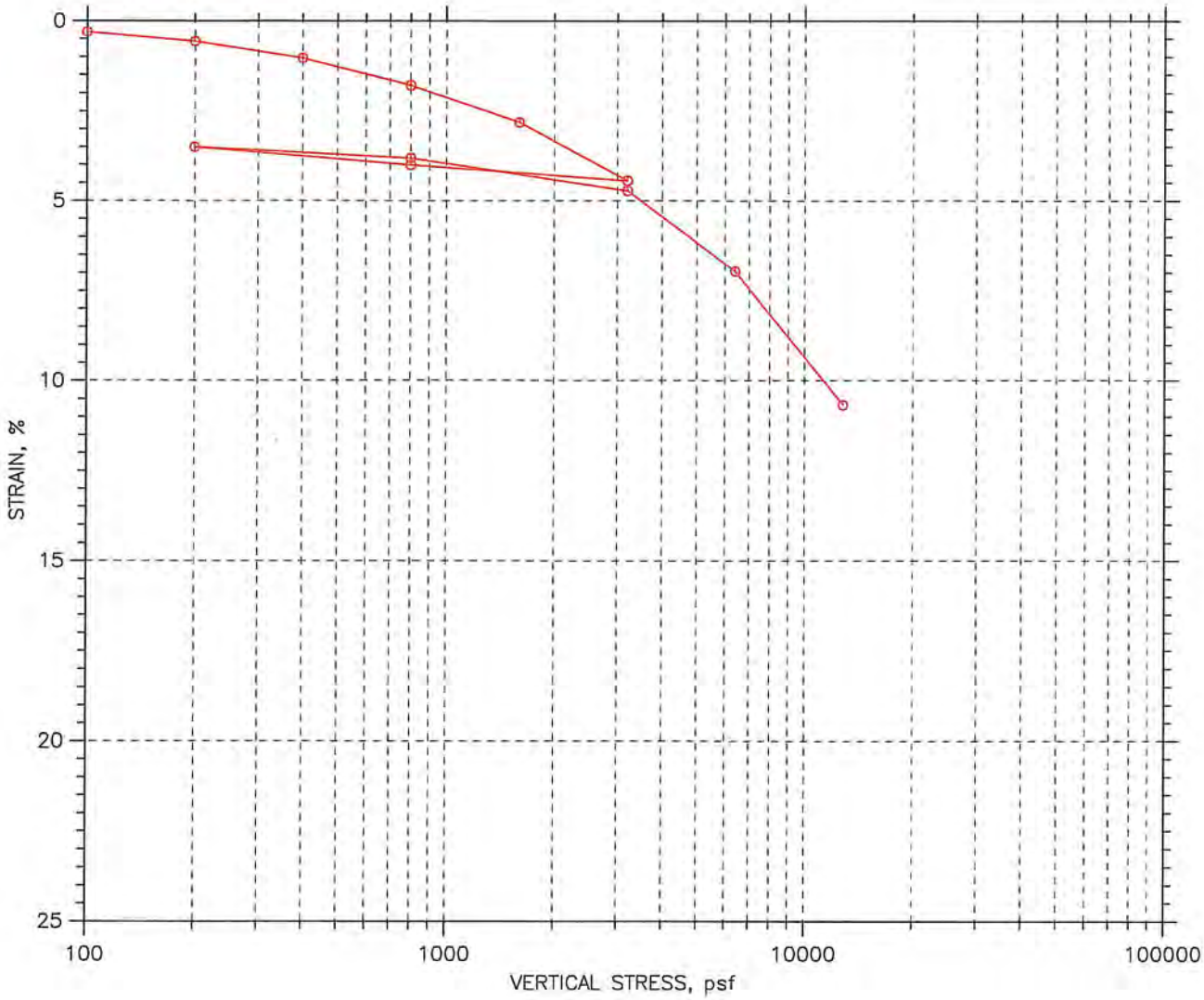


GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

Tue, 16-DEC-2008 14:04:38

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	132.52	120.68
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	34.86	39.03
Compression Index: ---				Saturation, %	94.80	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	3.56	3.07
LL: NP	PL: NP	PI: NP	GS: 2.55			

GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

Tue, 16-DEC-2008 14:04:40

CONSOLIDATION TEST DATA

Project: EPA Region 1
Boring No.: ---
Sample No.: D00182
Test No.: C-2

Location: ---
Tested By: md
Test Date: 12/05/08
Sample Type: tube

Project No.: GTX-8696
Checked By: jdt
Depth: ---
Elevation: ---

Soil Description: Wet, very dark gray sandy silt
Remarks: System C - 0018S-D00182

Estimated Specific Gravity: 2.55
Initial Void Ratio: 3.56
Final Void Ratio: 3.07

Liquid Limit: NP
Plastic Limit: NP
Plasticity Index: NP

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	115	RING		X-29
Wt. Container + Wet Soil, gm	85.07	320	314.68	107
Wt. Container + Dry Soil, gm	41.01	260.47	260.47	52.9
Wt. Container, gm	8.15	215.55	215.55	8.07
Wt. Dry Soil, gm	32.86	44.921	44.921	44.83
Water Content, %	134.08	132.52	120.68	120.68
Void Ratio	---	3.56	3.07	---
Degree of Saturation, %	---	94.80	100.00	---
Dry Unit Weight, pcf	---	34.862	39.027	---

Note: Specific Gravity and Void Ratios are calculated assuming the degree of saturation equals 100% at the end of the test. Therefore, values may not represent actual values for the specimen.

CONSOLIDATION TEST DATA

Project: EPA Region 1
Boring No.: ---
Sample No.: D00182
Test No.: C-2

Location: ---
Tested By: md
Test Date: 12/05/08
Sample Type: tube

Project No.: GTX-8696
Checked By: jdt
Depth: ---
Elevation: ---

Soil Description: Wet, very dark gray sandy silt
Remarks: System C - 0018S-D00182

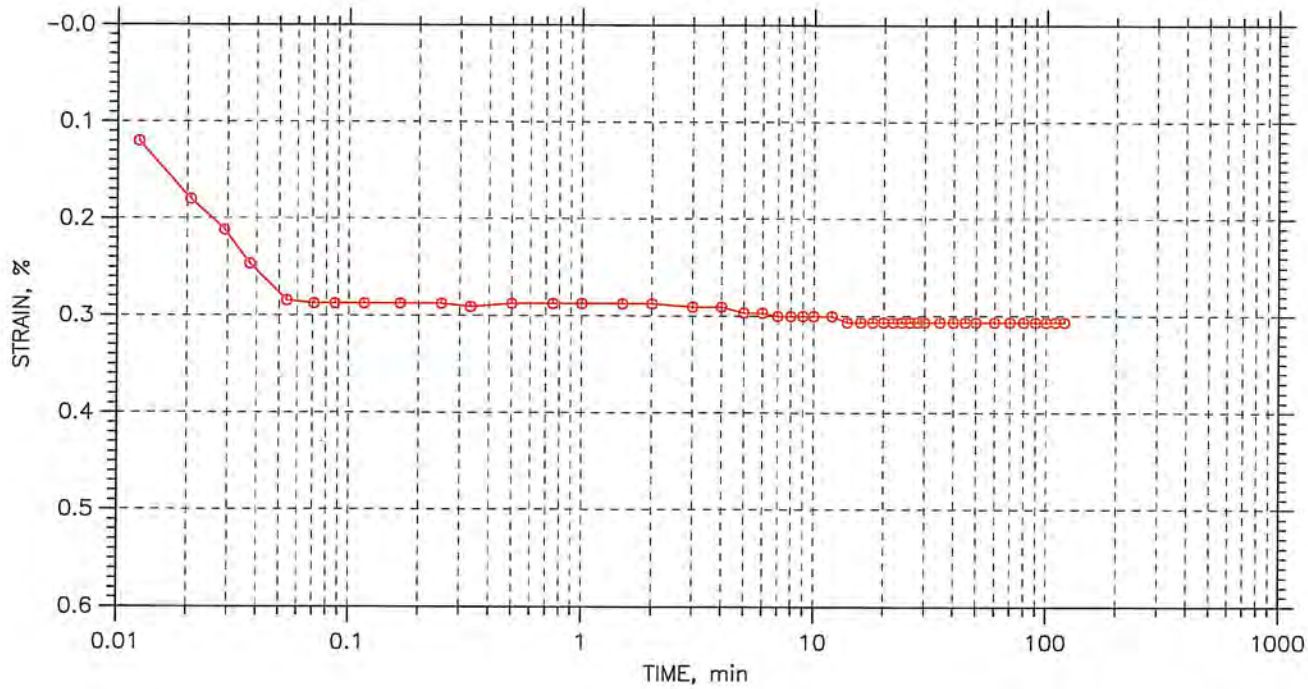
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	100	0.003065	3.545	0.31	0.0	0.0	4.30e-002	0.00e+000	4.30e-002
2	200	0.005685	3.533	0.57	0.0	0.0	5.14e-002	0.00e+000	5.14e-002
3	400	0.01033	3.511	1.03	0.0	0.0	2.97e-002	2.63e-002	2.79e-002
4	800	0.01794	3.477	1.79	0.0	0.0	4.72e-002	3.95e-002	4.30e-002
5	1.6e+003	0.0282	3.430	2.82	0.0	0.0	4.84e-002	4.11e-002	4.44e-002
6	3.2e+003	0.04441	3.356	4.44	0.0	0.0	6.20e-002	0.00e+000	6.20e-002
7	800	0.04004	3.376	4.00	0.0	0.0	1.28e-001	0.00e+000	1.28e-001
8	200	0.03502	3.399	3.50	0.0	0.0	6.04e-002	0.00e+000	6.04e-002
9	800	0.03815	3.385	3.81	0.0	0.0	1.10e-001	0.00e+000	1.10e-001
10	3.2e+003	0.04722	3.343	4.72	0.0	0.0	1.24e-001	0.00e+000	1.24e-001
11	6.4e+003	0.06953	3.242	6.95	0.0	0.0	7.17e-002	1.33e+000	1.36e-001
12	1.28e+004	0.1067	3.072	10.67	0.0	0.0	6.26e-002	0.00e+000	6.26e-002

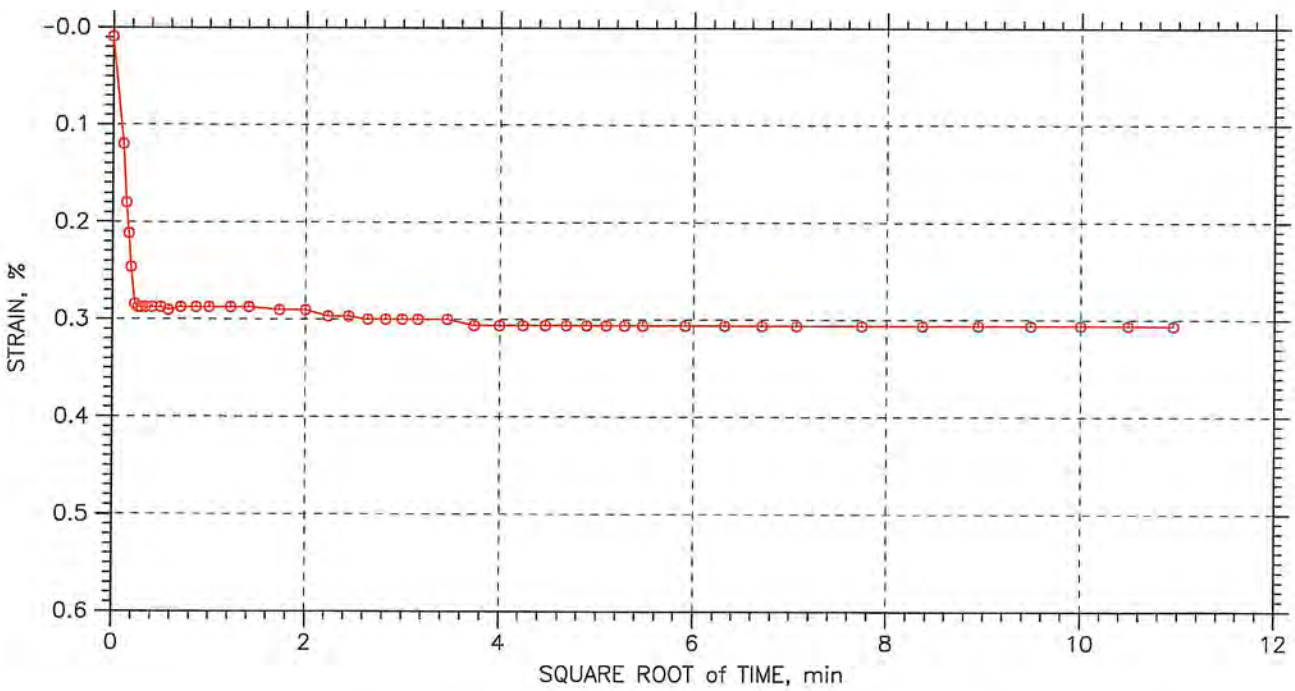
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 100. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

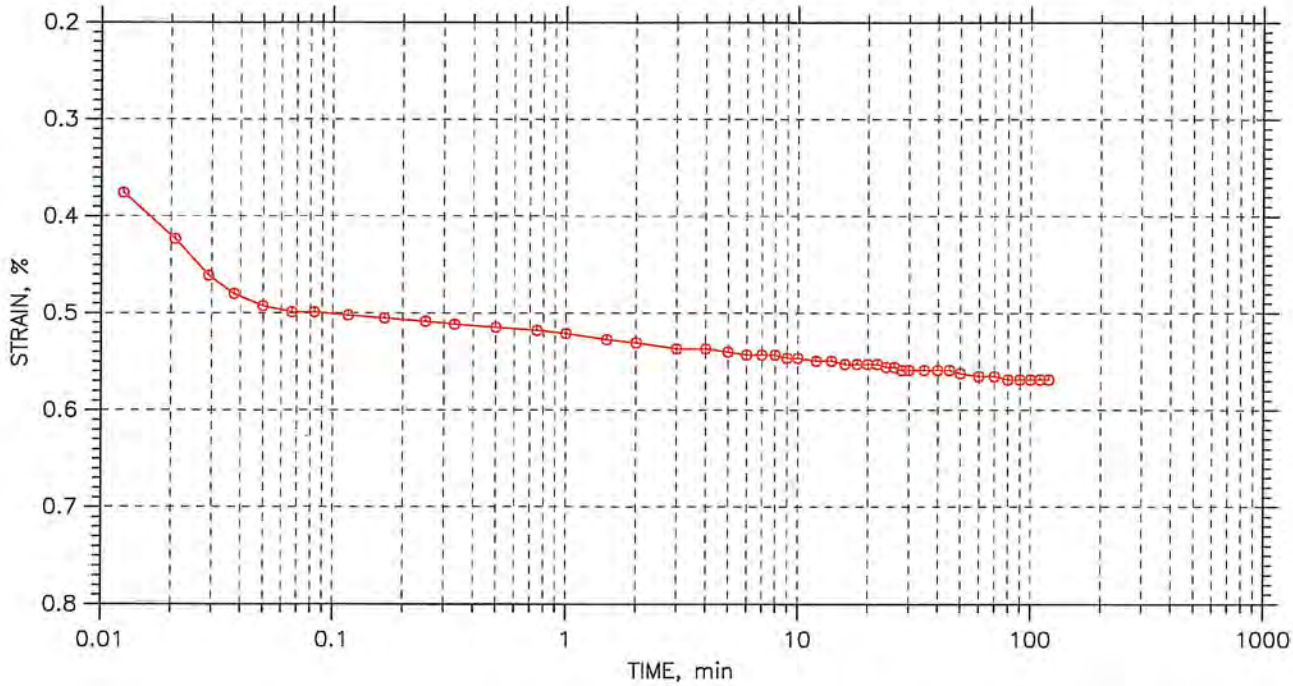
Tue, 16-DEC-2008 14:04:44

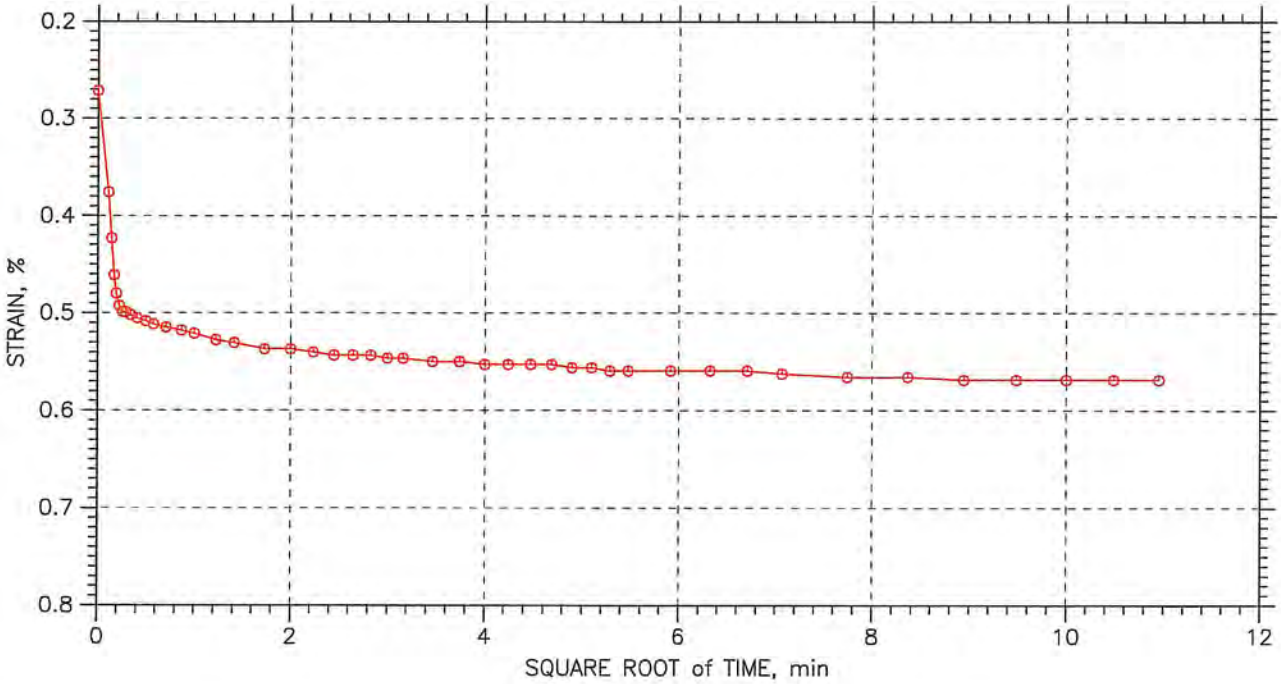
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 200. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

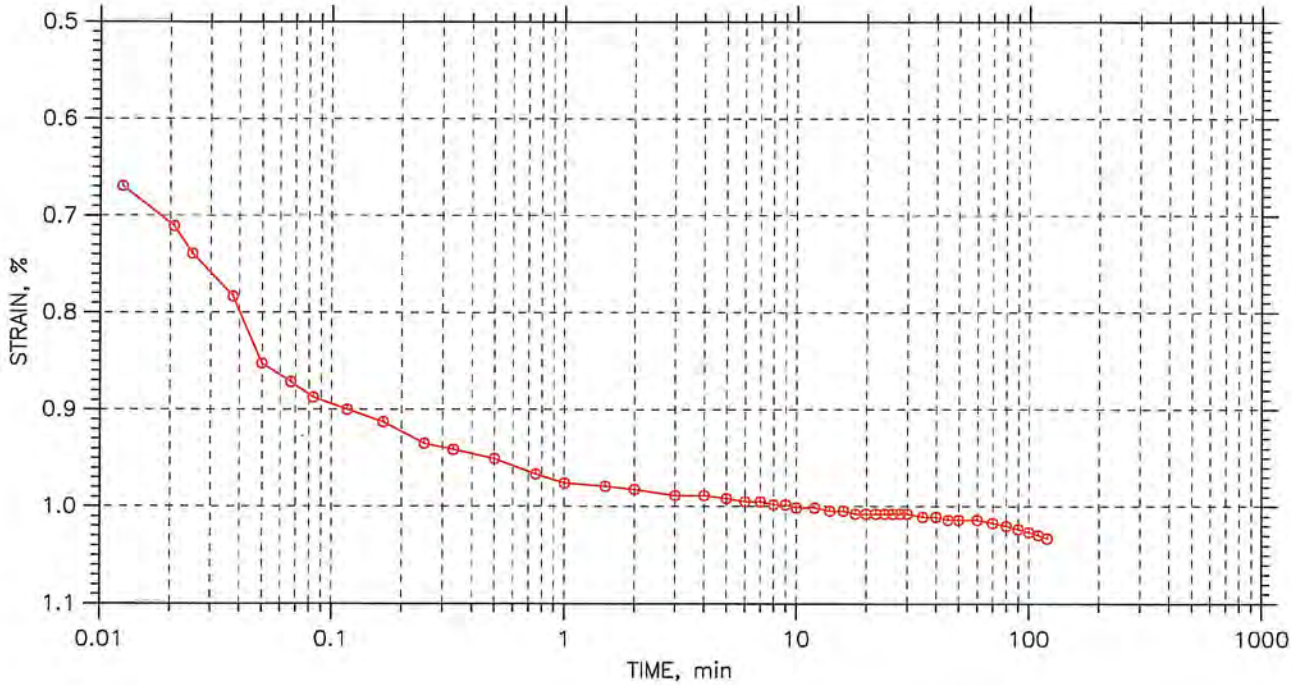
Tue, 16-DEC-2008 14:04:48

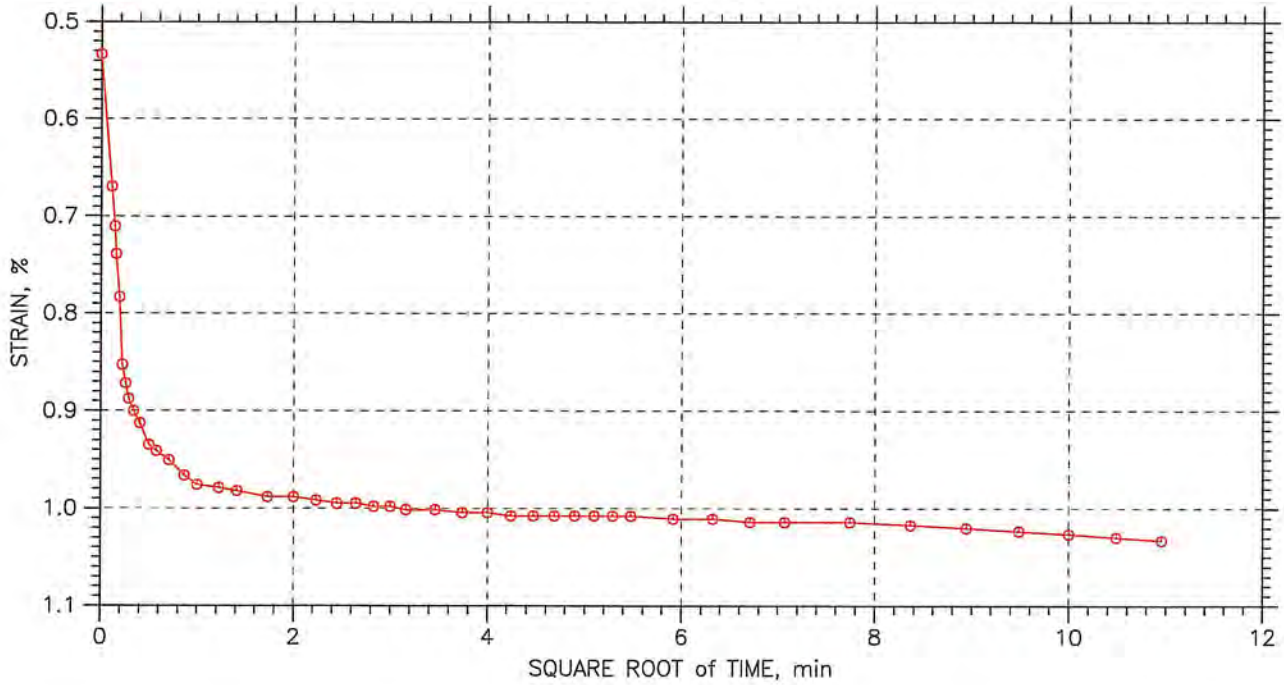
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 400. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

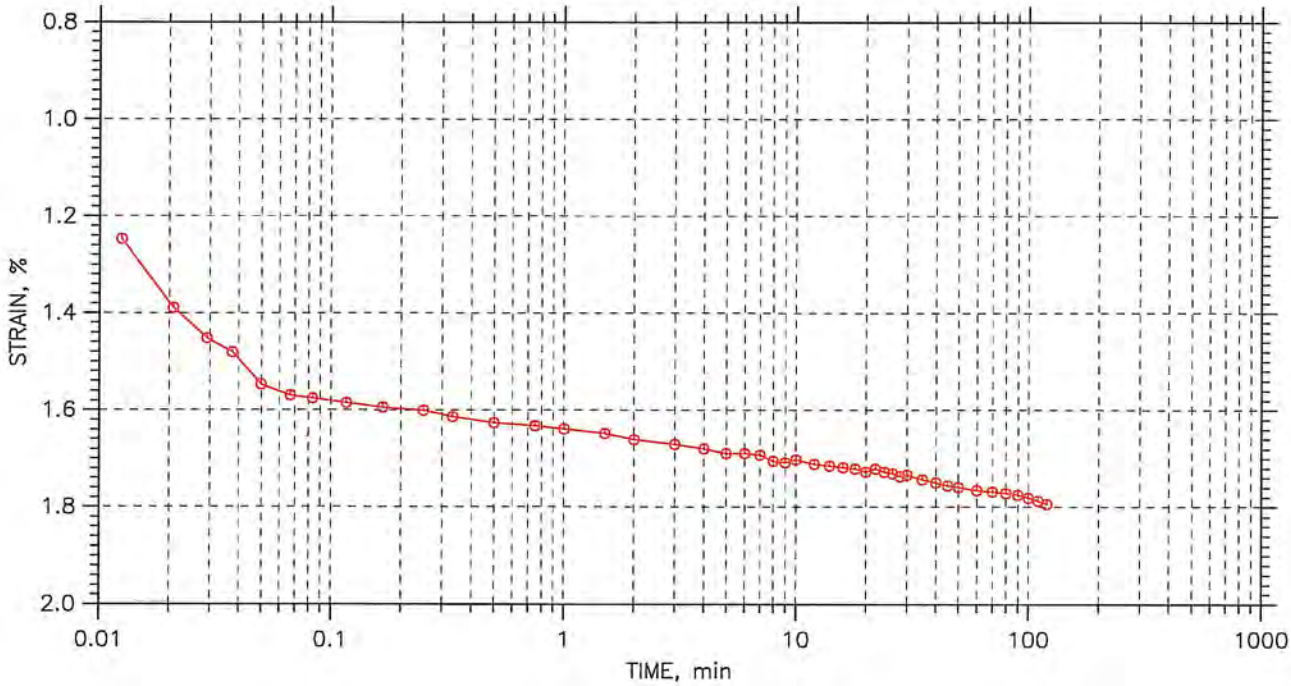
Tue, 16-DEC-2008 14:04:53

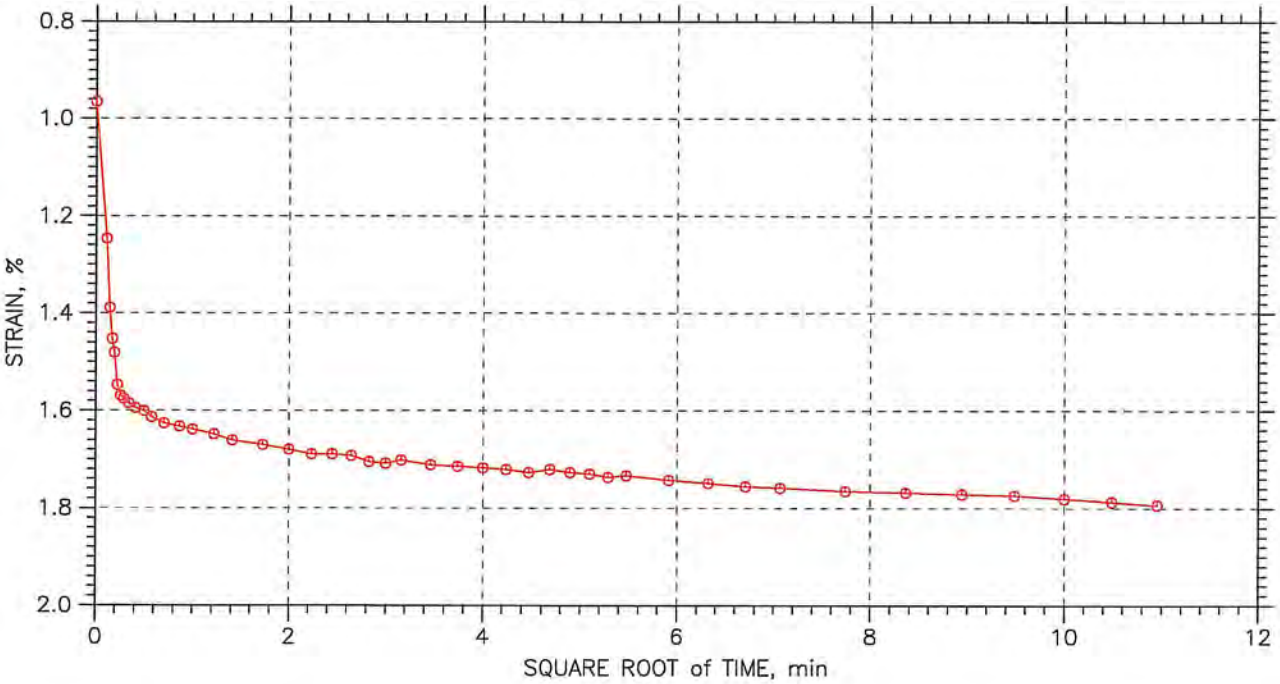
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 800. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

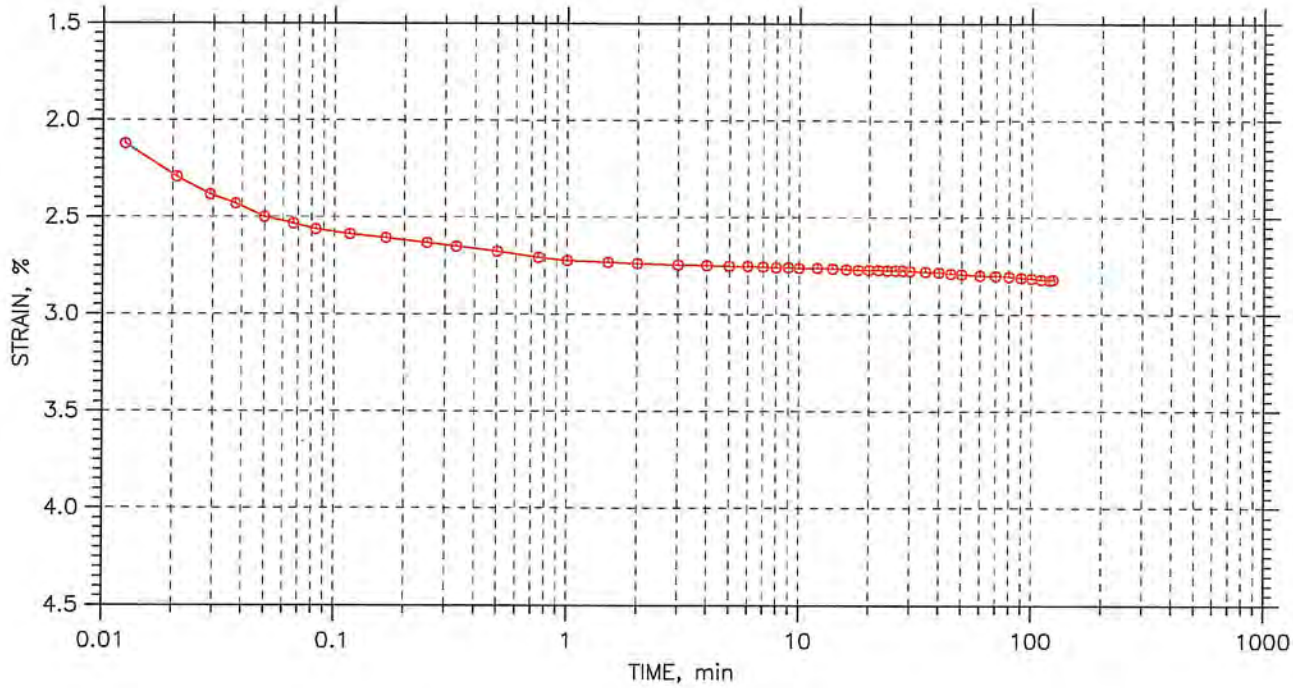
Tue, 16-DEC-2008 14:04:58

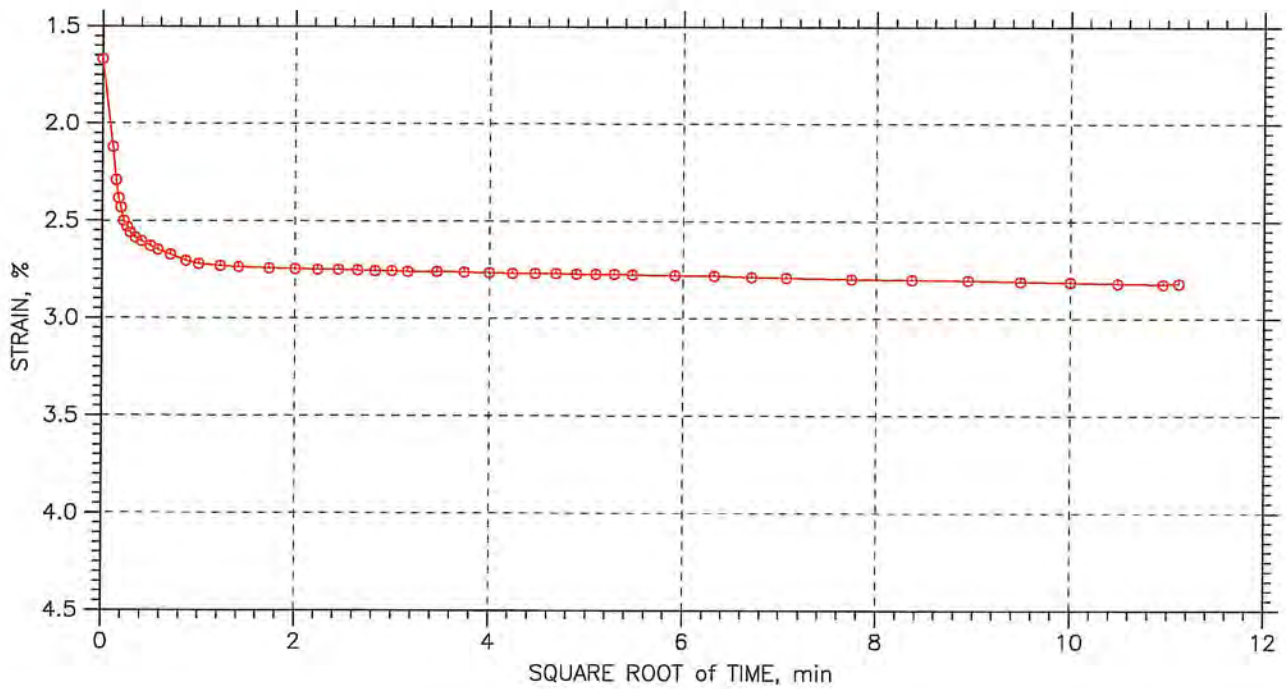
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1600. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

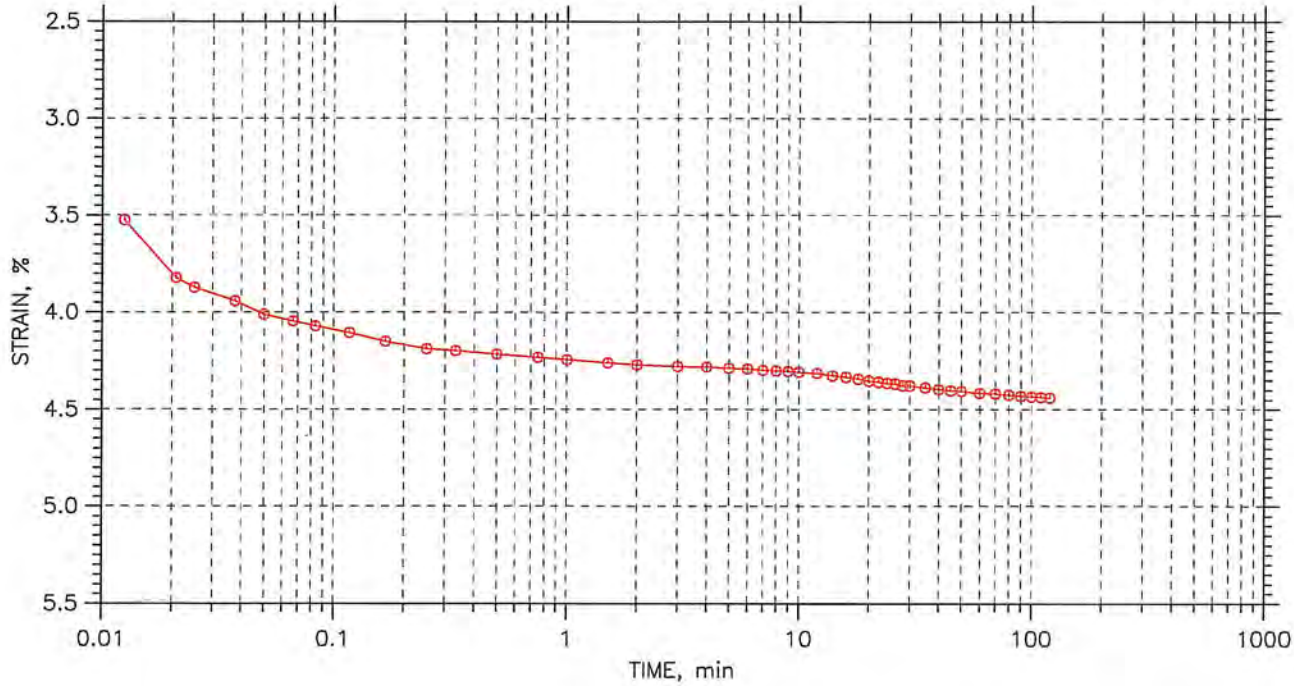
Tue, 16-DEC-2008 14:05:03

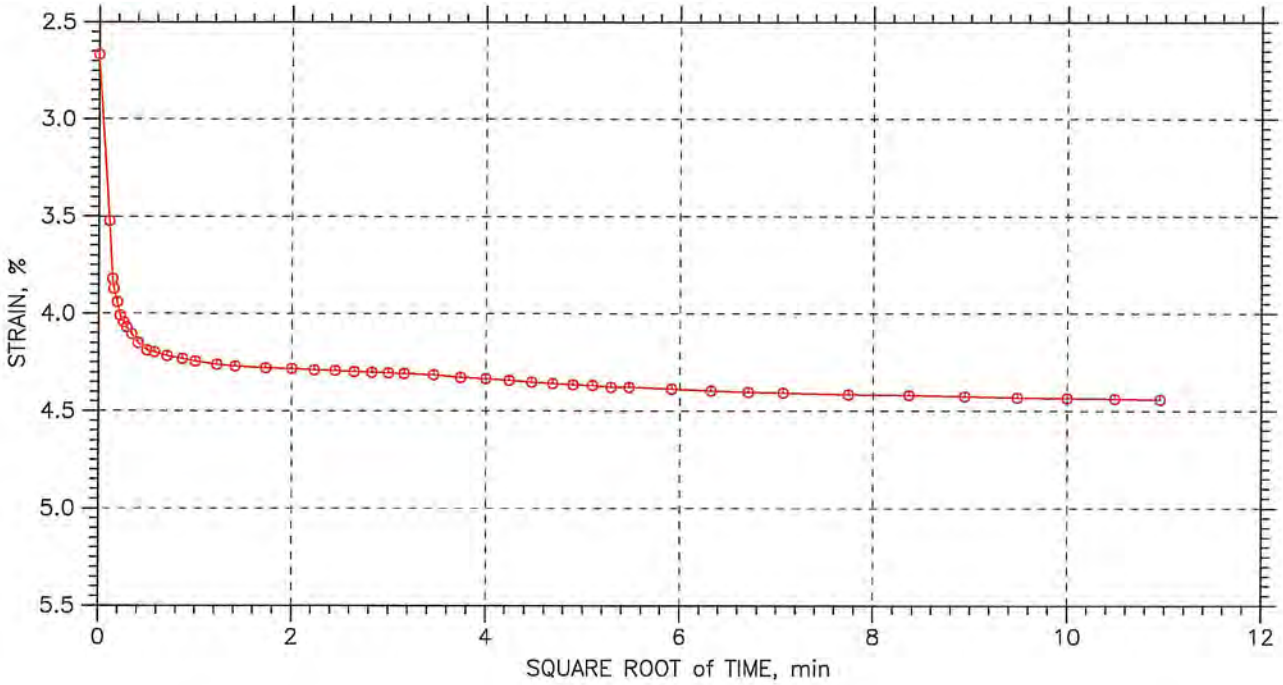
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 3200. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

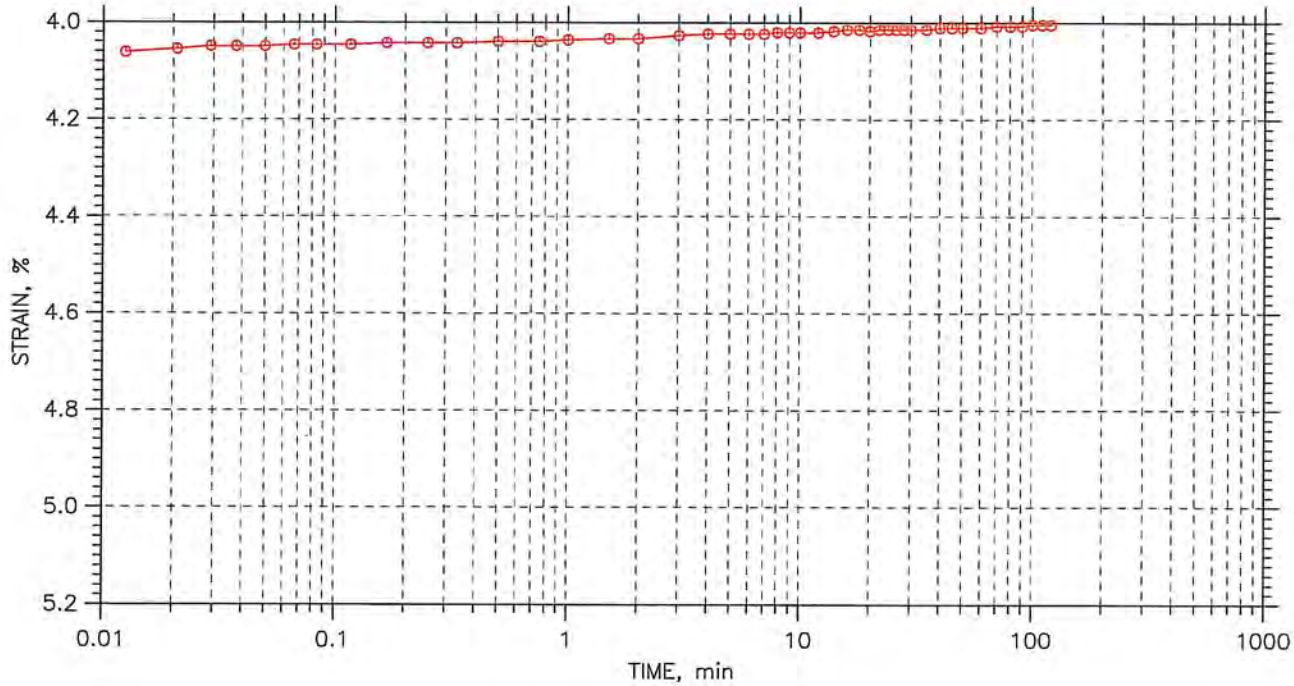
Tue, 16-DEC-2008 14:05:08

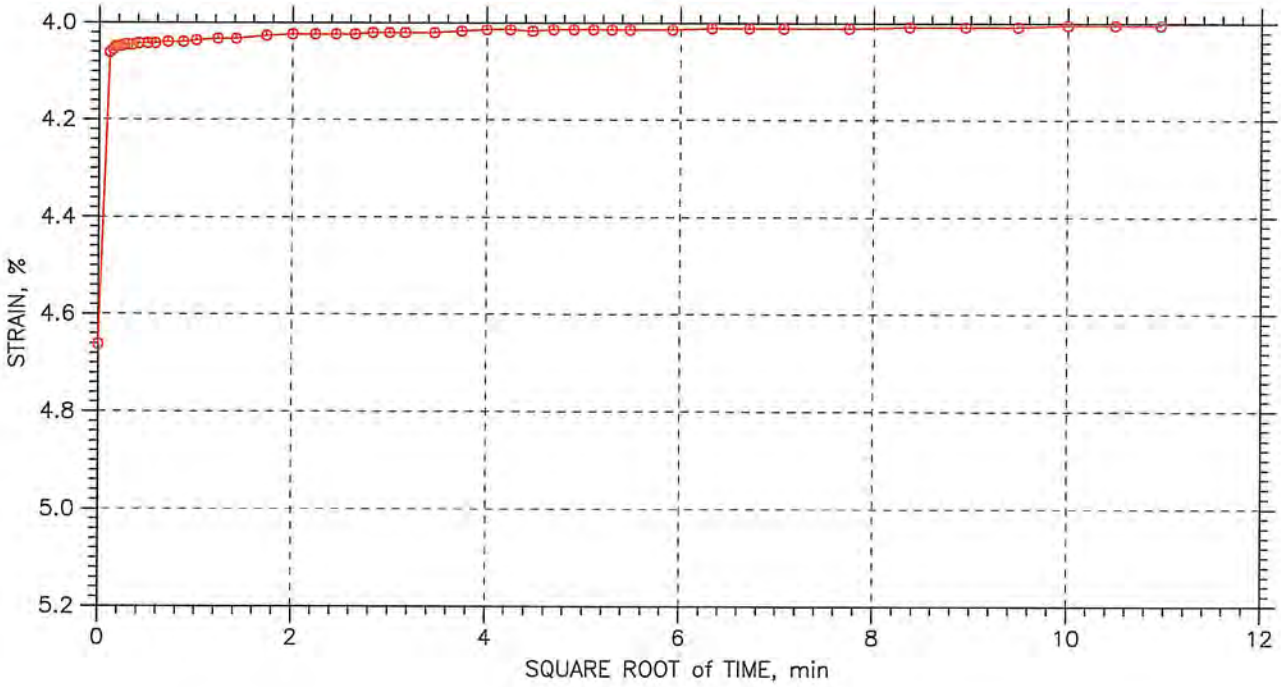
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 800. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

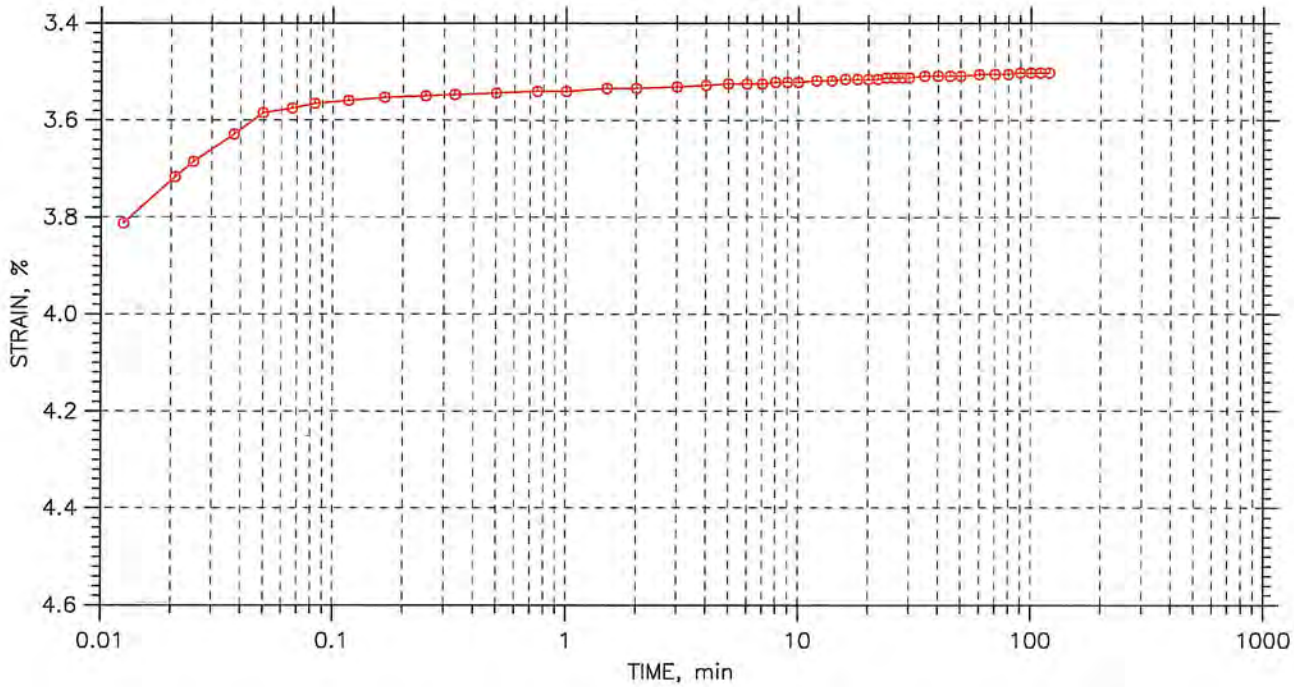
Tue, 16-DEC-2008 14:05:12

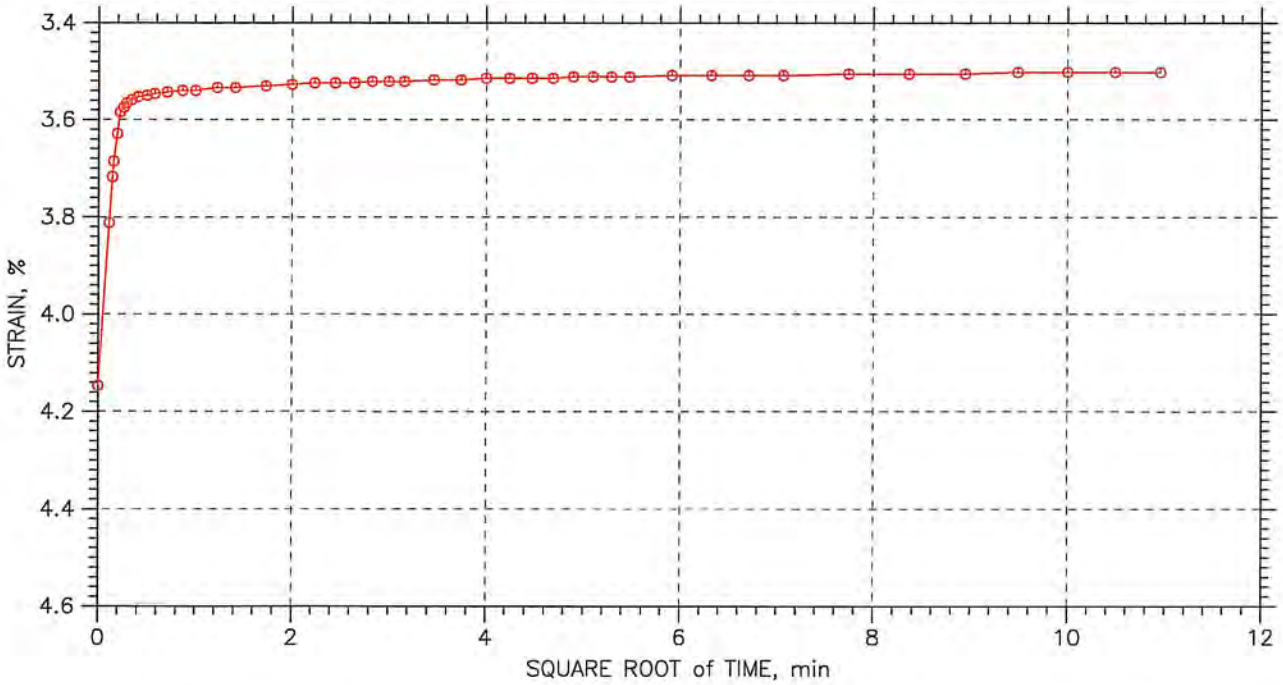
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 200. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

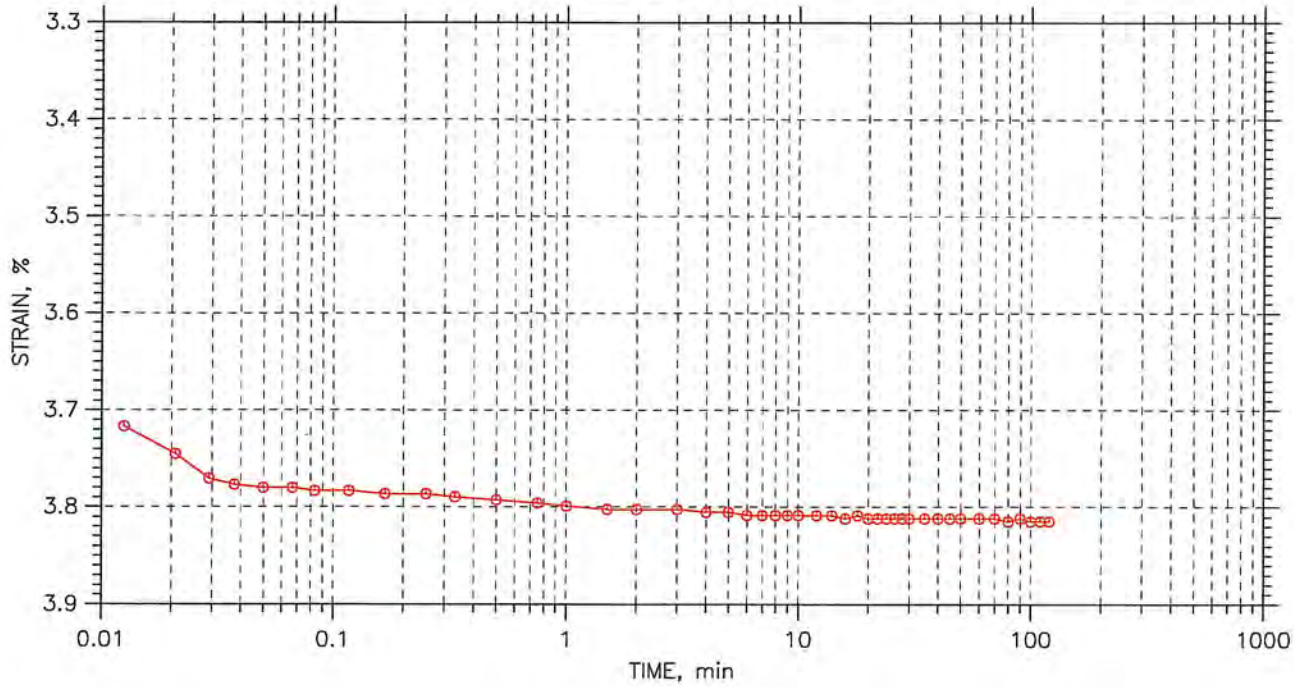
Tue, 16-DEC-2008 14:05:18

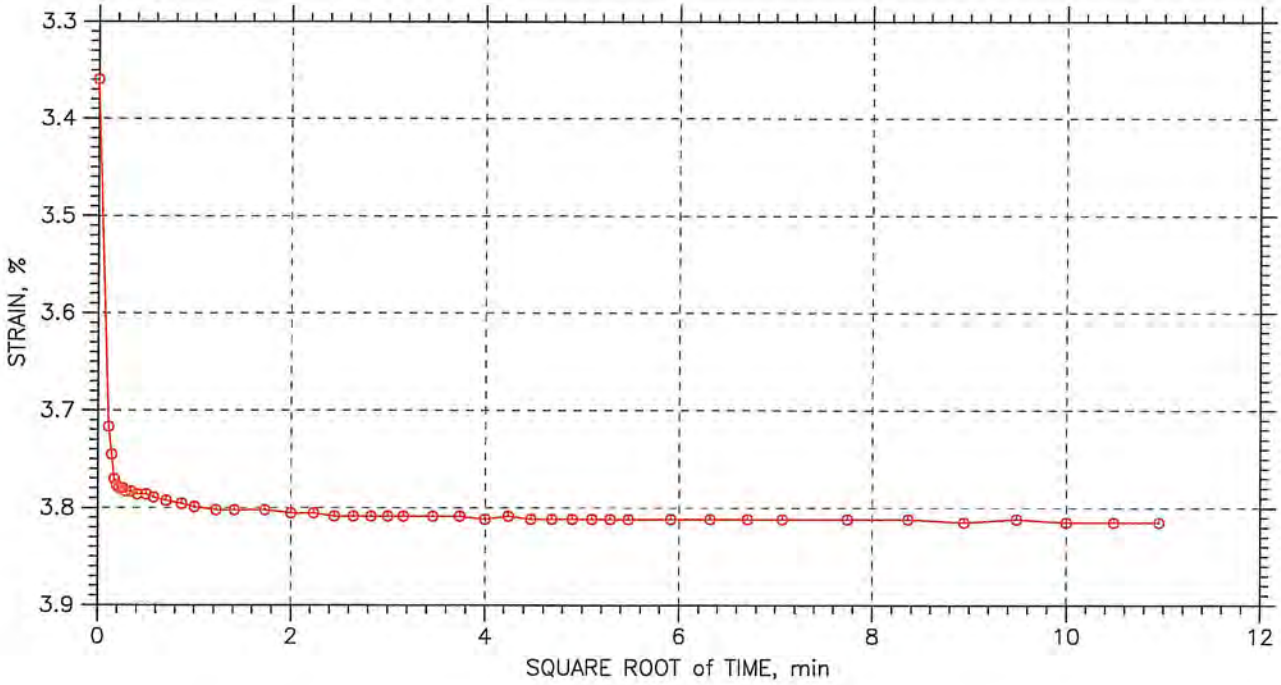
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 800. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

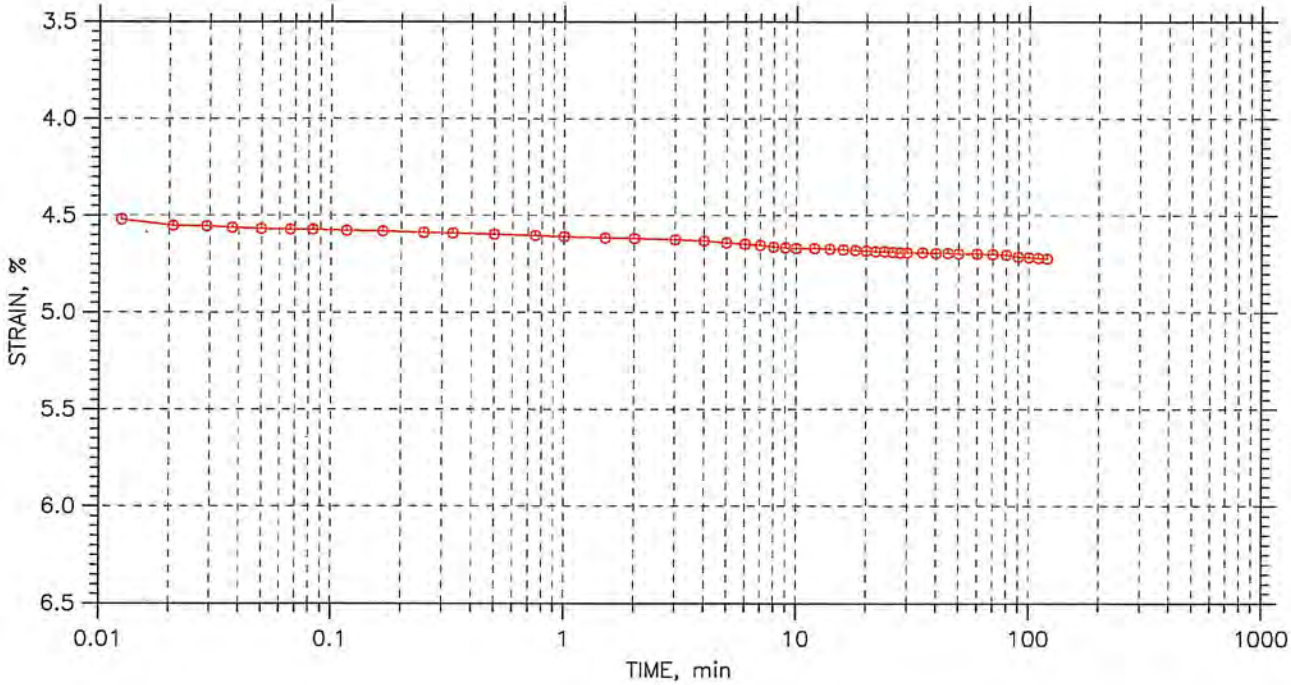
Tue, 16-DEC-2008 14:05:24

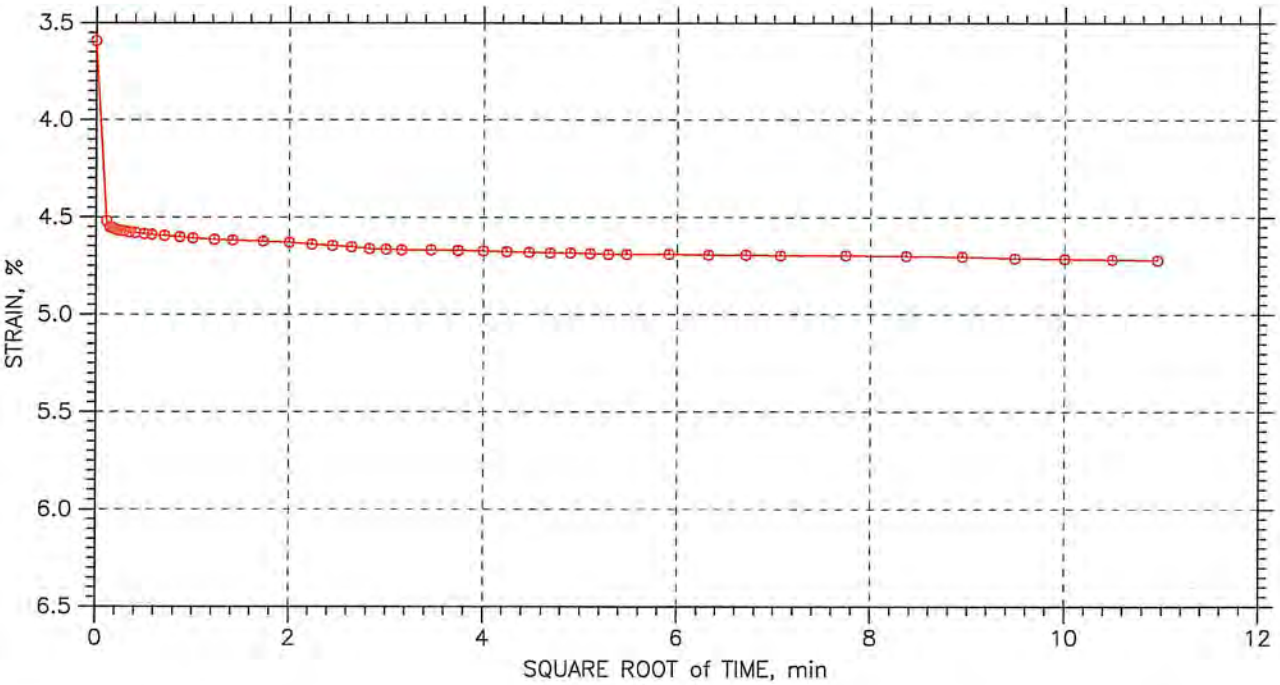
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 3200. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

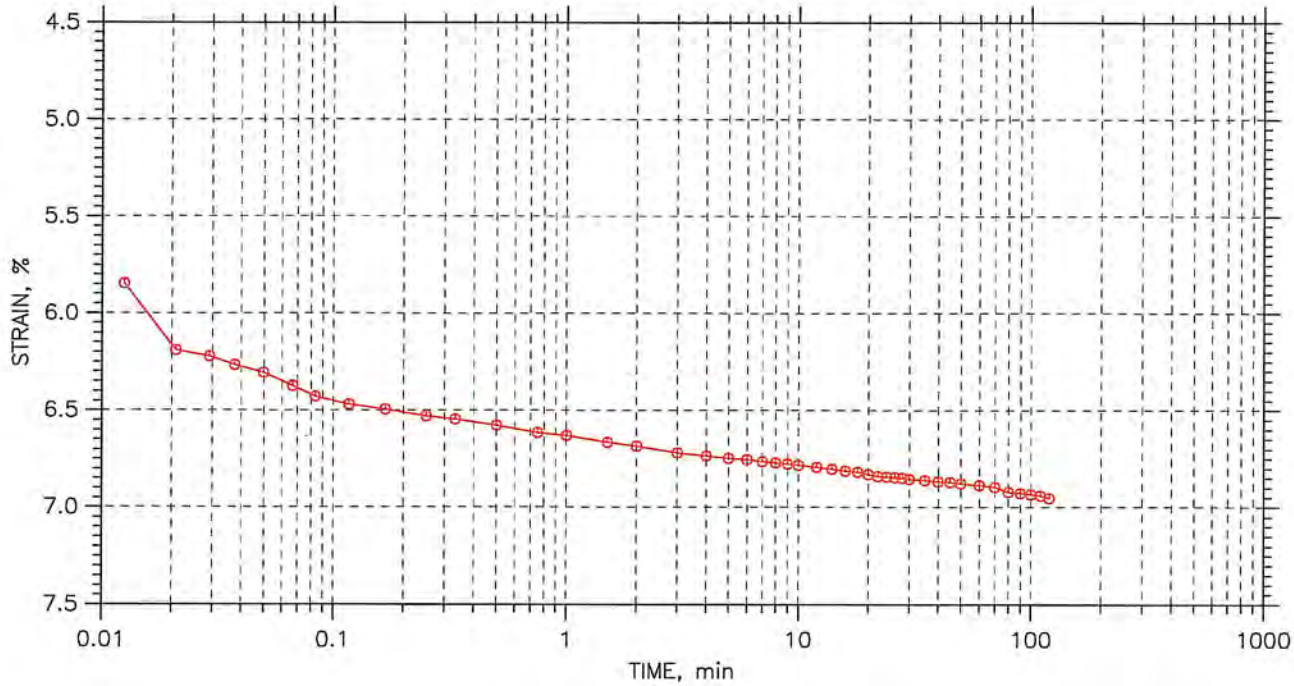
Tue, 16-DEC-2008 14:05:29

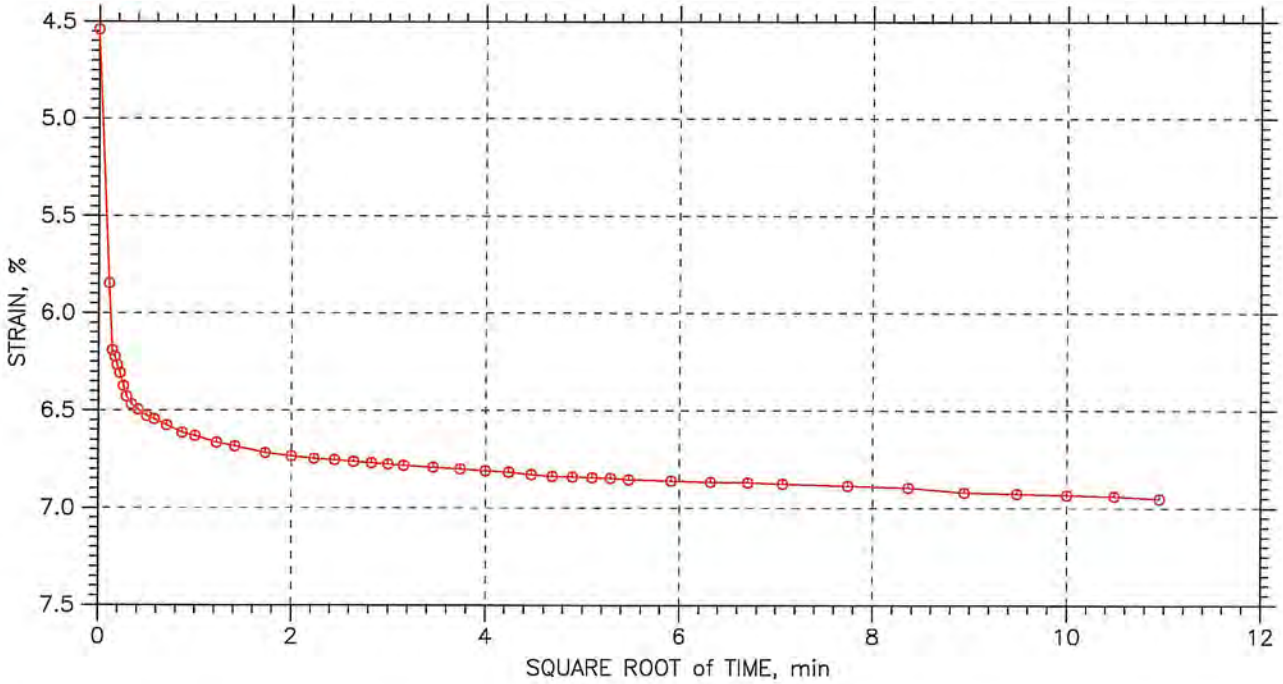
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 6400. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

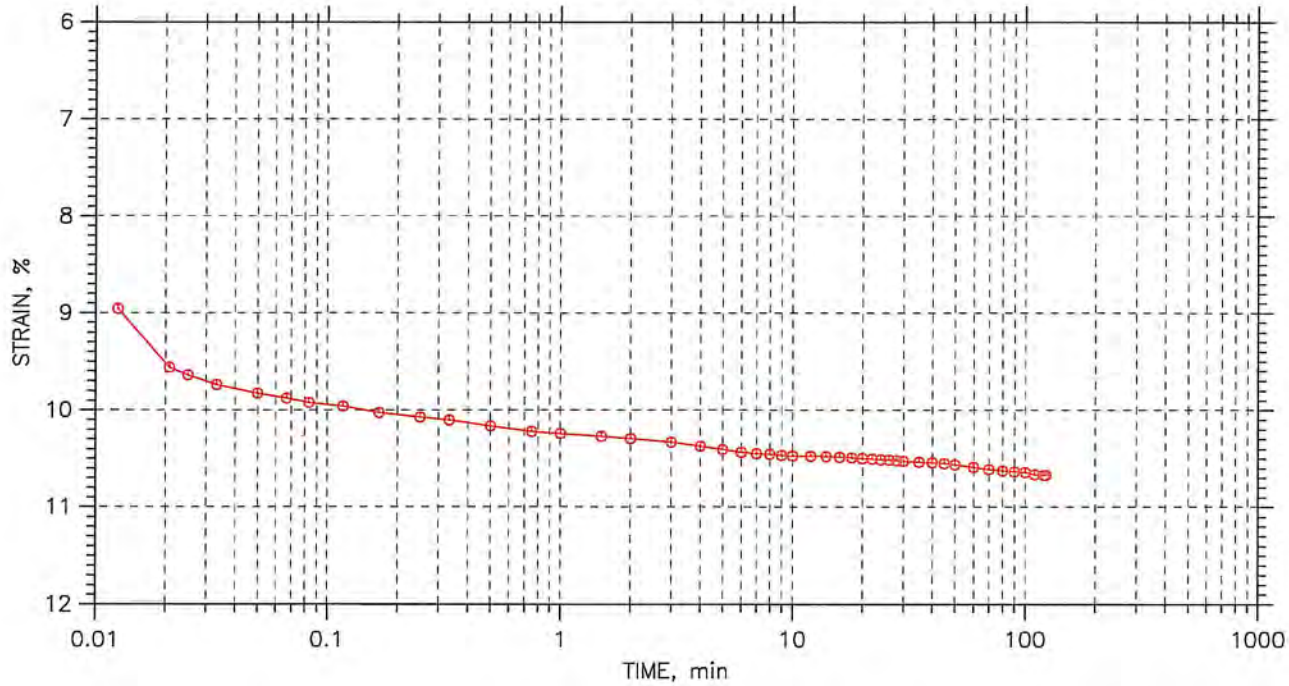
Tue, 16-DEC-2008 14:05:33

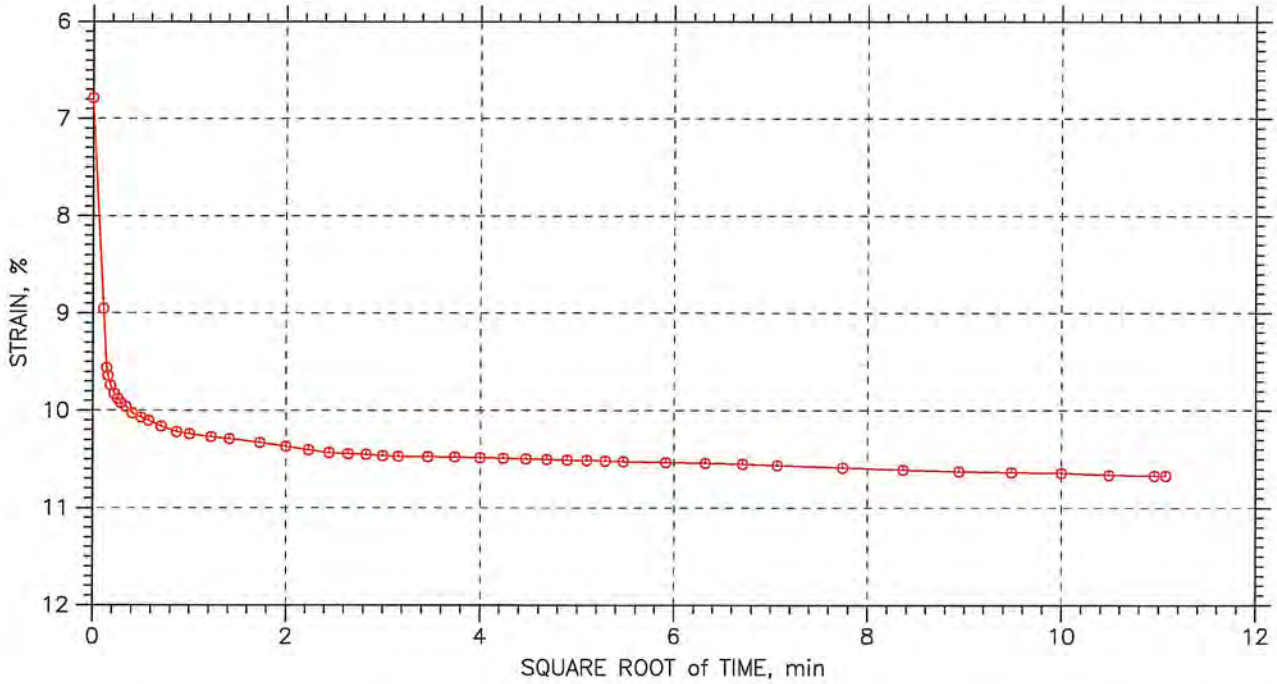
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 12800 psf



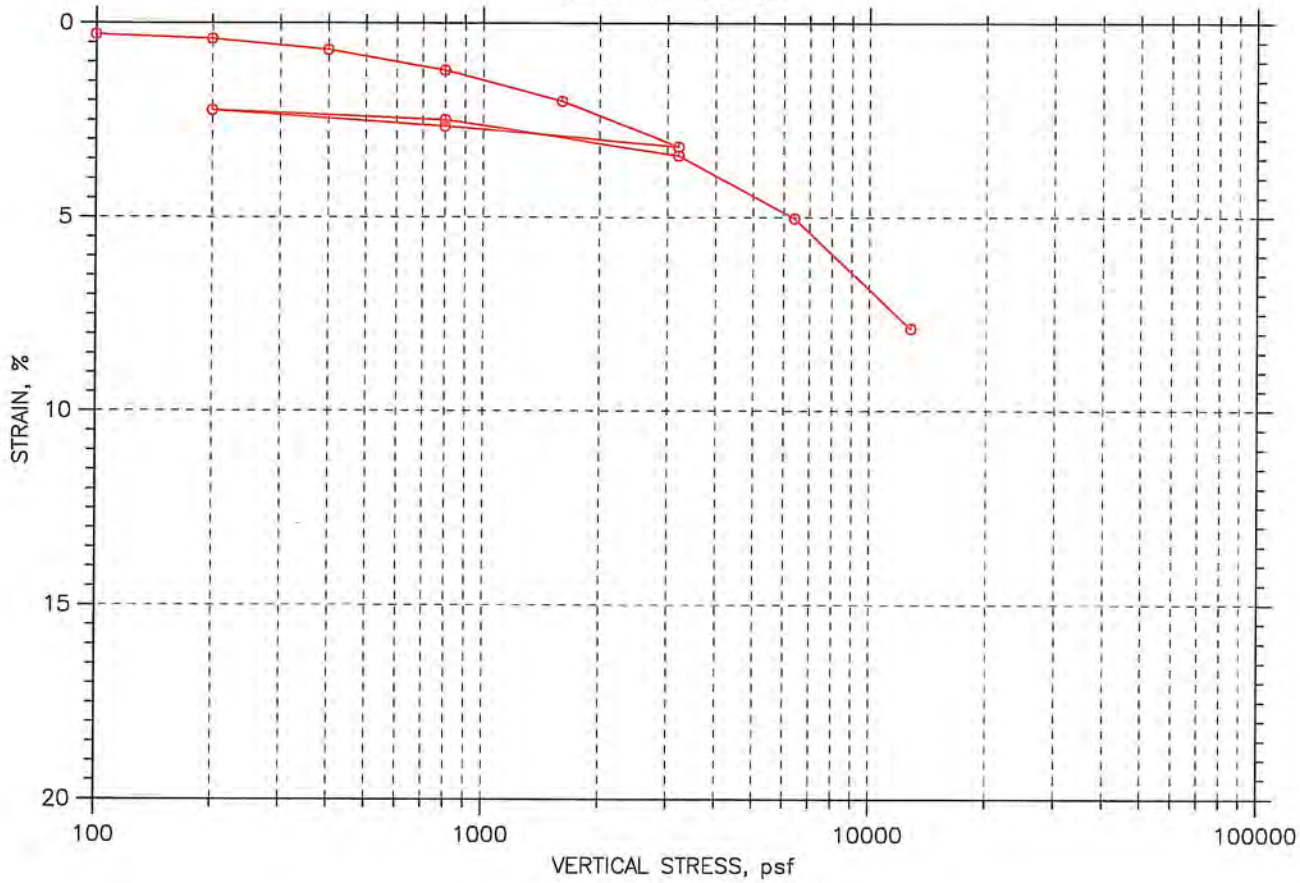


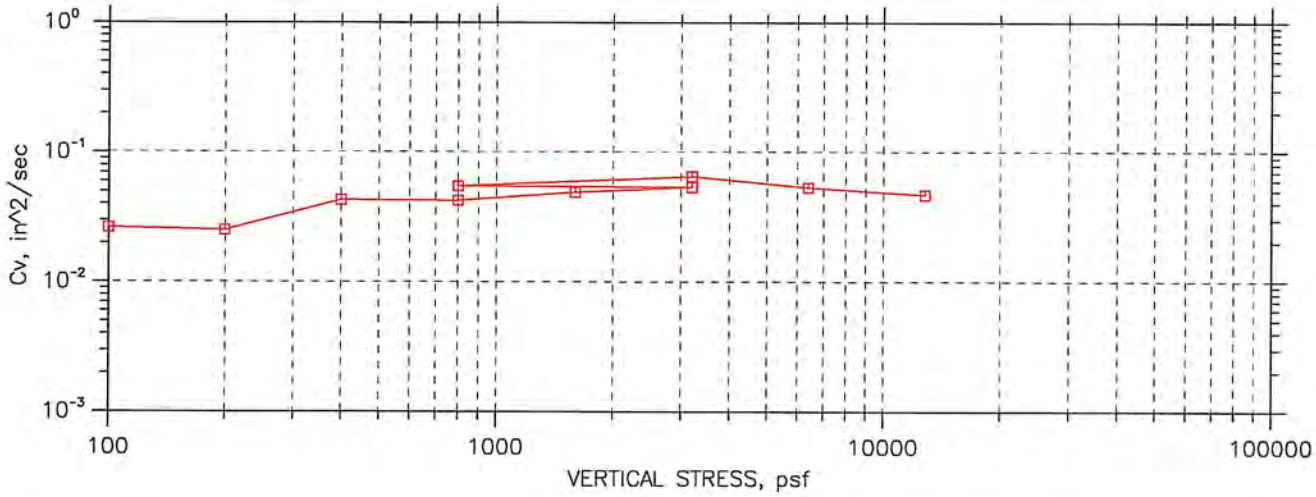
GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00182	Test Date: 12/05/08	Depth: ---
	Test No.: C-2	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System C - 0018S-D00182		

Tue, 16-DEC-2008 14:05:38

CONSOLIDATION TEST DATA

SUMMARY REPORT



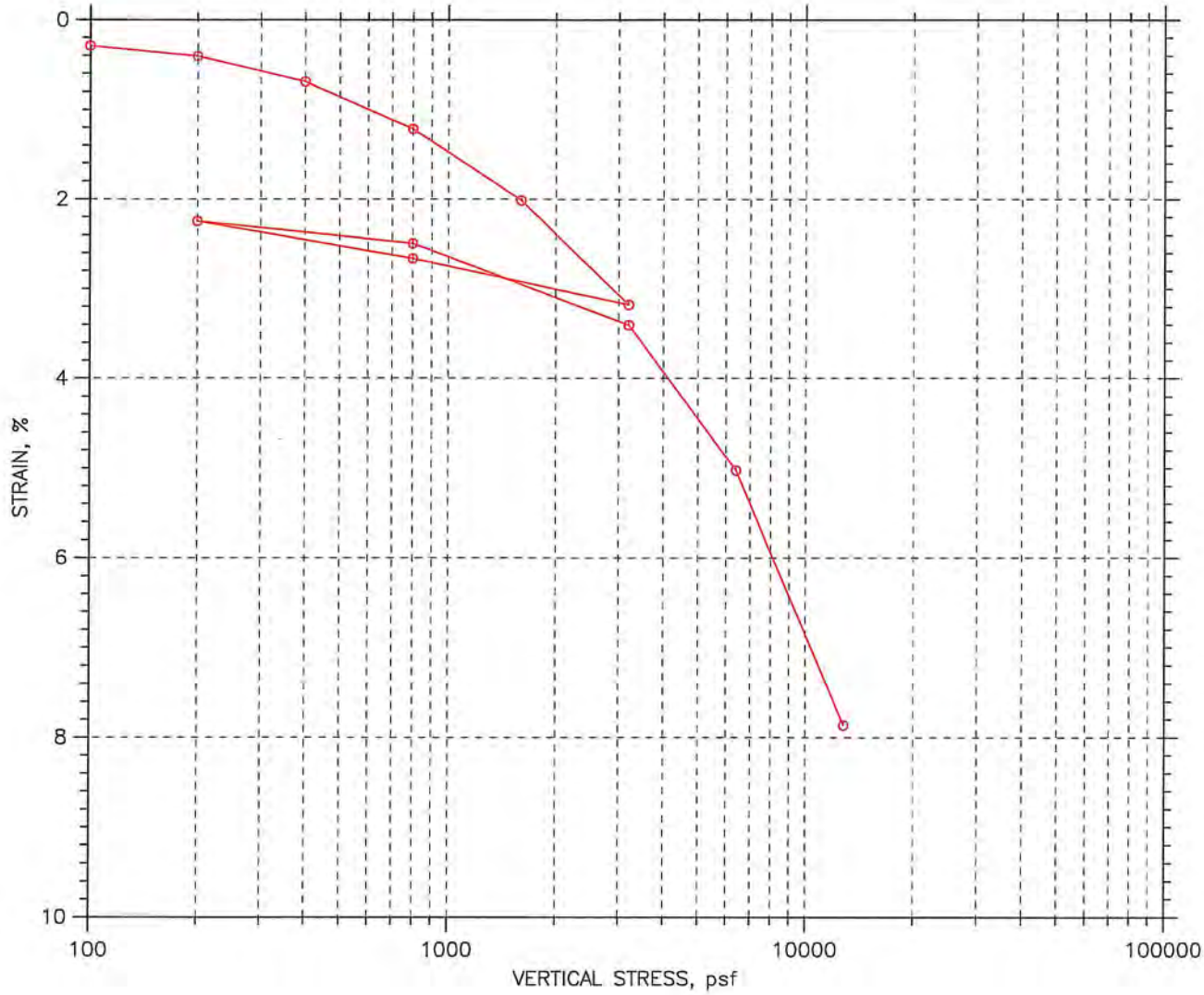


GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

Tue, 16-DEC-2008 14:01:27

CONSOLIDATION TEST DATA

SUMMARY REPORT



					Before Test	After Test
Overburden Pressure: ---				Water Content, %	103.84	95.49
Preconsolidation Pressure: ---				Dry Unit Weight, pcf	41.82	45.39
Compression Index: ---				Saturation, %	96.84	100.00
Diameter: 2.5 in		Height: 1 in		Void Ratio	2.55	2.27
LL: NP	PL: NP	PI: NP	GS: 2.38			

GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

Tue, 16-DEC-2008 14:01:30

CONSOLIDATION TEST DATA

Project: EPA Region 1
Boring No.: ---
Sample No.: D00188
Test No.: C-1

Location: ---
Tested By: md
Test Date: 12/05/08
Sample Type: tube

Project No.: GTX-8696
Checked By: jdt
Depth: ---
Elevation: ---

Soil Description: Wet, very dark gray sandy silt
Remarks: System G- 0018S-D00188

Estimated Specific Gravity: 2.38
Initial Void Ratio: 2.55
Final Void Ratio: 2.27

Liquid Limit: NP
Plastic Limit: NP
Plasticity Index: NP

Initial Height: 1.00 in
Specimen Diameter: 2.50 in

	Before Consolidation		After Consolidation	
	Trimmings	Specimen+Ring	Specimen+Ring	Trimmings
Container ID	68.06	RING		3359
Wt. Container + Wet Soil, gm	134.83	326.25	321.75	113.41
Wt. Container + Dry Soil, gm	68.06	270.3	270.3	61.97
Wt. Container, gm	8.09	216.41	216.41	8.1
Wt. Dry Soil, gm	59.97	53.885	53.885	53.87
Water Content, %	111.34	103.84	95.49	95.49
Void Ratio	---	2.55	2.27	---
Degree of Saturation, %	---	96.84	100.00	---
Dry Unit Weight, pcf	---	41.819	45.389	---

Note: Specific Gravity and Void Ratios are calculated assuming the degree of saturation equals 100% at the end of the test. Therefore, values may not represent actual values for the specimen.

CONSOLIDATION TEST DATA

Project: EPA Region 1
Boring No.: ---
Sample No.: D00188
Test No.: C-1

Location: ---
Tested By: md
Test Date: 12/05/08
Sample Type: tube

Project No.: GTX-8696
Checked By: jdt
Depth: ---
Elevation: ---

Soil Description: Wet, very dark gray sandy silt
Remarks: System G- 0018S-D00188

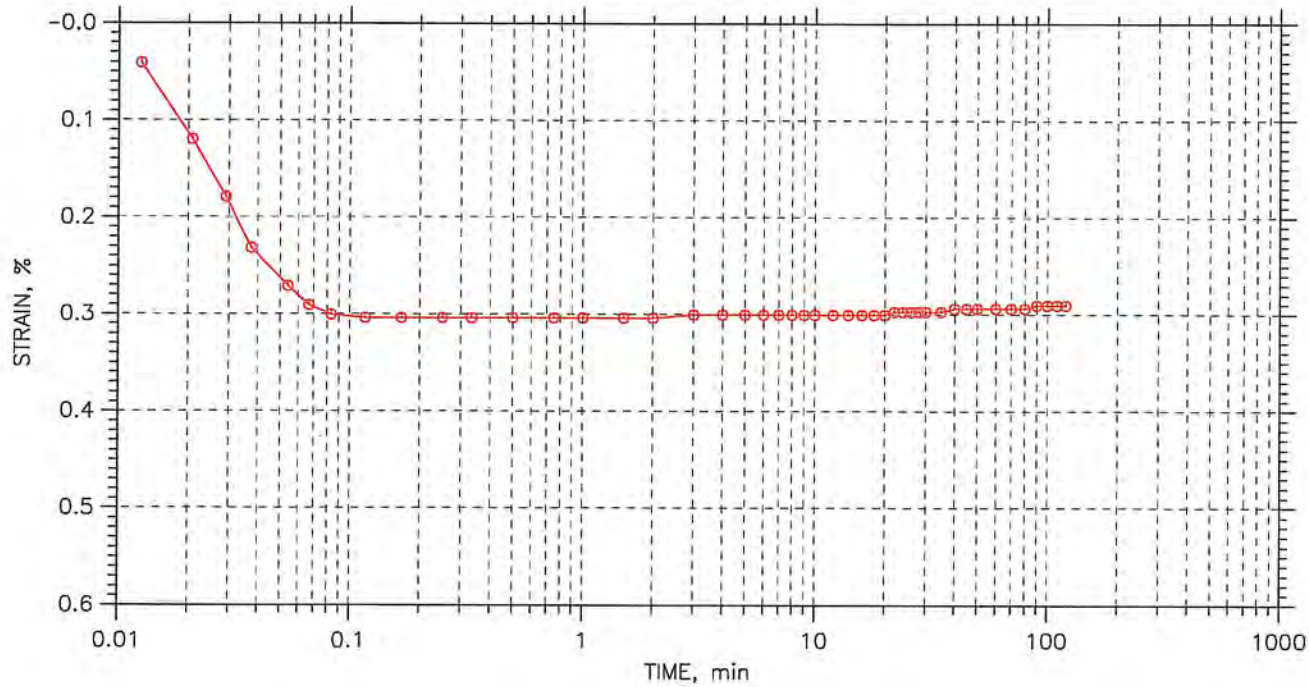
	Applied Stress psf	Final Displacement in	Void Ratio	Strain at End %	T50 Fitting Sq.Rt. min	T50 Fitting Log min	Coefficient of Consolidation Sq.Rt. in^2/sec	Coefficient of Consolidation Log in^2/sec	Coefficient of Consolidation Ave. in^2/sec
1	100	0.002907	2.540	0.29	0.0	0.0	2.63e-002	0.00e+000	2.63e-002
2	200	0.004055	2.536	0.41	0.0	0.0	2.51e-002	0.00e+000	2.51e-002
3	400	0.006881	2.526	0.69	0.0	0.0	4.29e-002	0.00e+000	4.29e-002
4	800	0.01215	2.507	1.21	0.0	0.0	4.50e-002	4.01e-002	4.24e-002
5	1.6e+003	0.02015	2.478	2.02	0.0	0.0	4.92e-002	0.00e+000	4.92e-002
6	3.2e+003	0.03178	2.437	3.18	0.0	0.0	5.38e-002	0.00e+000	5.38e-002
7	800	0.0266	2.456	2.66	0.0	0.0	5.93e-002	0.00e+000	5.93e-002
8	200	0.02244	2.470	2.24	0.0	0.0	4.17e-002	0.00e+000	4.17e-002
9	800	0.02492	2.462	2.49	0.0	0.0	5.47e-002	0.00e+000	5.47e-002
10	3.2e+003	0.03405	2.429	3.41	0.0	0.0	6.50e-002	0.00e+000	6.50e-002
11	6.4e+003	0.05024	2.372	5.02	0.0	0.0	5.36e-002	0.00e+000	5.36e-002
12	1.28e+004	0.07864	2.271	7.86	0.0	0.0	4.69e-002	0.00e+000	4.69e-002

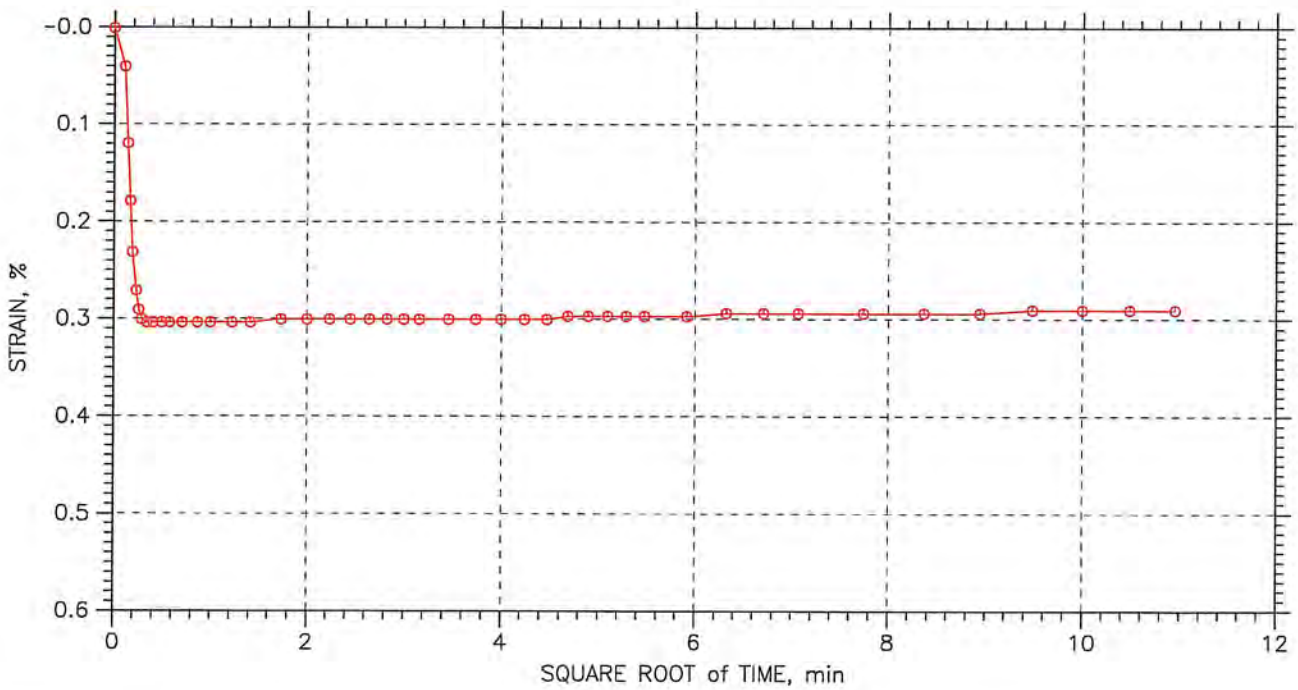
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 1 of 12

Stress: 100. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

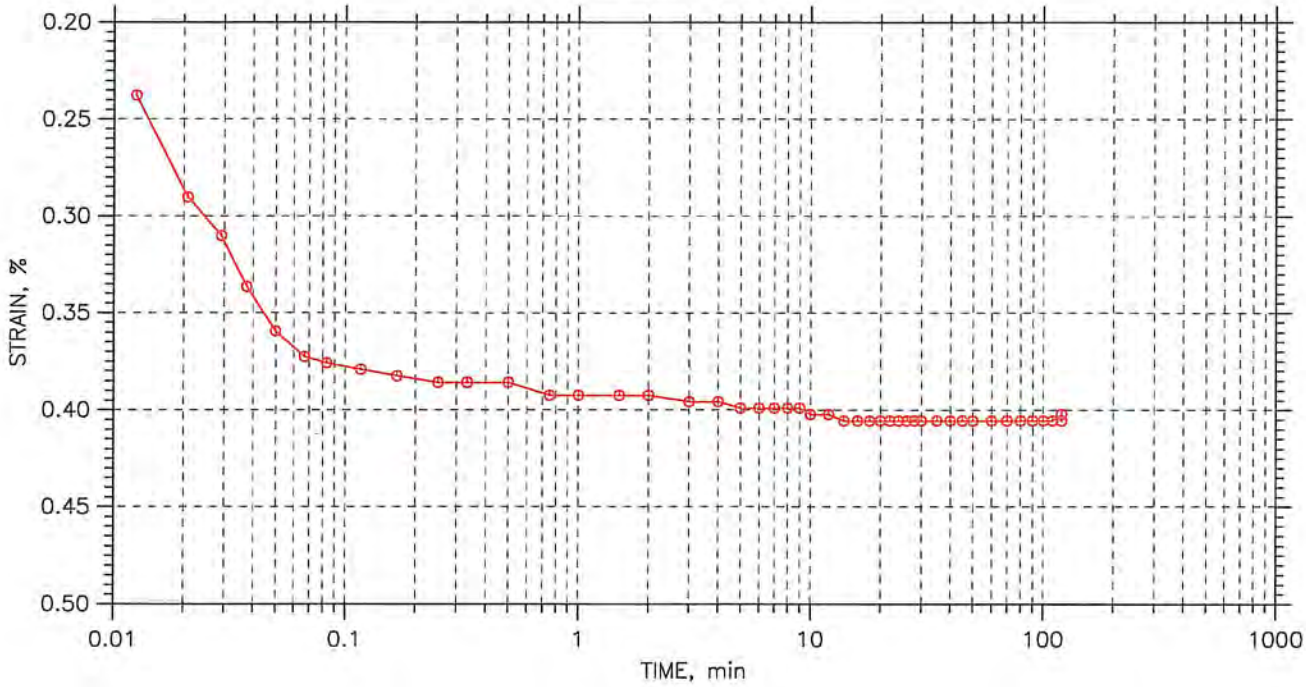
Tue, 16-DEC-2008 14:01:35

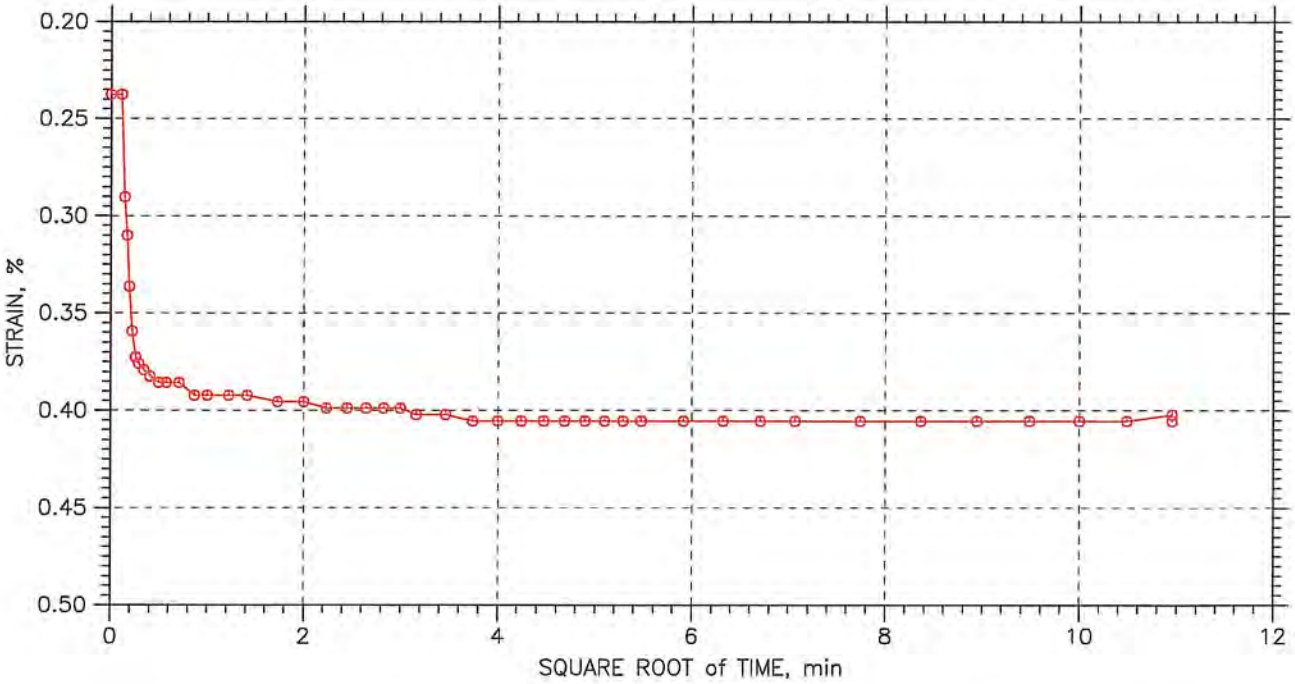
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 2 of 12

Stress: 200. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

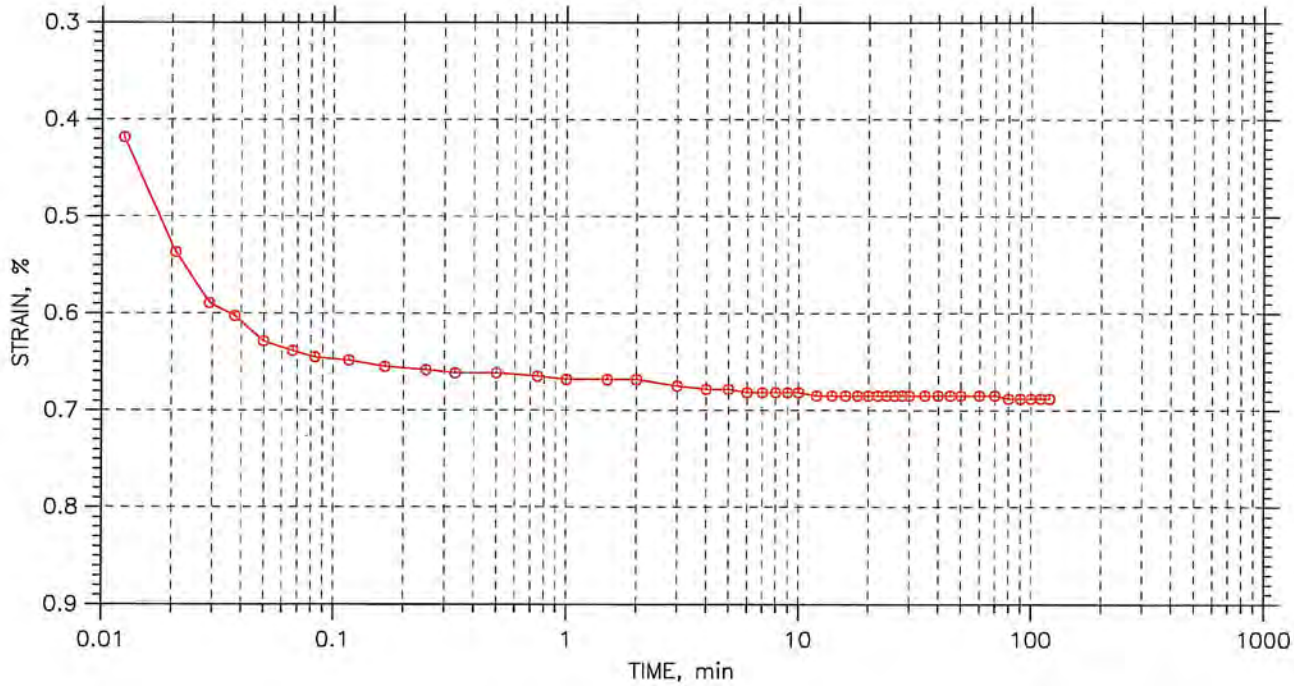
Tue, 16-DEC-2008 14:01:39

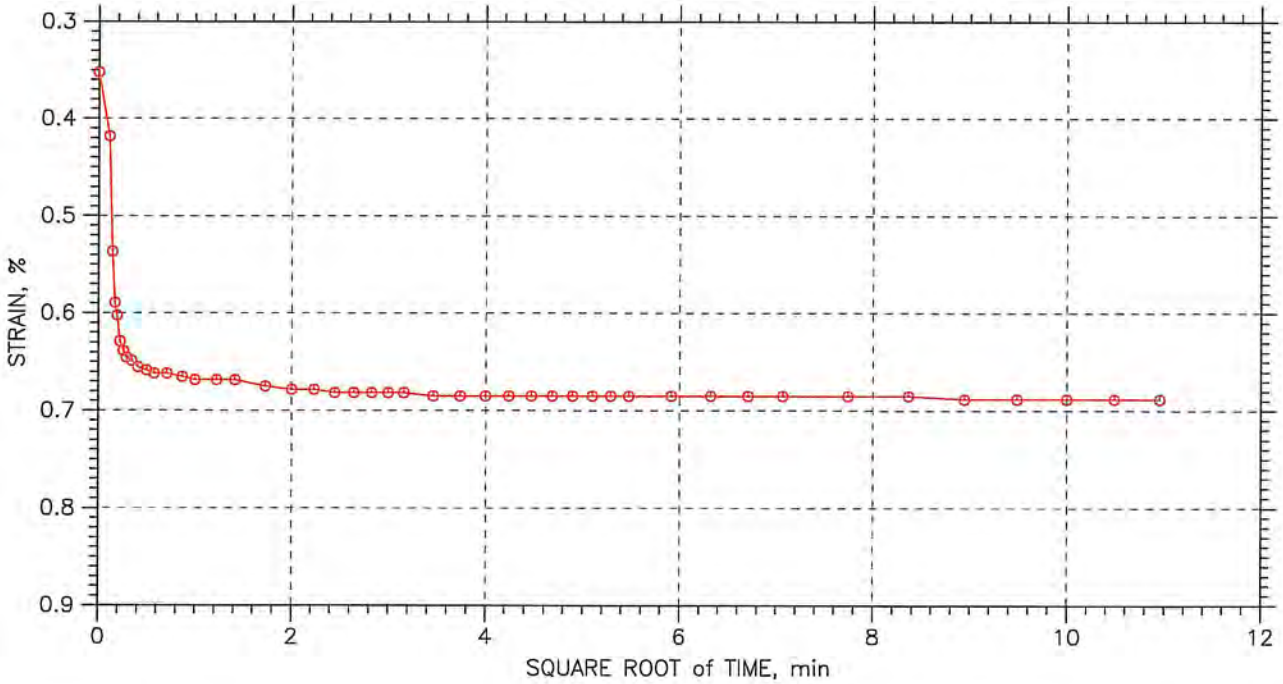
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 3 of 12

Stress: 400. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

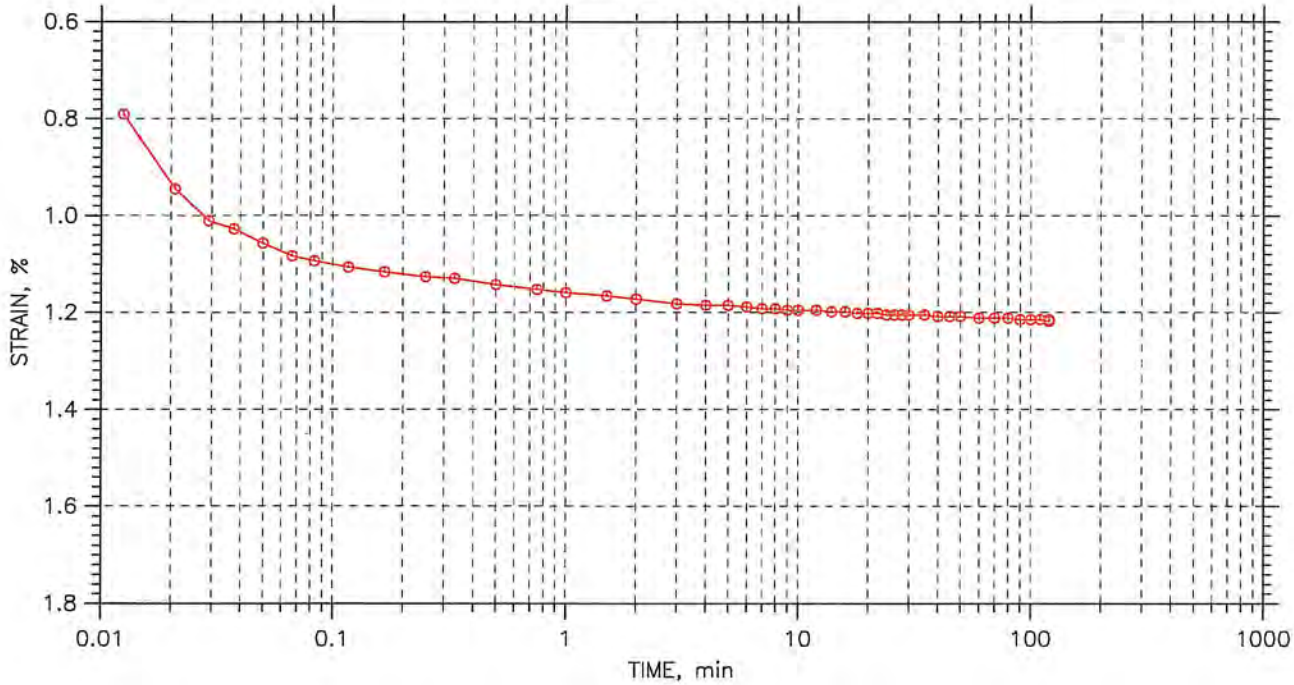
Tue, 16-DEC-2008 14:01:43

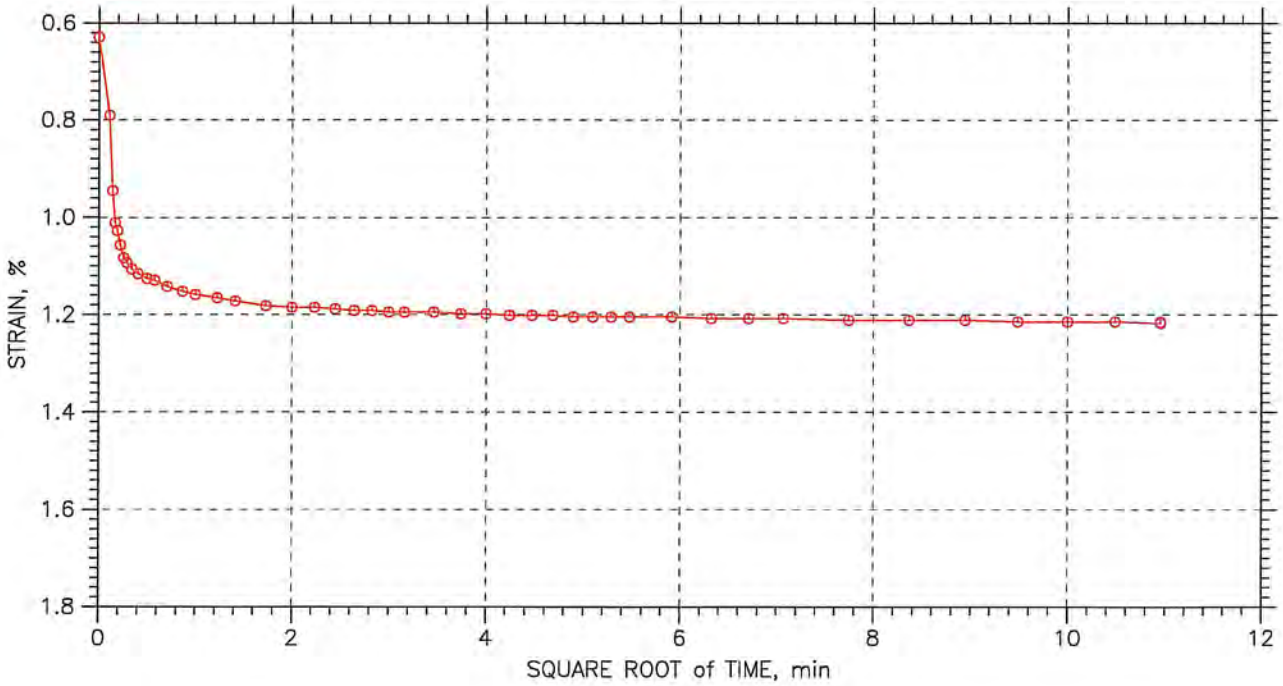
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 4 of 12

Stress: 800. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

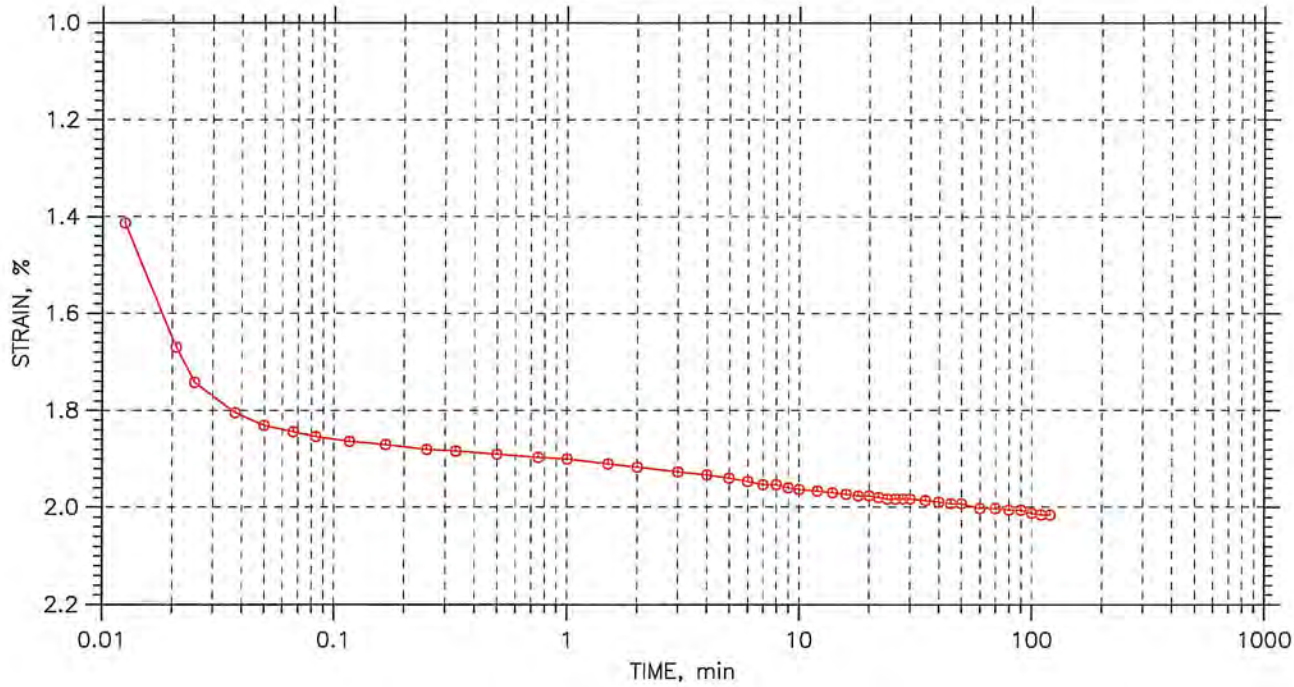
Tue, 16-DEC-2008 14:01:48

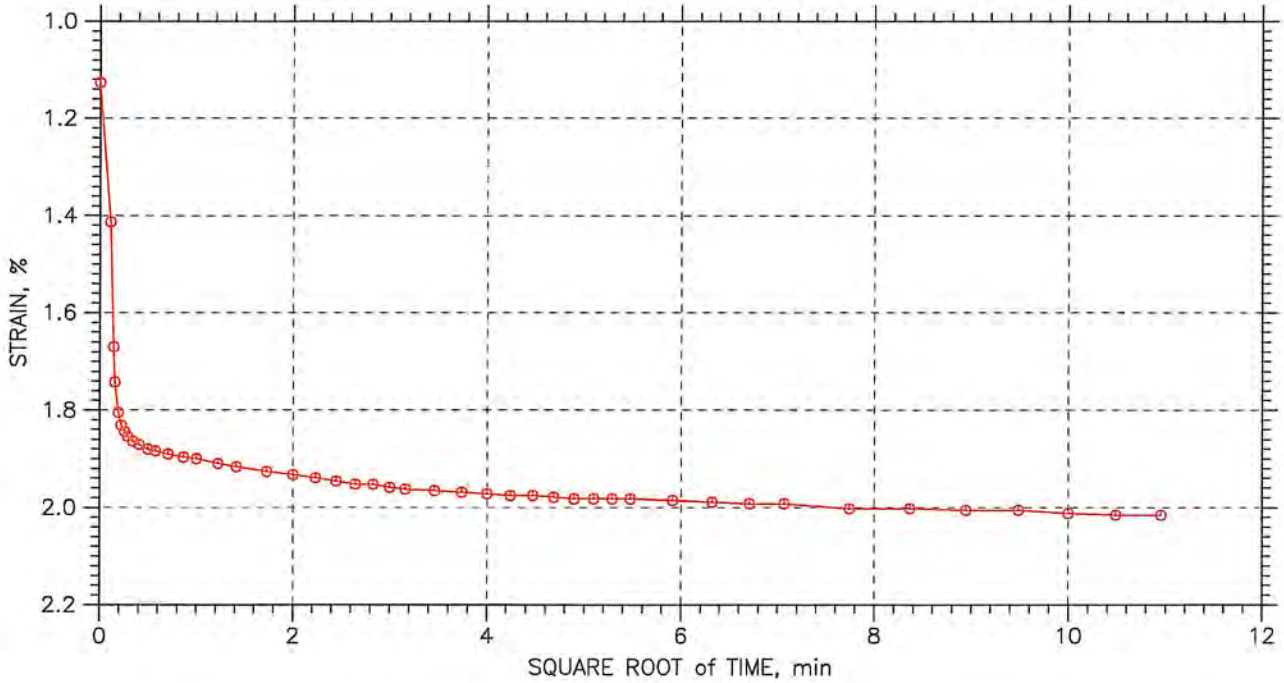
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 5 of 12

Stress: 1600. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

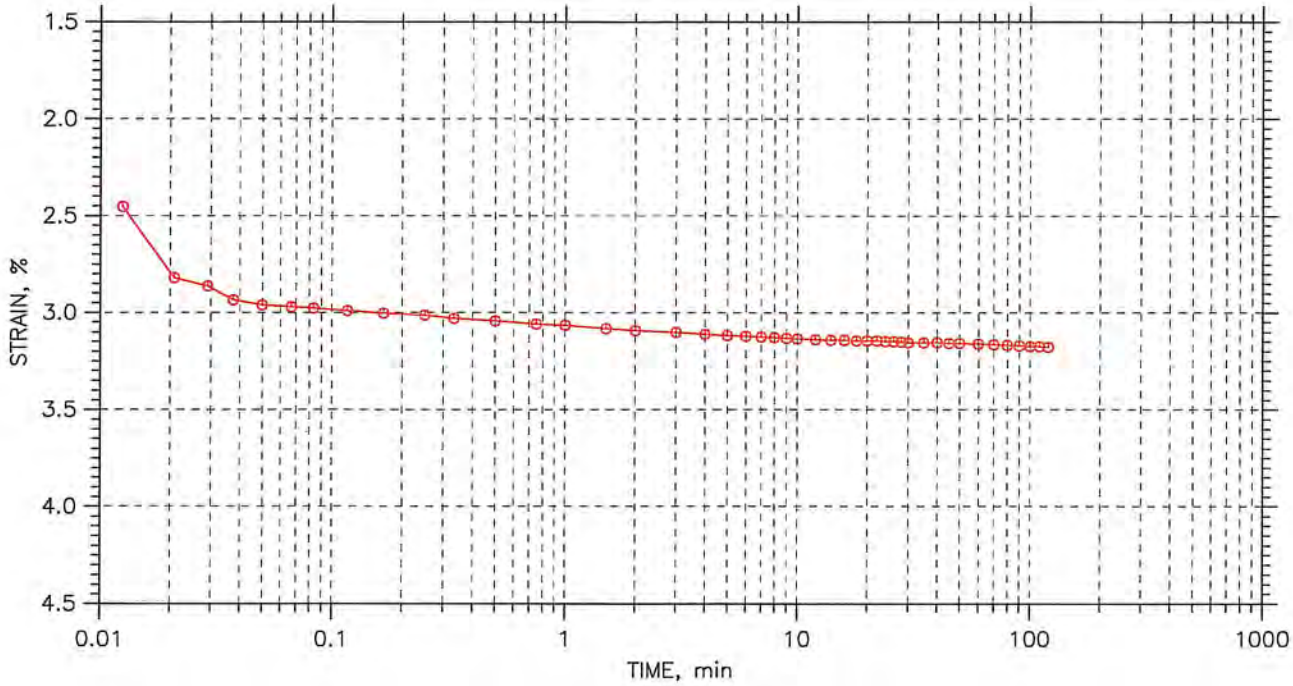
Tue, 16-DEC-2008 14:01:52

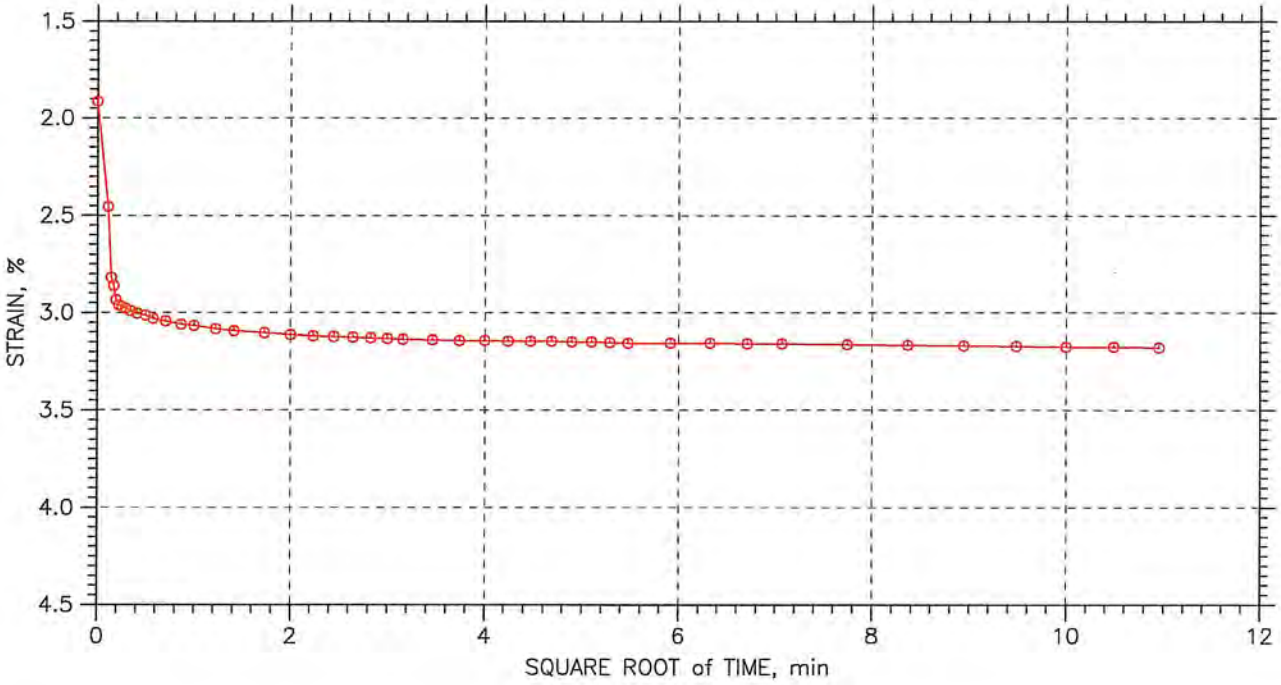
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 6 of 12

Stress: 3200. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

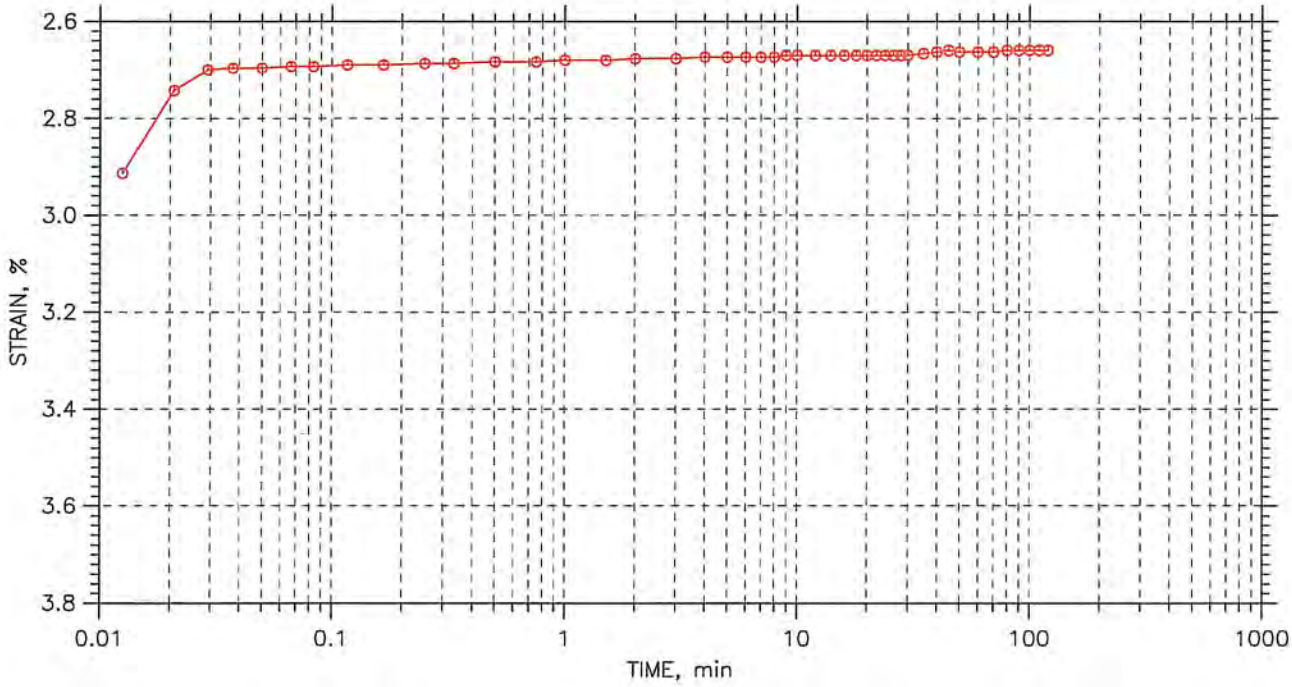
Tue, 16-DEC-2008 14:01:57

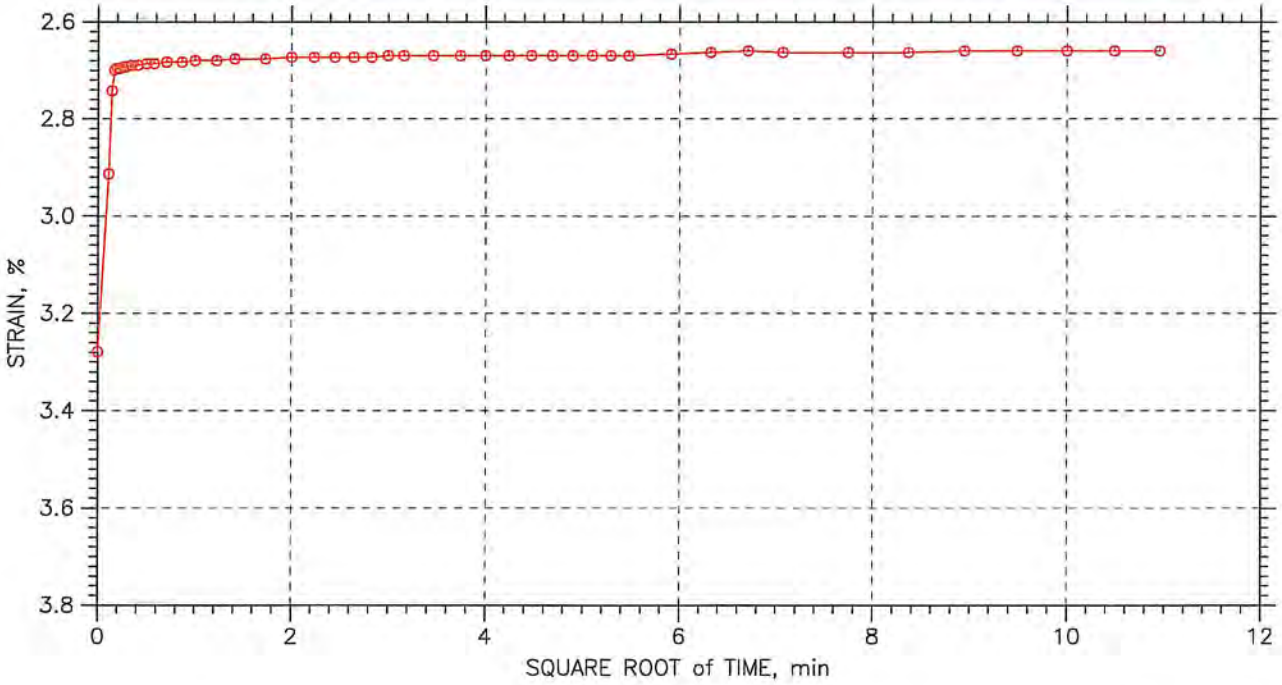
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 7 of 12

Stress: 800. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

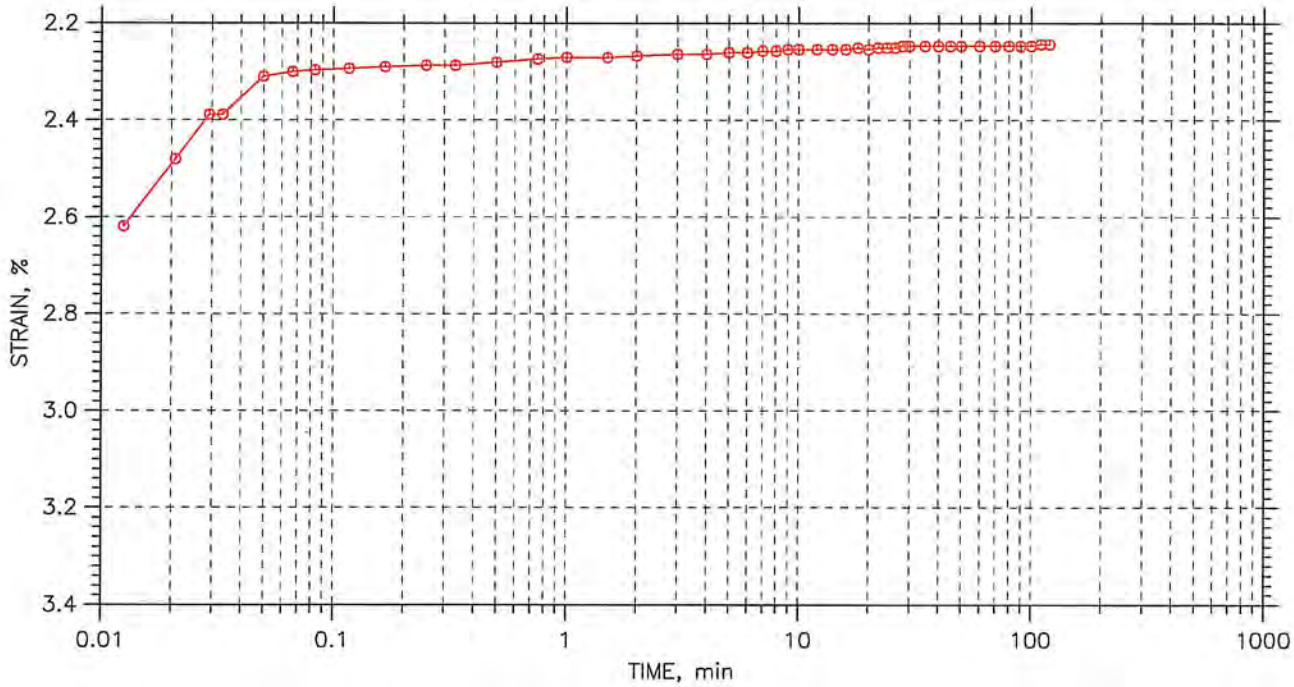
Tue, 16-DEC-2008 14:02:01

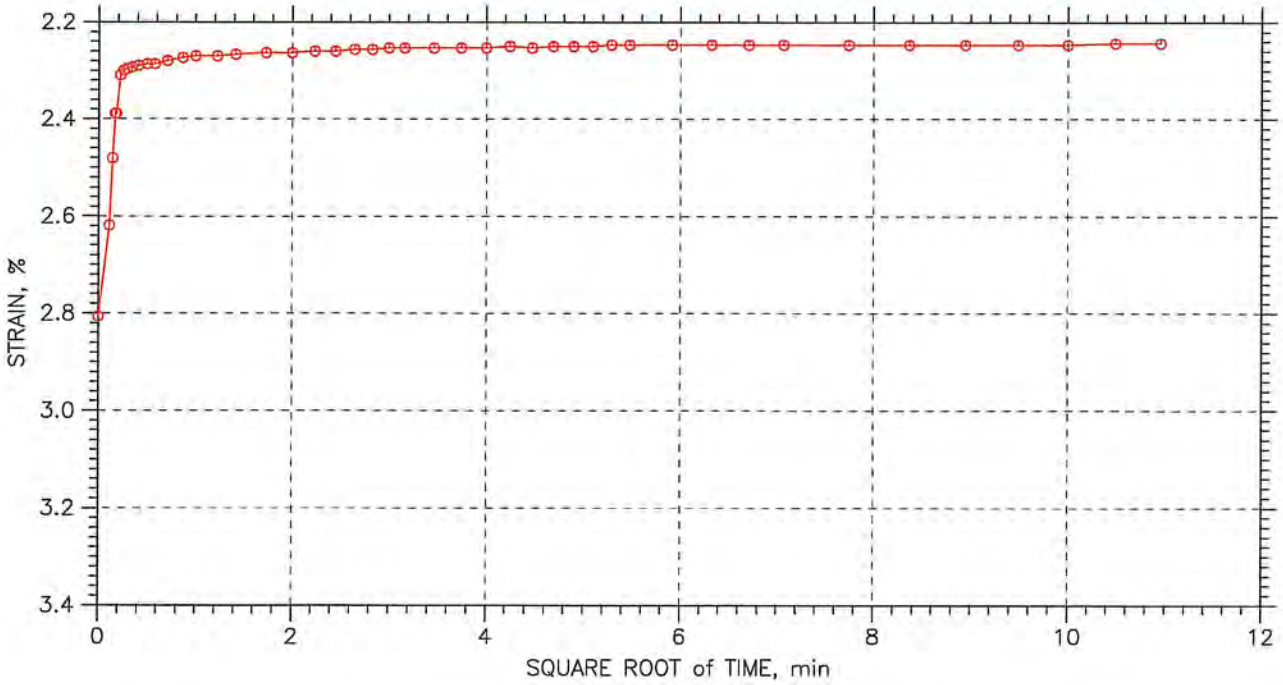
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 8 of 12

Stress: 200. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

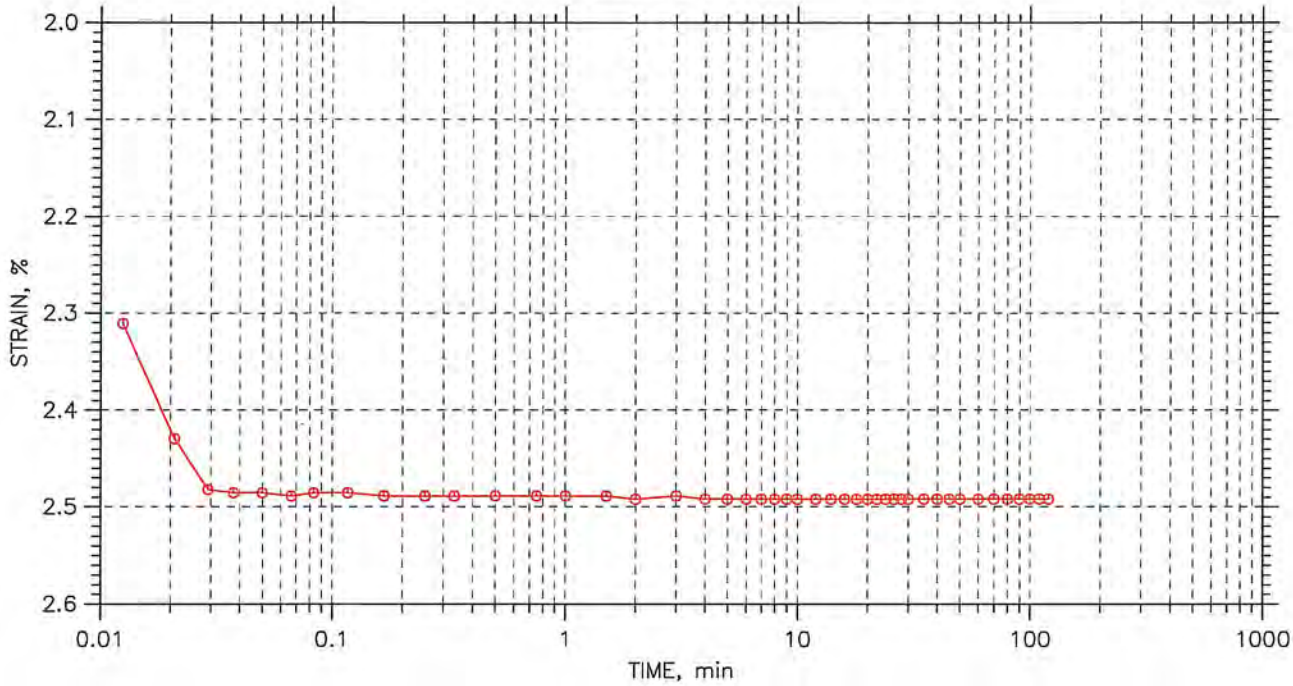
Tue, 16-DEC-2008 14:02:05

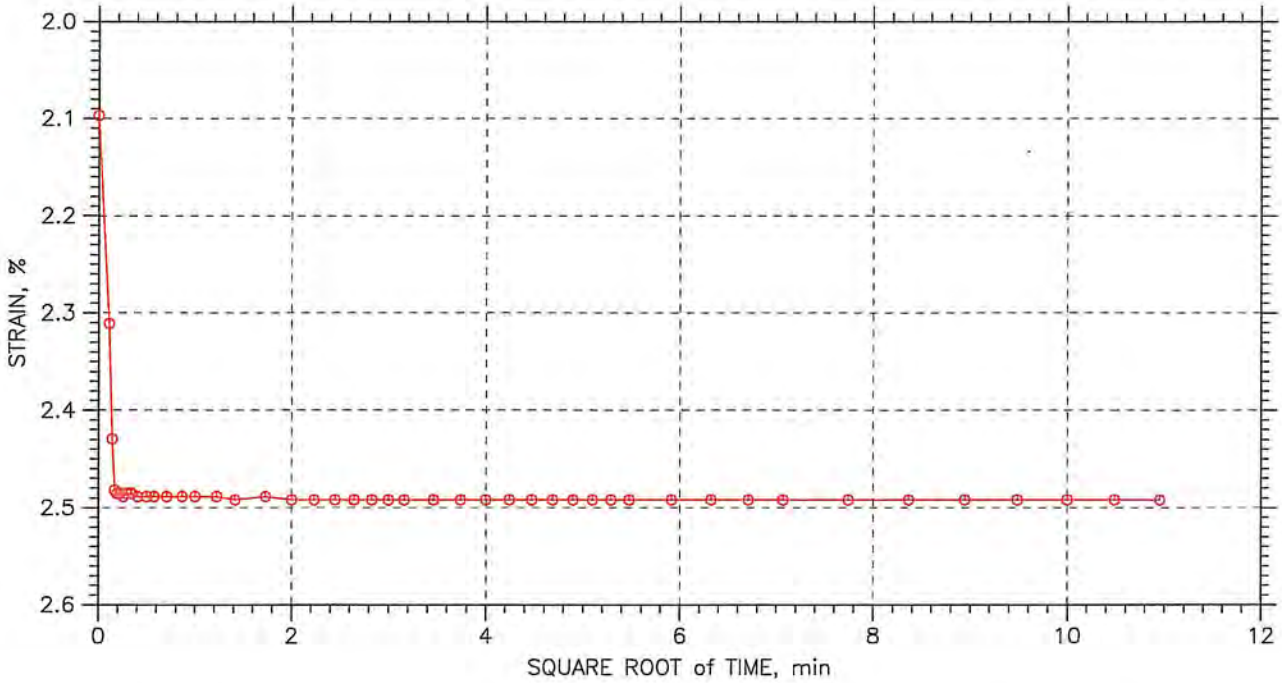
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 9 of 12

Stress: 800. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

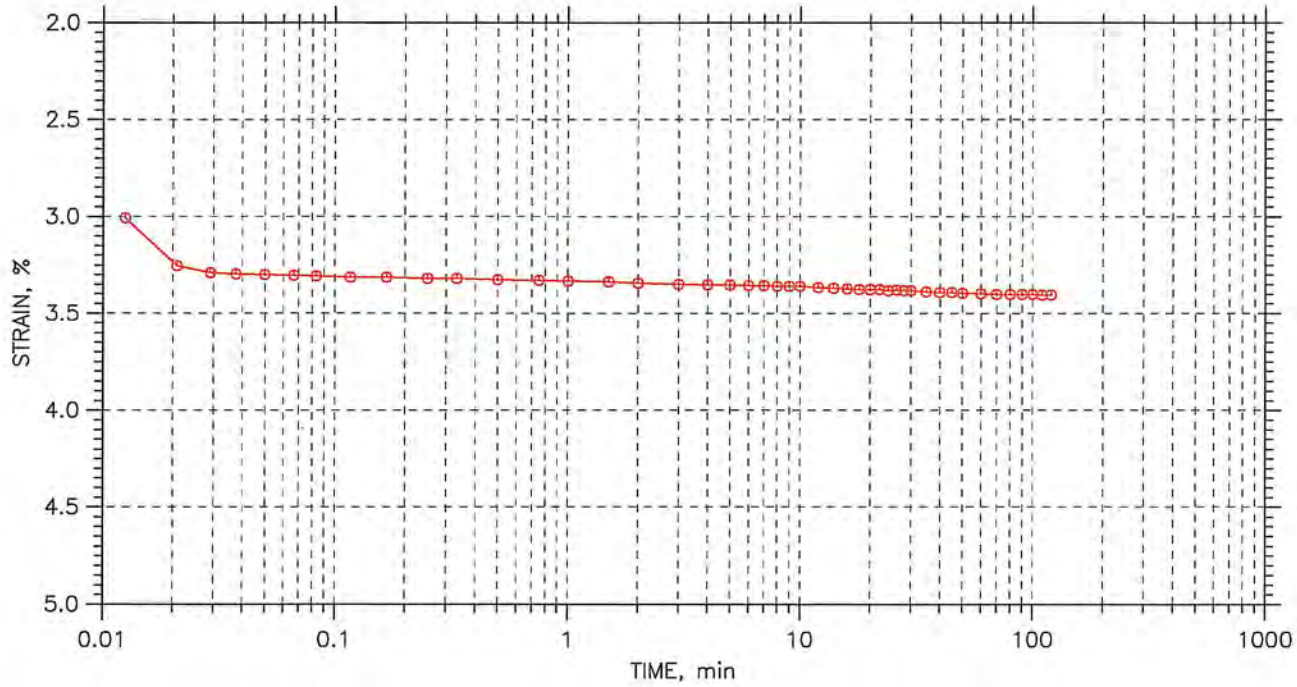
Tue, 16-DEC-2008 14:02:10

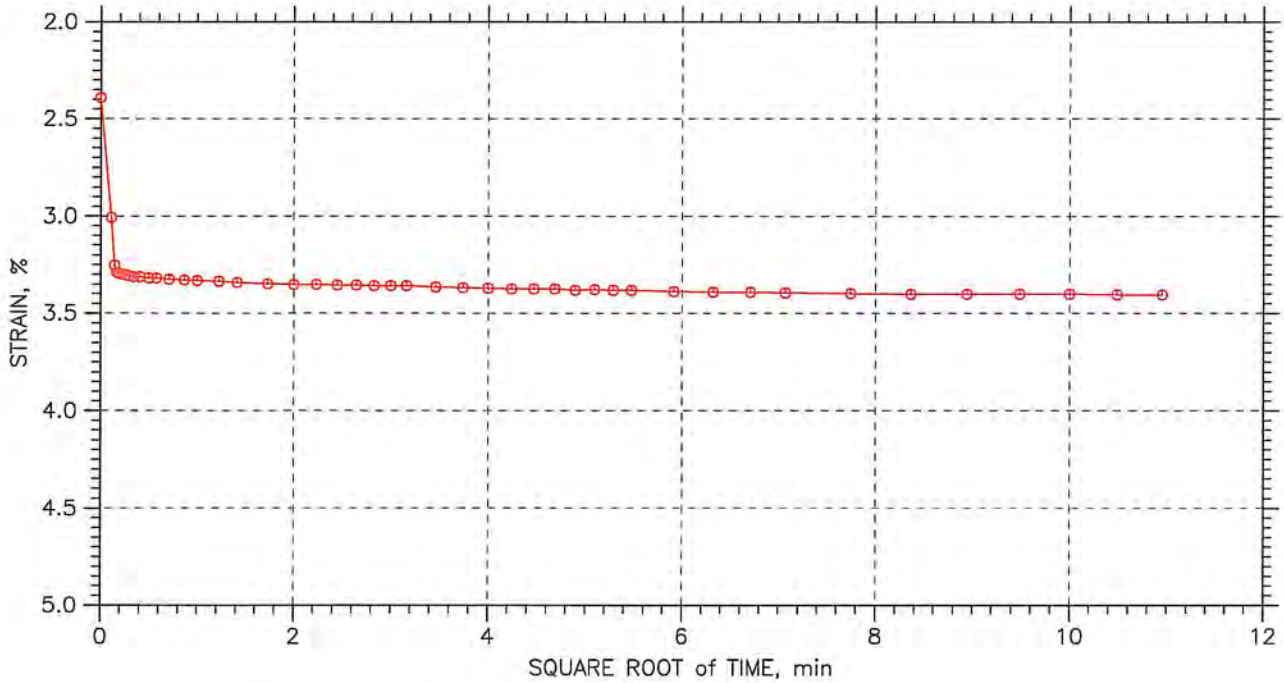
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 10 of 12

Stress: 3200. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

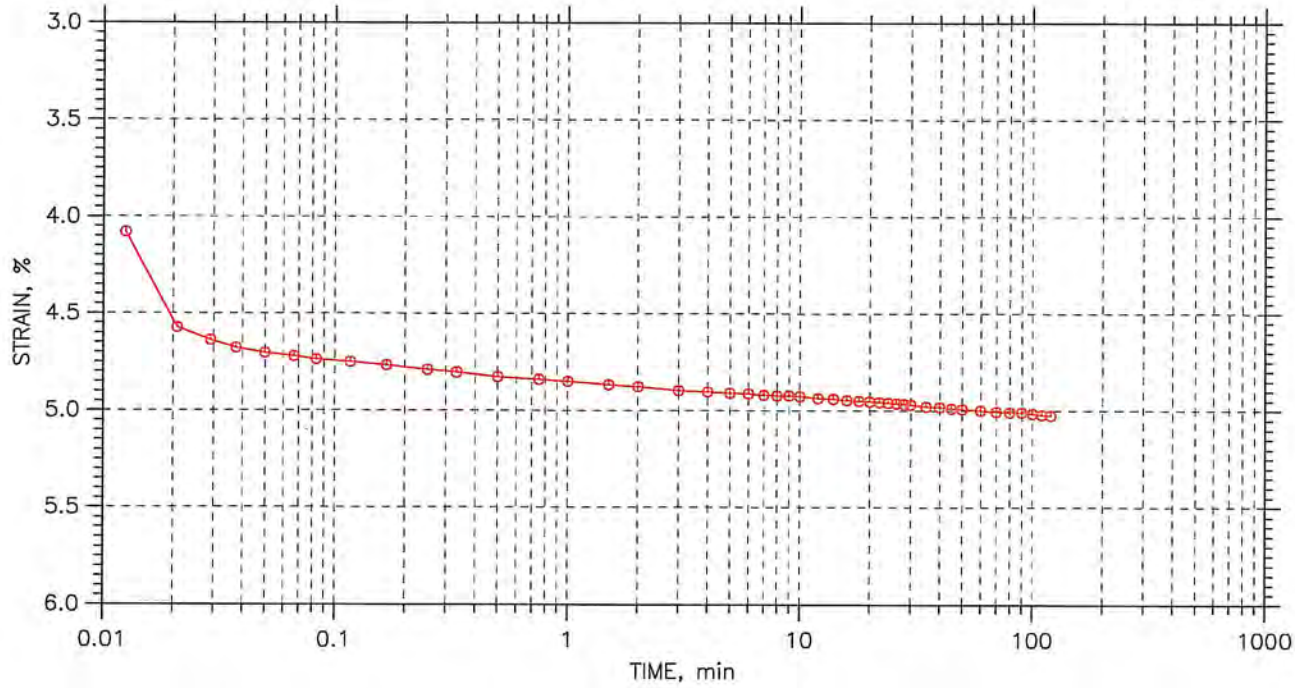
Tue, 16-DEC-2008 14:02:14

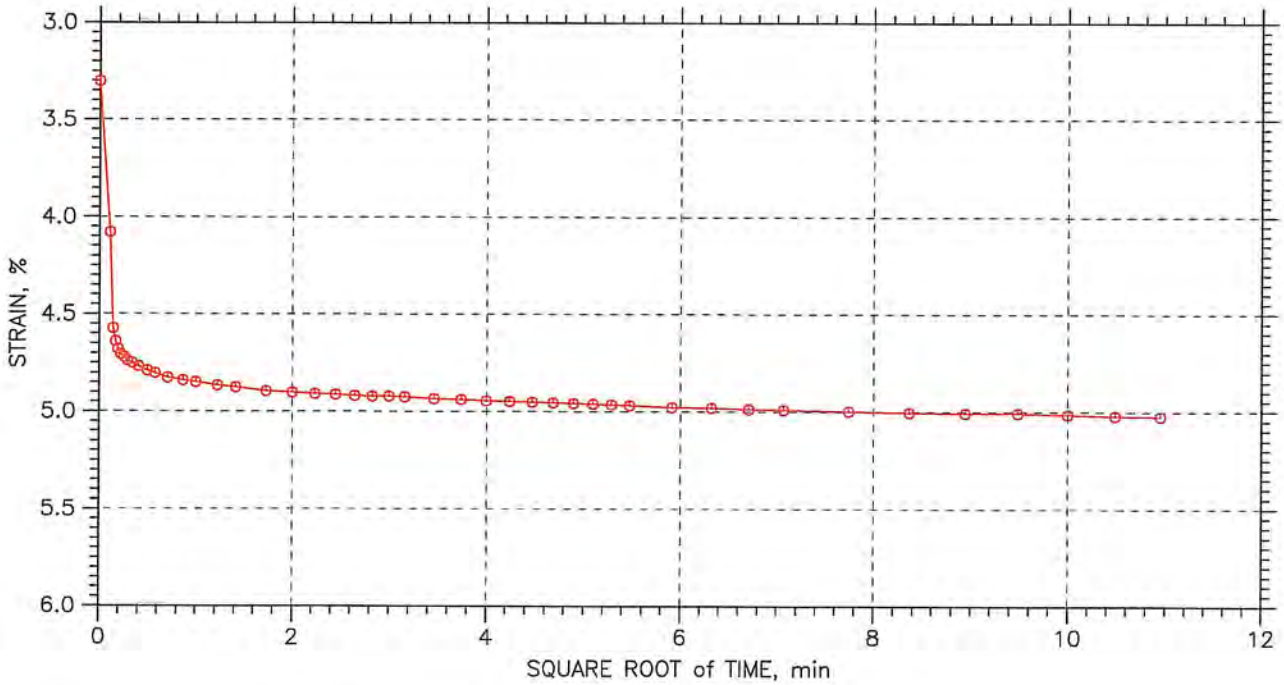
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 11 of 12

Stress: 6400. psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

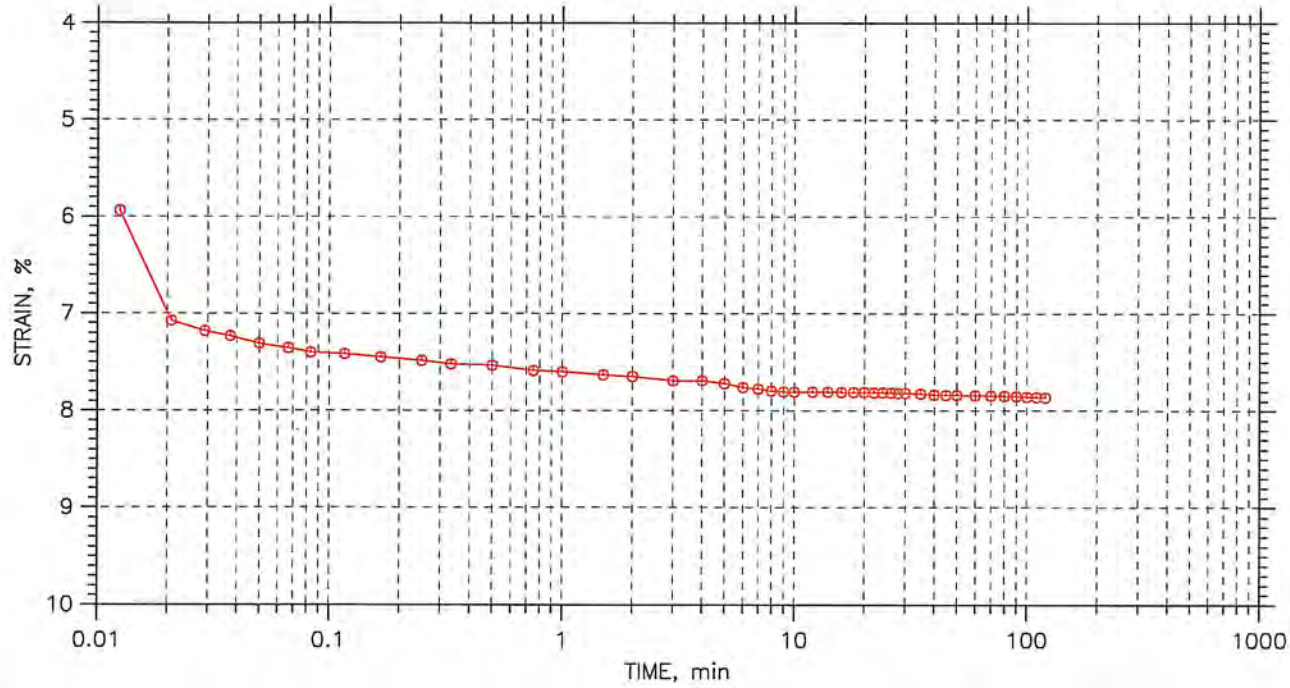
Tue, 16-DEC-2008 14:02:19

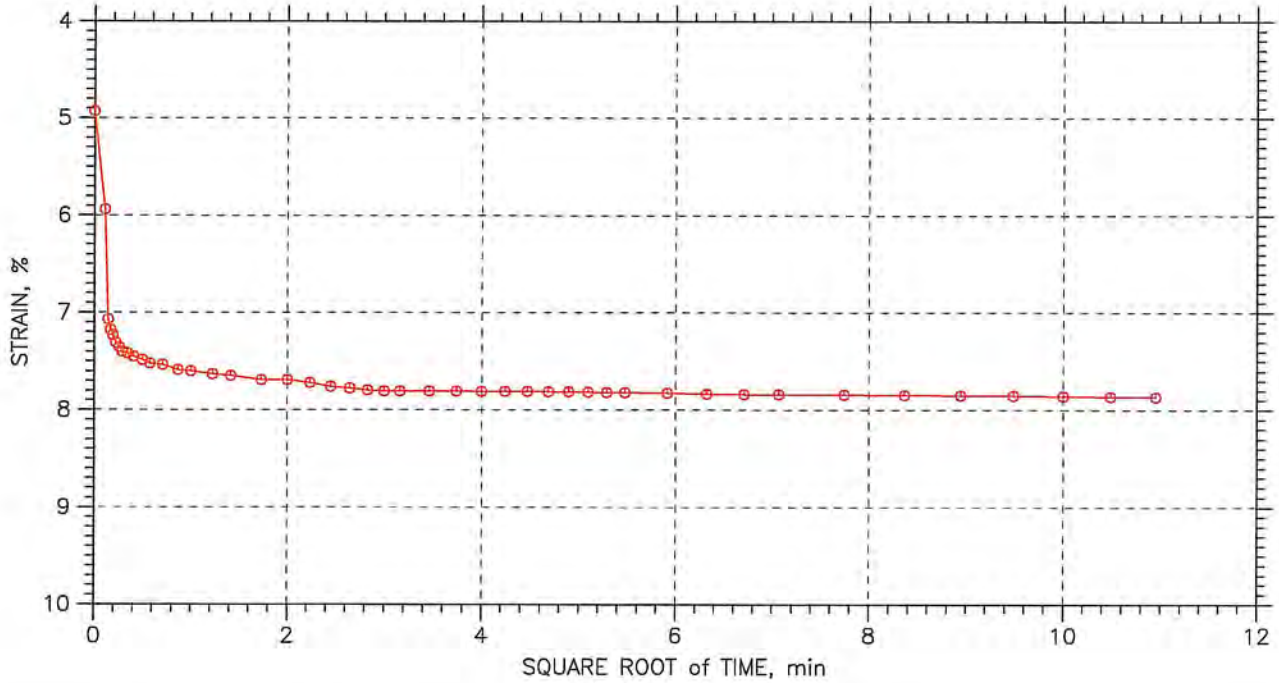
CONSOLIDATION TEST DATA

TIME CURVES

Constant Load Step: 12 of 12

Stress: 12800 psf





GeoTesting express a subsidiary of Geocomp Corporation	Project: EPA Region 1	Location: ---	Project No.: GTX-8696
	Boring No.: ---	Tested By: md	Checked By: jdt
	Sample No.: D00188	Test Date: 12/05/08	Depth: ---
	Test No.: C-1	Sample Type: tube	Elevation: ---
	Description: Wet, very dark gray sandy silt		
	Remarks: System G- 0018S-D00188		

Tue, 16-DEC-2008 14:02:24

GeoTesting express

WARRANTY and LIABILITY

GeoTesting Express (GTX) warrants that all tests it performs are run in general accordance with the specified test procedures and accepted industry practice. GTX will correct or repeat any test that does not comply with this warranty. GTX has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

GTX may report engineering parameters that require us to interpret the test data. Such parameters are determined using accepted engineering procedures. However, GTX does not warrant that these parameters accurately reflect the true engineering properties of the *in situ* material. Responsibility for interpretation and use of the test data and these parameters for engineering and/or construction purposes rests solely with the user and not with GTX or any of its employees.

GTX's liability will be limited to correcting or repeating a test which fails our warranty. GTX's liability for damages to the Purchaser of testing services for any cause whatsoever shall be limited to the amount GTX received for the testing services. GTX will not be liable for any damages, or for any lost benefits or other consequential damages resulting from the use of these test results, even if GTX has been advised of the possibility of such damages. GTX will not be responsible for any liability of the Purchaser to any third party.

Commonly Used Symbols

A	pore pressure parameter for $\Delta\sigma_1 - \Delta\sigma_3$
B	pore pressure parameter for $\Delta\sigma_3$
CIU	isotropically consolidated undrained triaxial shear test
CR	compression ratio for one dimensional consolidation
C_c	coefficient of curvature, $(D_{30})^2 / (D_{10} \times D_{60})$
C_u	coefficient of uniformity, D_{60}/D_{10}
C_c	compression index for one dimensional consolidation
C_α	coefficient of secondary compression
c_v	coefficient of consolidation
c	cohesion intercept for total stresses
c'	cohesion intercept for effective stresses
D	diameter of specimen
D_{10}	diameter at which 10% of soil is finer
D_{15}	diameter at which 15% of soil is finer
D_{30}	diameter at which 30% of soil is finer
D_{50}	diameter at which 50% of soil is finer
D_{60}	diameter at which 60% of soil is finer
D_{85}	diameter at which 85% of soil is finer
d_{50}	displacement for 50% consolidation
d_{90}	displacement for 90% consolidation
d_{100}	displacement for 100% consolidation
E	Young's modulus
e	void ratio
e_c	void ratio after consolidation
e_o	initial void ratio
G	shear modulus
G_s	specific gravity of soil particles
H	height of specimen
PI	plasticity index
i	gradient
K_o	lateral stress ratio for one dimensional strain
k	permeability
LI	Liquidity Index
m_v	coefficient of volume change
n	porosity
PI	plasticity index
P_c	preconsolidation pressure
p	$(\sigma_1 + \sigma_3) / 2$, $(\sigma_v + \sigma_h) / 2$
p'	$(\sigma'_1 + \sigma'_3) / 2$, $(\sigma'_v + \sigma'_h) / 2$
p'_c	p' at consolidation
Q	quantity of flow
q	$(\sigma_1 - \sigma_3) / 2$
q_f	q at failure
q_o, q_i	initial q
q_c	q at consolidation
S	degree of saturation
SL	shrinkage limit
s_u	undrained shear strength
T	time factor for consolidation
T	temperature
t	time
U, UC	unconfined compression test
UU, Q	unconsolidated undrained triaxial test
u_a	pore gas pressure
u_e	excess pore water pressure
u, u_w	pore water pressure
V	total volume
V_g	volume of gas
V_s	volume of solids
V_v	volume of voids
V_w	volume of water
V_o	initial volume
v	velocity
W	total weight
W_s	weight of solids
W_w	weight of water
w	water content
w_c	water content at consolidation
w_f	final water content
w_l	liquid limit
w_n	natural water content
w_p	plastic limit
w_s	shrinkage limit
w_o, w_i	initial water content
α	slope of q_f versus p_f
α'	slope of q_f versus p_f'
γ_t	total unit weight
γ_d	dry unit weight
γ_s	unit weight of solids
γ_w	unit weight of water
ε	strain
ε_{vol}	volume strain
ε_h, ε_v	horizontal strain, vertical strain
μ	Poisson's ratio, also viscosity
σ	normal stress
σ'	effective normal stress
σ_c, σ'_c	consolidation stress in isotropic stress system
σ_h, σ'_h	horizontal normal stress
σ_v, σ'_v	vertical normal stress
σ_1	major principal stress
σ_2	intermediate principal stress
σ_3	minor principal stress
τ	shear stress
φ	friction angle based on total stresses
φ'	friction angle based on effective stresses
φ'_r	residual friction angle
φ_{ult}	φ for ultimate strength

APPENDIX G

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	MW3		MW3		MW3		MW3		MW3		MW3	
			Sample ID	GW-060904-DK-001		80018-GW-DUP108-1208		80018-GW-MW3S-1208		80018-GW-MW3S-0309		80018-GW-MW3S-0609			
			Risk Zone	J*		J*		J*		J*		J*			
			Top Depth												
			Bottom Depth												
			Sample Date	6/9/2004 2:45:00 PM		12/18/2008 12:00:00 PM		12/18/2008 10:45:00 AM		3/3/2009 10:50:00 AM		6/16/2009 12:20:00 PM			
			Sample Type	N		FD		N		N		N			
			Field Duplicate Parent			80018-GW-MW3S-1208									
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	20400	6500	0.5	UJ	5	U	5	U	5	U	5	U		
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	0.5	UJ	5	U	5	U	5	U	5	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	0.5	UJ	5	U	5	U	5	U	5	U		
1,1,2-Trichloroethane	79-00-5	8000	220	0.5	UJ	5	U	5	U	5	U	5	U		
1,1-Dichloroethane	75-34-3	34600	3000	0.5	UJ	5	U	5	U	5	U	5	U		
1,1-Dichloroethene	75-35-4	1	190	0.5	UJ	5	U	5	U	5	U	5	U		
1,2,3-Trichlorobenzene	87-61-6	--	--			5	U	5	U	5	U	5	U		
1,2,4-Trichlorobenzene	120-82-1	--	--	0.5	UJ	5	U	5	U	5	U	5	U		
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	0.5	UJ	5	U	5	U	5	U	5	U		
1,2-Dibromoethane	106-93-4	4	0.3	0.5	UJ	5	U	5	U	5	U	5	U		
1,2-Dichlorobenzene	95-50-1	30500	5100	0.5	UJ	5	U	5	U	5	U	5	U		
1,2-Dichloroethane	107-06-2	21	6.5	0.5	UJ	5	U	5	U	5	U	5	U		
1,2-Dichloropropane	78-87-5	14	7.4	0.5	UJ	5	UJ	5	U	5	U	5	U		
1,3-Dichlorobenzene	541-73-1	24200	4300	0.5	UJ	5	U	5	U	5	U	5	U		
1,4-Dichlorobenzene	106-46-7	50000	1400	0.5	UJ	5	U	5	U	5	U	5	U		
1,4-Dioxane	123-91-1	--	--				R		R	100	U		R		
2-Butanone	78-93-3	50000	50000	5	UJ	10	U	10	U	10	U	10	U		
2-Hexanone	591-78-6	--	--	0.5	UJ	10	U	10	U	10	U	10	U		
4-Methyl-2-Pentanone	108-10-1	50000	13000	5	UJ	10	U	10	U	10	U	10	U		
Acetone	67-64-1	50000	50000	6	UJ	10	U	10	U	10	U	10	U		
Benzene	71-43-2	215	130	0.5	UJ	5	U	5	U	5	U	5	U		
Bromochloromethane	74-97-5	--	--			5	U	5	U	5	U	5	U		
Bromodichloromethane	75-27-4	--	2.3	0.5	UJ	5	UJ	5	U	5	U	5	U		
Bromoform	75-25-2	920	75	0.5	UJ	5	U	5	U	5	U	5	U		
Bromomethane	74-83-9	--	--	0.5	UJ	5	U	5	U	5	U	5	U		
Carbon Disulfide	75-15-0	--	--	0.5	UJ	5	U	5	U	5	U	5	U		
Carbon Tetrachloride	56-23-5	16	5.3	0.5	UJ	5	U	5	U	5	U	5	U		
Chlorobenzene	108-90-7	1800	1800	0.5	UJ	5	U	5	U	5	U	5	U		
Chloroethane	75-00-3	--	12000	0.5	UJ	5	U	5	U	5	U	5	U		
Chloroform	67-66-3	287	26	0.5	UJ	5	U	5	U	5	U	5	U		
Chloromethane	74-87-3	--	390	0.5	UJ	5	U	5	U	5	U	5	U		
Cis-1,2-Dichloroethene	156-59-2	--	830	0.2	J	5	U	5	U	5	U	5	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	0.5	UJ	5	U	5	U	5	U	5	U		
Cyclohexane	110-82-7	--	--			5	UJ	5	U	5	U	5	U		
Dibromochloromethane	124-48-1	--	--	0.5	UJ	5	U	5	U	5	U	5	U		
Dichlorodifluoromethane	75-71-8	--	93	0.5	UJ	5	U	5	U	5	U	5	U		
Ethylbenzene	100-41-4	50000	2700	0.5	UJ	5	U	5	U	5	U	5	U		
Isopropylbenzene	98-82-8	--	2800	0.3	J	5	U	5	U	5	U	5	U		
M,P-Xylene	179601-23-1	--	--			5	U	5	U	5	U	5	U		

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	MW3		MW3		MW3		MW3		MW3		MW3	
			Sample ID	GW-060904-DK-001		80018-GW-DUP108-1208		80018-GW-MW3S-1208		80018-GW-MW3S-0309		80018-GW-MW3S-0609			
			Risk Zone	J*		J*		J*		J*		J*			
			Top Depth												
			Bottom Depth												
			Sample Date	6/9/2004 2:45:00 PM		12/18/2008 12:00:00 PM		12/18/2008 10:45:00 AM		3/3/2009 10:50:00 AM		6/16/2009 12:20:00 PM			
			Sample Type	N		FD		N		N		N			
			Field Duplicate Parent			80018-GW-MW3S-1208									
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--			5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	6	J	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--			5	UJ	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	0.5	UJ	5	U	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--			5	U	5	U	5	U	5	U		
Styrene	100-42-5	580	3100	0.5	UJ	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	0.5	UJ	5	U	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	0.5	UJ	5	U	5	U	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	0.5	UJ	5	U	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	0.5	UJ	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	0.5	UJ	5	U	5	U	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	0.5	UJ	5	U	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	1	J	5	U	5	U	0.5	J	5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	MW3		MW3		MW3		MW3		MW3	
			Sample ID	80018-GW-MW3S-0909		80018-GW-MW3S-1209		80018-GW-MW3S-0310		80018-GW-MW3S-0610		80018-GW-MW3S-1010	
			Risk Zone	J*		J*		J*		J*		J*	
			Top Depth										
			Bottom Depth										
			Sample Date	9/1/2009 2:15:00 PM		12/2/2009 10:30:00 AM		3/9/2010 4:55:00 PM		6/24/2010 12:50:00 PM		10/7/2010 9:50:00 AM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U		R
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R	100	U		R		R	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	14	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	UJ	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	0.31	J	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	0.12	J	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	MW3		MW3		MW3		MW3		MW3		MW3	
			Sample ID	80018-GW-MW3S-0909		80018-GW-MW3S-1209		80018-GW-MW3S-0310		80018-GW-MW3S-0610		80018-GW-MW3S-1010			
			Risk Zone	J*		J*		J*		J*		J*			
			Top Depth												
			Bottom Depth												
			Sample Date	9/1/2009 2:15:00 PM		12/2/2009 10:30:00 AM		3/9/2010 4:55:00 PM		6/24/2010 12:50:00 PM		10/7/2010 9:50:00 AM			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	0.83	J	5	U	5	U	5	UJ	5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	MW3B		MW3B		MW3B		MW3B		MW3B		MW3B	
			Sample ID	80018-GW-MW3B-1208		80018-GW-MW3B-0309		80018-GW-MW3B-0609		80018-GW-MW3B-0909		80018-GW-MW3B-1209	
			Risk Zone	J*		J*		J*		J*		J*	
			Top Depth										
			Bottom Depth										
			Sample Date	12/18/2008 3:25:00 PM		3/3/2009 3:05:00 PM		6/16/2009 2:20:00 PM		9/1/2009 12:30:00 PM		12/2/2009 4:20:00 PM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R	100	U		R		R	100	U		
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U	5	UJ
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	6		5.4		3.6	J	5.3		5	U		
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	MW3B		MW3B		MW3B		MW3B		MW3B		MW3B	
			Sample ID	80018-GW-MW3B-1208		80018-GW-MW3B-0309		80018-GW-MW3B-0609		80018-GW-MW3B-0909		80018-GW-MW3B-1209	
			Risk Zone	J*		J*		J*		J*		J*	
			Top Depth										
			Bottom Depth										
			Sample Date	12/18/2008 3:25:00 PM		3/3/2009 3:05:00 PM		6/16/2009 2:20:00 PM		9/1/2009 12:30:00 PM		12/2/2009 4:20:00 PM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	MW3B		MW3B		MW3B		MW3D		MW3D	
			Sample ID	80018-GW-MW3B-0310		80018-GW-MW3B-0610		80018-GW-MW3B-1010		GW-061004-DK-004		80018-GW-MW3D-1208	
			Risk Zone	J*		J*		J*		J*		J*	
			Top Depth										
			Bottom Depth										
			Sample Date	3/9/2010 3:00:00 PM		6/25/2010 10:30:00 AM		10/7/2010 4:05:00 PM		6/10/2004 7:30:00 PM		12/21/2008 10:25:00 AM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	0.1	J	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	0.5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	0.5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	0.5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	0.5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	0.5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U			5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	0.5	UJ	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U		R	0.5	UJ	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	0.5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	0.5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	0.5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	0.5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	0.5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	0.5	U	5	U
1,4-Dioxane	123-91-1	--	--		R		R	100	U				R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	5	UJ	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	0.5	UJ	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	5	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	5	UJ	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	0.5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U			5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	0.5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	0.5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	0.5	UJ	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	0.5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	0.5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	0.5	UJ	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	0.5	U	5	U
Chloroform	67-66-3	287	26	6	U	5	U	5	U	3		3.8	J
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	0.5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	0.5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	0.5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U			5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	0.5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	0.5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	0.5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	0.5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U			5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	MW3B		MW3B		MW3B		MW3D		MW3D			
			Sample ID	80018-GW-MW3B-0310		80018-GW-MW3B-0610		80018-GW-MW3B-1010		GW-061004-DK-004		80018-GW-MW3D-1208			
			Risk Zone	J*		J*		J*		J*		J*			
			Top Depth												
			Bottom Depth												
			Sample Date	3/9/2010 3:00:00 PM		6/25/2010 10:30:00 AM		10/7/2010 4:05:00 PM		6/10/2004 7:30:00 PM		12/21/2008 10:25:00 AM			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U			5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	0.2	J	5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U			5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	0.5	UJ	5	U		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U			5	U		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	0.5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	0.5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	0.5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	0.5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	0.5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	0.5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	0.5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	0.5	U	5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	MW3D		MW3D		MW3D		MW3D		MW3D	
			Sample ID	80018-GW-MW3D-0309		80018-GW-MW3D-0609		80018-GW-MW3D-0909		80018-GW-MW3D-1209		80018-GW-MW3D-0310	
			Risk Zone	J*		J*		J*		J*		J*	
			Top Depth										
			Bottom Depth										
			Sample Date	3/4/2009 9:25:00 AM		6/16/2009 9:00:00 AM		8/31/2009 10:15:00 AM		12/2/2009 12:50:00 PM		3/9/2010 10:25:00 AM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U		R		R	100	U		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	UJ	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	3.7	J	2.7	J	3.6	J	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	MW3D		MW3D		MW3D		MW3D		MW3D		MW3D	
			Sample ID	80018-GW-MW3D-0309		80018-GW-MW3D-0609		80018-GW-MW3D-0909		80018-GW-MW3D-1209		80018-GW-MW3D-0310	
			Risk Zone	J*		J*		J*		J*		J*	
			Top Depth										
			Bottom Depth										
			Sample Date	3/4/2009 9:25:00 AM		6/16/2009 9:00:00 AM		8/31/2009 10:15:00 AM		12/2/2009 12:50:00 PM		3/9/2010 10:25:00 AM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Sample Location	MW3D		MW3D		MW3D		P12		P12		P15			
			Sample ID	80018-GW-MW3D-0610		80018-GW-DUP02-1010		80018-GW-MW3D-1010		80018-P12-1112-01		80018-P12-1617-02		80018-P15-1213-01			
			Risk Zone	J*		J*		J*		J*		J*		J*			
			Top Depth							11		16		12			
			Bottom Depth							12		17		13			
			Sample Date	6/24/2010 10:05:00 AM		10/7/2010 12:25:00 PM		10/7/2010 12:20:00 PM		11/8/2010 1:20:00 PM		11/8/2010 1:40:00 PM		11/10/2010 9:30:00 AM			
			Sample Type	N		FD		N		N		N		N			
			Field Duplicate Parent			80018-GW-MW3D-1010											
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U	5	U		
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U	5	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U	5	U		
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U	5	U		
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U	5	U		
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	UJ	5	UJ	0.87	JB	5	U	5	U		
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U		R		R	5	U	5	U	5	U		
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U	5	U		
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U	5	U		
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U	5	U		
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U	5	U		
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U	5	U		
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U	0.18	J		
1,4-Dioxane	123-91-1	--	--		R	100	U	100	U	100	U	100	U	100	U		
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U	10	U		
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U	10	U		
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U	10	U		
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	4.4	J	7.1	J	6.3	J		
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U	5	U		
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U	5	U		
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U	5	U		
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	1.5	J	0.65	J	2.2	J		
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U	5	U		
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U	5	U		
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U	5	U		
Chloroform	67-66-3	287	26	2.3	J	5	U	5	U	5	U	5	U	5	U		
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	4.9	J	5	U		
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U	5	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U	5	U		
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U	0.12	J		
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U	5	U		
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	0.13	J	5	U	0.5	J		

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Sample Location	MW3D		MW3D		MW3D		P12		P12		P15			
			Sample ID	80018-GW-MW3D-0610		80018-GW-DUP02-1010		80018-GW-MW3D-1010		80018-P12-1112-01		80018-P12-1617-02		80018-P15-1213-01			
			Risk Zone	J*		J*		J*		J*		J*		J*			
			Top Depth							11		16		12			
			Bottom Depth							12		17		13			
			Sample Date	6/24/2010 10:05:00 AM		10/7/2010 12:25:00 PM		10/7/2010 12:20:00 PM		11/8/2010 1:20:00 PM		11/8/2010 1:40:00 PM		11/10/2010 9:30:00 AM			
			Sample Type	N		FD		N		N		N		N			
			Field Duplicate Parent			80018-GW-MW3D-1010											
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	0.3	JB	0.28	JB	1.1	JB		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U	0.2	J		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	0.17	JB	0.29	JB	0.44	JB		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	5	UJ	5	U	5	U	**3.4**	J	**2.9**	J	5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	P15		P18		P18		P19		P19		P20	
			Sample ID	80018-P15-1718-02		80018-P18-1617-02		80018-P18A-1112-01		80018-P19-1213-01		80018-P19-1718-02		80018-P20-1213-01	
			Risk Zone	J*		J*		J*		J*		J*		J*	
			Top Depth	17		16		11		12		17		12	
			Bottom Depth	18		17		12		13		18		13	
			Sample Date	11/10/2010 9:55:00 AM		11/8/2010 3:25:00 PM		11/9/2010 2:50:00 PM		11/10/2010 10:10:00 AM		11/10/2010 10:30:00 AM		11/9/2010 2:20:00 PM	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U	100	U	100	U	100	U	100	U	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	9.2	J	7.6	J	6.8	J	11		7.6	J	11	
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	1.7	J	1.2	J	0.46	J	0.49	J	0.97	J	1.7	J
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	0.38	J	0.21	J	1.1	J	0.32	J	5	U	1.1	J
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	0.15	J	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	0.27	J	0.56	J	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	0.29	J	0.11	J	5	U	0.15	J	5	U	0.14	J

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	P15		P18		P18		P19		P19		P20	
			Sample ID	80018-P15-1718-02		80018-P18-1617-02		80018-P18A-1112-01		80018-P19-1213-01		80018-P19-1718-02		80018-P20-1213-01	
			Risk Zone	J*		J*		J*		J*		J*		J*	
			Top Depth	17		16		11		12		17		12	
			Bottom Depth	18		17		12		13		18		13	
			Sample Date	11/10/2010 9:55:00 AM		11/8/2010 3:25:00 PM		11/9/2010 2:50:00 PM		11/10/2010 10:10:00 AM		11/10/2010 10:30:00 AM		11/9/2010 2:20:00 PM	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	160	0.98	JB	5	U	0.2	JB	0.83	JB	0.88	JB	5	U
O-Xylene	95-47-6	--	--	0.1	J	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	23500	7100	0.25	JB	0.22	JB	0.19	JB	0.16	JB	5	U	0.27	JB
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	0.2	J	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	219	27	0.64	J	0.15	J	0.33	J	0.41	J	5	U	5	U
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	**3.1**	J	5	U	5	U	0.84	J

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	P20		P21		P21		P27		P27		P36	
			Sample ID	80018-P20-1718-02		80018-P21-1213-01		80018-P21A-1718-02		80018-P27-1213-01		80018-P27-1718-02		80018-P36-1213-01	
			Risk Zone	J*		J*		J*		J*		J*		J*	
			Top Depth	17		12		17		12		17		12	
			Bottom Depth	18		13		18		13		18		13	
			Sample Date	11/9/2010 2:00:00 PM		11/9/2010 1:15:00 PM		11/10/2010 9:00:00 AM		11/10/2010 11:50:00 AM		11/10/2010 12:15:00 PM		11/11/2010 10:00:00 AM	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U	100	U	100	U	100	U	100	U	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U	4.2	J
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	13		15		10	U	11		19		17	
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	0.57	J	4.1	J	0.59	J	0.7	J	0.73	J	1.1	J
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	0.21	J	1.2	J	5	U	0.26	J	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	0.1	J	0.18	J	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Sample Location	P20		P21		P21		P27		P27		P36			
			Sample ID	80018-P20-1718-02		80018-P21-1213-01		80018-P21A-1718-02		80018-P27-1213-01		80018-P27-1718-02		80018-P36-1213-01			
			Risk Zone	J*		J*		J*		J*		J*		J*			
			Top Depth	17		12		17		12		17		12			
			Bottom Depth	18		13		18		13		18		13			
			Sample Date	11/9/2010 2:00:00 PM		11/9/2010 1:15:00 PM		11/10/2010 9:00:00 AM		11/10/2010 11:50:00 AM		11/10/2010 12:15:00 PM		11/11/2010 10:00:00 AM			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	0.58	J	0.18	J		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	1.1	JB	1.1	JB	1.1	JB		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	0.17	JB	0.22	JB	0.18	JB	0.2	JB	0.16	JB	0.23	JB		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	0.41	J	0.32	J	0.23	J		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	1.4	J	5	U	5	U	5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.	
			Sample Location	P36		P39		P39		P40		P40		MW11D			
			Sample ID	80018-P36-1718-02		80018-P39-1213-01		80018-P39-1718-02		80018-P40-1213-01		80018-P40-1718-02		80018-GW-MW11D-1208			
			Risk Zone	J*		J*		J*		J*		J*		E1*			
			Top Depth	17		12		17		12		17					
			Bottom Depth	18		13		18		13		18					
			Sample Date	11/11/2010 10:45:00 AM		11/12/2010 12:40:00 PM		11/12/2010 1:10:00 PM		11/12/2010 11:25:00 AM		11/12/2010 11:35:00 AM		12/15/2008 1:35:00 PM			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U	100	U	100	U	100	U	100	U				R
2-Butanone	78-93-3	50000	50000	3.8	J	4.2	J	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	16		27		18		5.7	J	14		10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	3.9	J	3.6	J	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	0.45	J	0.35	J	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	0.25	J	0.1	J	5	U	0.31	J	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	0.9	J	0.36	J	5	U	0.55	J	0.13	J	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.	
			Sample Location	P36		P39		P39		P40		P40		MW11D			
			Sample ID	80018-P36-1718-02		80018-P39-1213-01		80018-P39-1718-02		80018-P40-1213-01		80018-P40-1718-02		80018-GW-MW11D-1208			
			Risk Zone	J*		J*		J*		J*		J*		E1*			
			Top Depth	17		12		17		12		17					
			Bottom Depth	18		13		18		13		18					
			Sample Date	11/11/2010 10:45:00 AM		11/12/2010 12:40:00 PM		11/12/2010 1:10:00 PM		11/12/2010 11:25:00 AM		11/12/2010 11:35:00 AM		12/15/2008 1:35:00 PM			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	0.3	J	5	U	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	160	1.1	JB	1.5	JB	1.7	JB	1.5	JB	1.2	JB	5	U	5	U
O-Xylene	95-47-6	--	--	0.55	J	0.23	J	5	U	0.76	J	5	U	5	U	5	U
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	1500	340	5	U	0.52	J	5	U	0.1	J	0.22	J	5	U	5	U
Toluene	108-88-3	23500	7100	0.65	JB	0.36	JB	0.18	JB	0.2	JB	0.14	JB	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	219	27	0.26	J	0.16	J	0.74	J	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	**2.4**	J	**3.7**	J	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW11D		MW11D		MW11D		MW11D		MW11D	
			Sample ID	80018-GW-MW11D-0309		80018-GW-DUP110-0609		80018-GW-MW11D-0609		80018-GW-MW11D-0909		80018-GW-MW11D-1209	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Top Depth										
			Bottom Depth										
			Sample Date	3/5/2009 3:50:00 PM		6/16/2009 12:05:00 PM		6/16/2009 12:25:00 PM		9/2/2009 9:46:00 AM		12/2/2009 11:10:00 AM	
			Sample Type	N		FD		N		N		N	
			Field Duplicate Parent			80018-GW-MW11D-0609							
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U		R		R		R	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	UJ
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	1.4	J	1.4	J	1.4	J	5	U
Chloromethane	74-87-3	--	390	0.83	J	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW11D		MW11D		MW11D		MW11D		MW11D		MW11D	
			Sample ID	80018-GW-MW11D-0309		80018-GW-DUP110-0609		80018-GW-MW11D-0609		80018-GW-MW11D-0909		80018-GW-MW11D-1209			
			Risk Zone	E1*		E1*		E1*		E1*		E1*			
			Top Depth												
			Bottom Depth												
			Sample Date	3/5/2009 3:50:00 PM		6/16/2009 12:05:00 PM		6/16/2009 12:25:00 PM		9/2/2009 9:46:00 AM		12/2/2009 11:10:00 AM			
			Sample Type	N		FD		N		N		N			
			Field Duplicate Parent			80018-GW-MW11D-0609									
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	5	U	5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW11D		MW11D		MW11D		MW11S		MW11S	
			Sample ID	80018-GW-MW11D-0310		80018-GW-MW11D-0610		80018-GW-MW11D-1010		80018-GW-MW11S-1208		80018-GW-MW11S-0309RS	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Top Depth										
			Bottom Depth										
			Sample Date	3/11/2010 2:05:00 PM		6/21/2010 4:35:00 PM		10/6/2010 3:15:00 PM		12/16/2008 1:20:00 PM		3/24/2009 10:35:00 AM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	UJ
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	UJ	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U		R	5	U	5	UJ
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	UJ	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R		R	100	U		R	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	27	U	10	U	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	UJ	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	UJ	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Sample Location	MW11D		MW11D		MW11D		MW11S		MW11S			
			Sample ID	80018-GW-MW11D-0310		80018-GW-MW11D-0610		80018-GW-MW11D-1010		80018-GW-MW11S-1208		80018-GW-MW11S-0309RS			
			Risk Zone	E1*		E1*		E1*		E1*		E1*			
			Top Depth												
			Bottom Depth												
			Sample Date	3/11/2010 2:05:00 PM		6/21/2010 4:35:00 PM		10/6/2010 3:15:00 PM		12/16/2008 1:20:00 PM		3/24/2009 10:35:00 AM			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	UJ	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	UJ	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	5	U	5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW11S		MW11S		MW11S		MW11S		MW11S	
			Sample ID	80018-GW-MW11S-0609		80018-GW-MW11S-0909		80018-GW-MW11S-1209		80018-GW-MW11S-0310		80018-GW-MW11S-0610	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Top Depth										
			Bottom Depth										
			Sample Date	6/16/2009 4:10:00 PM		9/1/2009 5:00:00 PM		12/2/2009 2:20:00 PM		3/11/2010 10:40:00 AM		6/23/2010 4:15:00 PM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R		R	100	U		R		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	25	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	UJ	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	0.53	J	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW11S		MW11S		MW11S		MW11S		MW11S		MW11S	
			Sample ID	80018-GW-MW11S-0609		80018-GW-MW11S-0909		80018-GW-MW11S-1209		80018-GW-MW11S-0310		80018-GW-MW11S-0610	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Top Depth										
			Bottom Depth										
			Sample Date	6/16/2009 4:10:00 PM		9/1/2009 5:00:00 PM		12/2/2009 2:20:00 PM		3/11/2010 10:40:00 AM		6/23/2010 4:15:00 PM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW11S		MW12D		MW12D		MW12D		MW12D	
			Sample ID	80018-GW-MW11S-1010		80018-GW-MW12D-1208		80018-GW-MW12D-0309		80018-GW-MW12D-0609		80018-GW-DUP01-0809	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Top Depth										
			Bottom Depth										
			Sample Date	10/7/2010 8:30:00 AM		12/17/2008 2:10:00 PM		3/6/2009 10:20:00 AM		6/15/2009 4:30:00 PM		8/31/2009 4:35:00 PM	
			Sample Type	N		N		N		N		FD	
			Field Duplicate Parent									80018-GW-MW12D-0809	
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	UJ	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	UJ	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	UJ	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	UJ	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	UJ	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	UJ	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	UJ	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	UJ	5	U	5	UJ	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--		R	5	U	5	UJ	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	UJ	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	UJ	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	UJ	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	UJ	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	UJ	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	UJ	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U		R	100	UJ		R		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	UJ	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	UJ	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	UJ	10	U	10	U
Acetone	67-64-1	50000	50000	22	U	10	U	10	UJ	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	UJ	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	UJ	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	UJ	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	UJ	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	UJ	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	UJ	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	UJ	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	UJ	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	UJ	5	U	5	U
Chloroform	67-66-3	287	26	5	U	2.9	J	3.3	J	2.3	J	3.8	J
Chloromethane	74-87-3	--	390	5	U	5	U	5	UJ	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	UJ	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	UJ	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	UJ	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	UJ	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	UJ	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	UJ	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	UJ	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	UJ	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW11S		MW12D		MW12D		MW12D		MW12D	
			Sample ID	80018-GW-MW11S-1010		80018-GW-MW12D-1208		80018-GW-MW12D-0309		80018-GW-MW12D-0609		80018-GW-DUP01-0809	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Top Depth										
			Bottom Depth										
			Sample Date	10/7/2010 8:30:00 AM		12/17/2008 2:10:00 PM		3/6/2009 10:20:00 AM		6/15/2009 4:30:00 PM		8/31/2009 4:35:00 PM	
			Sample Type	N		N		N		N		FD	
			Field Duplicate Parent									80018-GW-MW12D-0809	
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	UJ	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	1	J	1.1	J	5	U	0.96	J
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	UJ	5	U	5	U
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	UJ	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	UJ	5	U	5	U
Styrene	100-42-5	580	3100	5	U	5	U	5	UJ	5	U	5	U
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	1.1	J	1	J	1.3	J
Toluene	108-88-3	23500	7100	5	U	5	U	5	UJ	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	UJ	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	UJ	5	U	5	U
Trichloroethene	79-01-6	219	27	5	U	5	U	5	UJ	5	U	5	U
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	UJ	5	U	5	U
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	UJ	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW12D		MW12D		MW12D		MW12D		MW12D	
			Sample ID	80018-GW-MW12D-0809		80018-GW-MW12D-1209		80018-GW-MW12D-0310		80018-GW-MW12D-0610		80018-GW-MW12D-1010	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Top Depth										
			Bottom Depth										
			Sample Date	8/31/2009 4:30:00 PM		11/30/2009 4:10:00 PM		3/11/2010 4:25:00 PM		6/22/2010 10:20:00 AM		10/6/2010 3:30:00 PM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U		R
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R	100	U		R		R	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	44	U	10	U	13	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	UJ	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	3.8	J	5	U	5.7	U	4.9	J	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW12D		MW12D		MW12D		MW12D		MW12D		MW12D	
			Sample ID	80018-GW-MW12D-0809		80018-GW-MW12D-1209		80018-GW-MW12D-0310		80018-GW-MW12D-0610		80018-GW-MW12D-1010		80018-GW-MW12D-1010	
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*	
			Top Depth												
			Bottom Depth												
			Sample Date	8/31/2009 4:30:00 PM		11/30/2009 4:10:00 PM		3/11/2010 4:25:00 PM		6/22/2010 10:20:00 AM		10/6/2010 3:30:00 PM		10/6/2010 3:30:00 PM	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	0.83	J	5	U	1.4	J	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	1500	340	1.3	J	5	U	1.4	J	5	U	5	U	5	U
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	UJ	5	U	5	U
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW12S		MW12S		MW12S		MW12S		MW12S	
			Sample ID	80018-GW-MW12S-1208		80018-GW-DUP111-0309RS		80018-GW-MW12S-0309RS		80018-GW-MW12S-0609		80018-GW-MW12S-0909	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Top Depth										
			Bottom Depth										
			Sample Date	12/17/2008 11:50:00 AM		3/23/2009 1:25:00 PM		3/23/2009 1:20:00 PM		6/16/2009 8:00:00 AM		9/1/2009 8:00:00 AM	
			Sample Type	N		FD		N		N		N	
			Field Duplicate Parent			80018-GW-MW12S-0309RS							
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	UJ	5	UJ	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	UJ	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R	100	U	100	U		R		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	24	
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	30	U	37		51	J	17	U	34	
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	UJ	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	7		6.3		5.7		5.9	J	10	
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	UJ	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW12S		MW12S		MW12S		MW12S		MW12S		MW12S	
			Sample ID	80018-GW-MW12S-1208		80018-GW-DUP111-0309RS		80018-GW-MW12S-0309RS		80018-GW-MW12S-0609		80018-GW-MW12S-0909			
			Risk Zone	E1*		E1*		E1*		E1*		E1*			
			Top Depth												
			Bottom Depth												
			Sample Date	12/17/2008 11:50:00 AM		3/23/2009 1:25:00 PM		3/23/2009 1:20:00 PM		6/16/2009 8:00:00 AM		9/1/2009 8:00:00 AM			
			Sample Type	N		FD		N		N		N			
			Field Duplicate Parent			80018-GW-MW12S-0309RS									
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	2.8	J	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	5	UJ	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	1.4	J		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5.8	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	0.36	J		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	1.8	J	5	U	5	U	1.4	J	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	**3.2**	J	5	U	5	U	**4.3**	J	**6**	J		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	MW12S		MW12S		MW12S		OP1		OP9	
			Sample ID	80018-GW-MW12S-0310		80018-GW-MW12S-0610		80018-GW-MW12S-1010		80018-OP1-13-01		80018-OP9-12-01	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Top Depth										
			Bottom Depth							16		12	
			Sample Date	3/8/2010 4:40:00 PM		6/22/2010 11:25:00 AM		10/6/2010 4:05:00 PM		8/10/2010 8:45:00 AM		8/12/2010 2:45:00 PM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	0.5	U	0.5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	**3.7**	J	5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	UJ	0.5	U	0.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U		R	0.5	U	0.5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	0.5	U	0.5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	0.5	U	0.5	U
1,4-Dioxane	123-91-1	--	--		R		R	100	U				
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	5	U	5	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	5	U	5	U
Acetone	67-64-1	50000	50000	10	U	15	U	20	U	5	U	5	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	0.22	J	0.5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	0.5	U	0.5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	0.5	U	0.5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	0.5	U	0.34	J
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	0.5	U	0.5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	0.5	U	0.5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	0.5	U	0.5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	0.5	U	0.5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	30		29		5	U	0.5	U	0.32	J
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	0.5	U	0.5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	0.5	U	0.5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	0.5	U	0.5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	0.96		0.5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Sample Location	MW12S		MW12S		MW12S		OP1		OP9			
			Sample ID	80018-GW-MW12S-0310		80018-GW-MW12S-0610		80018-GW-MW12S-1010		80018-OP1-13-01		80018-OP9-12-01			
			Risk Zone	E1*		E1*		E1*		E1*		E1*			
			Top Depth												
			Bottom Depth							16		12			
			Sample Date	3/8/2010 4:40:00 PM		6/22/2010 11:25:00 AM		10/6/2010 4:05:00 PM		8/10/2010 8:45:00 AM		8/12/2010 2:45:00 PM			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	0.5	U	0.5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	0.5	U	0.5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	0.5	U	0.5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	0.5	U	0.5	U		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	0.6		0.4	J		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	0.5	U	0.5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	0.5	U	0.5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	0.6		0.86			
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	0.5	U	0.5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	0.5	U	0.5	U		
Trichloroethene	79-01-6	219	27	9.8		11		5	U	0.5	U	0.5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	UJ	5	U	0.5	U	0.5	U		
Vinyl Chloride	75-01-4	2	1.6	**12**		**7.3**		5	U	**3.7**		**5.7**			

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	P1		P1		P2		P2		P3		P3	
			Sample ID	80018-P1-13-01		80018-P1-16-02		80018-P2-13-01		80018-P2-16-02		80018-P3-13-01		80018-P3-16-02	
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*	
			Top Depth												
			Bottom Depth	13		16		13		16		13		16	
			Sample Date	8/10/2010 8:34:00 PM		8/10/2010 3:45:00 PM		8/10/2010 1:50:00 PM		8/10/2010 2:20:00 PM		8/10/2010 12:00:00 PM		8/10/2010 12:25:00 PM	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	8000	220	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	34600	3000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	75-35-4	1	190	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromoethane	106-93-4	4	0.3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	0.5	U	0.5	U	0.5	U	0.24	J	0.5	U	0.5	U
1,2-Dichloroethane	107-06-2	21	6.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	14	7.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dioxane	123-91-1	--	--												
2-Butanone	78-93-3	50000	50000	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	67-64-1	50000	50000	5	U	5	U	5	U	34		5	U	5	U
Benzene	71-43-2	215	130	0.5	U	0.5	U	0.5	U	0.32	J	0.27	J	0.26	J
Bromochloromethane	74-97-5	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	75-27-4	--	2.3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	920	75	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	74-83-9	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	75-15-0	--	--	0.5	U	0.61		0.28	J	0.3	J	0.6		0.54	
Carbon Tetrachloride	56-23-5	16	5.3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	1800	1800	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	75-00-3	--	12000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	67-66-3	287	26	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane	74-87-3	--	390	0.5	U	0.5	U	0.6		0.39	J	0.5	U	0.5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	0.5	U	0.5	U	0.5	U	1.4		0.5	U	0.5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	--	--	0.5	U	0.5	U	0.5	U	0.22	J	0.5	U	0.5	U
Dibromochloromethane	124-48-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	--	93	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	100-41-4	50000	2700	0.5	U	0.5	U	0.5	U	0.5	U	0.38	J	0.5	U
Isopropylbenzene	98-82-8	--	2800	0.5	U	0.5	U	0.5	U	0.86		0.5	U	0.5	U
M,P-Xylene	179601-23-1	--	--	0.5	U	0.5	U	0.5	U	0.58		2.5		0.5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Sample Location	P1		P1		P2		P2		P3		P3			
			Sample ID	80018-P1-13-01		80018-P1-16-02		80018-P2-13-01		80018-P2-16-02		80018-P3-13-01		80018-P3-16-02			
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*			
			Top Depth														
			Bottom Depth	13		16		13		16		13		16			
			Sample Date	8/10/2010 8:34:00 PM		8/10/2010 3:45:00 PM		8/10/2010 1:50:00 PM		8/10/2010 2:20:00 PM		8/10/2010 12:00:00 PM		8/10/2010 12:25:00 PM			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U		
Methylcyclohexane	108-87-2	--	--	0.5	U	0.5	U	0.5	U	0.24	J	0.5	U	0.5	U		
Methylene Chloride	75-09-2	50000	160	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U		
O-Xylene	95-47-6	--	--	0.5	U	0.5	U	0.5	U	0.25	J	0.64		0.5	U		
Styrene	100-42-5	580	3100	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U		
Tetrachloroethene	127-18-4	1500	340	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U		
Toluene	108-88-3	23500	7100	0.5	U	0.5	U	0.5	U	0.23	J	0.27	J	0.5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U		
Trichloroethene	79-01-6	219	27	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U		
Trichlorofluoromethane	75-69-4	--	1300	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U		
Vinyl Chloride	75-01-4	2	1.6	0.5	U	0.5	U	0.5	U	**6**		0.5	U	0.5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Sample Location	P4		P4		MW6		MW6		MW6		MW6	
			Sample ID	80018-P4-21-01		80018-P4-15-02		GW-060904-BC-006		80018-GW-MW6S-1208		80018-GW-DUP109-0309		80018-GW-MW6S-0309	
			Risk Zone	E1*		E1*		F*		F*		F*		F*	
			Top Depth												
			Bottom Depth	21		15									
			Sample Date	8/9/2010 11:10:00 AM		8/10/2010 3:00:00 PM		6/9/2004 3:05:00 PM		12/17/2008 1:45:00 PM		3/4/2009 9:05:00 AM		3/4/2009 9:00:00 AM	
			Sample Type	N		N		N		N		FD		N	
			Field Duplicate Parent									80018-GW-MW6S-0309			
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	0.5	U	1.2		0.5	UJ	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	0.5	U	0.5	U			5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--								R	100	U	100	U
2-Butanone	78-93-3	50000	50000	5	U	5	U	5	UJ	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	5	U	5	U	0.5	UJ	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	5	U	5	U	5	UJ	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	5	U	5	U	12	UJ	10	U	10	U	10	U
Benzene	71-43-2	215	130	0.5	U	0.5	U	0.3	J	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	0.5	U	0.5	U			5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Bromoform	75-25-2	920	75	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	0.53		0.5	U	0.5	UJ	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Chloroform	67-66-3	287	26	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	0.5	U	0.28	J	0.5	UJ	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	1		35	D	0.2	J	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	0.5	U	0.5	U			5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	0.5	U	0.5	U			5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Sample Location	P4		P4		MW6		MW6		MW6		MW6		MW6	
			Sample ID	80018-P4-21-01		80018-P4-15-02		GW-060904-BC-006		80018-GW-MW6S-1208		80018-GW-DUP109-0309		80018-GW-MW6S-0309			
			Risk Zone	E1*		E1*		F*		F*		F*		F*			
			Top Depth														
			Bottom Depth	21		15											
			Sample Date	8/9/2010 11:10:00 AM		8/10/2010 3:00:00 PM		6/9/2004 3:05:00 PM		12/17/2008 1:45:00 PM		3/4/2009 9:05:00 AM		3/4/2009 9:00:00 AM			
			Sample Type	N		N		N		N		FD		N			
			Field Duplicate Parent									80018-GW-MW6S-0309					
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	0.5	U	0.5	U			5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	0.5	U	0.5	U			5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--	0.5	U	0.5	U			5	U	5	U	5	U		
Styrene	100-42-5	580	3100	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	0.5	U	0.5	U	0.2	J	5	U	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	0.5	U	0.83		0.5	UJ	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	0.81		12		0.5	UJ	5	U	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	0.5	U	0.5	U	0.5	UJ	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	0.5	U	18	D	3	J	5	U	0.59	J	0.59	J		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Sample Location	MW6		MW6		MW6		MW6		MW6	
			Sample ID	80018-GW-DUP109-0609		80018-GW-MW6S-0609		80018-GW-MW6S-0909		80018-GW-MW6S-1209		80018-GW-MW6S-0310	
			Risk Zone	F*		F*		F*		F*		F*	
			Top Depth										
			Bottom Depth										
			Sample Date	6/16/2009 9:35:00 AM		6/16/2009 9:30:00 AM		9/2/2009 4:32:00 PM		12/2/2009 1:05:00 PM		3/11/2010 11:15:00 AM	
			Sample Type	FD		N		N		N		N	
			Field Duplicate Parent	80018-GW-MW6S-0609									
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R		R		R	100	U		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	UJ	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.			
			Sample Location	MW6		MW6		MW6		MW6		MW6			
			Sample ID	80018-GW-DUP109-0609		80018-GW-MW6S-0609		80018-GW-MW6S-0909		80018-GW-MW6S-1209		80018-GW-MW6S-0310			
			Risk Zone	F*		F*		F*		F*		F*			
			Top Depth												
			Bottom Depth												
			Sample Date	6/16/2009 9:35:00 AM		6/16/2009 9:30:00 AM		9/2/2009 4:32:00 PM		12/2/2009 1:05:00 PM		3/11/2010 11:15:00 AM			
			Sample Type	FD		N		N		N		N			
			Field Duplicate Parent	80018-GW-MW6S-0609											
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	1.4	J	5	U	0.34	J		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Sample Location	MW6		MW6		MW6D		MW6D		MW6D	
			Sample ID	80018-GW-MW6S-0610		80018-GW-MW6S-1010		GW-060904-BC-007		80018-GW-MW6D-1208		80018-GW-MW6D-0309	
			Risk Zone	F*		F*		F*		F*		F*	
			Top Depth										
			Bottom Depth										
			Sample Date	6/22/2010 4:30:00 PM		10/5/2010 2:30:00 PM		6/9/2004 1:00:00 PM		12/18/2008 5:20:00 PM		3/3/2009 3:30:00 PM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	0.5	UJ	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	0.5	UJ	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	0.5	UJ	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	0.5	UJ	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	0.5	UJ	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	0.5	UJ	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U			5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	0.5	UJ	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U		R	0.5	UJ	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	0.5	UJ	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	0.5	UJ	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	0.5	UJ	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	0.5	UJ	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	0.5	UJ	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	0.5	UJ	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R	100	U				R	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	5	UJ	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	0.5	UJ	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	5	UJ	10	U	10	U
Acetone	67-64-1	50000	50000	24	U	10	U	5	UJ	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	0.5	UJ	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U			5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	0.5	UJ	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	0.5	UJ	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	0.5	UJ	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	0.5	UJ	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	0.5	UJ	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	0.5	UJ	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	0.5	UJ	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	2	J	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	0.5	UJ	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	0.5	UJ	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	0.5	UJ	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U			5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	0.5	UJ	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	0.5	UJ	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	0.5	UJ	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	0.5	UJ	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U			5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.			
			Sample Location	MW6		MW6		MW6D		MW6D		MW6D			
			Sample ID	80018-GW-MW6S-0610		80018-GW-MW6S-1010		GW-060904-BC-007		80018-GW-MW6D-1208		80018-GW-MW6D-0309			
			Risk Zone	F*		F*		F*		F*		F*			
			Top Depth												
			Bottom Depth												
			Sample Date	6/22/2010 4:30:00 PM		10/5/2010 2:30:00 PM		6/9/2004 1:00:00 PM		12/18/2008 5:20:00 PM		3/3/2009 3:30:00 PM			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U			5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	0.2	J	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U			5	U	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	0.5	UJ	5	U	5	U		
O-Xylene	95-47-6	--	--	5	U	5	U			5	U	5	U		
Styrene	100-42-5	580	3100	5	U	5	U	0.5	UJ	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	0.5	UJ	5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	0.5	UJ	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	0.5	UJ	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	0.5	UJ	5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	5	U	0.5	UJ	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	UJ	5	U	0.5	UJ	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	0.5	UJ	5	U	5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Sample Location	MW6D		MW6D		MW6D		MW6D		MW6D	
			Sample ID	80018-GW-MW6D-0609		80018-GW-MW6D-0909		80018-GW-DUP02-1209		80018-GW-MW6D-1209		80018-GW-DUP02-0310	
			Risk Zone	F*		F*		F*		F*		F*	
			Top Depth										
			Bottom Depth										
			Sample Date	6/16/2009 1:55:00 PM		9/2/2009 1:10:00 PM		12/2/2009 10:00:00 AM		12/2/2009 9:00:00 AM		3/11/2010 10:20:00 AM	
			Sample Type	N		N		FD		N		FD	
			Field Duplicate Parent					80018-GW-MW6D-1209				80018-GW-MW6D-0310	
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R		R	100	U	100	U		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	UJ	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	1.7	J	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Sample Location	MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
			Sample ID	80018-GW-MW6D-0609		80018-GW-MW6D-0909		80018-GW-DUP02-1209		80018-GW-MW6D-1209		80018-GW-DUP02-0310			
			Risk Zone	F*		F*		F*		F*		F*			
			Top Depth												
			Bottom Depth												
			Sample Date	6/16/2009 1:55:00 PM		9/2/2009 1:10:00 PM		12/2/2009 10:00:00 AM		12/2/2009 9:00:00 AM		3/11/2010 10:20:00 AM			
			Sample Type	N		N		FD		N		FD			
			Field Duplicate Parent					80018-GW-MW6D-1209				80018-GW-MW6D-0310			
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	5	U	5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Sample Location	MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
			Sample ID	80018-GW-MW6D-0310		80018-GW-DUP02-0610		80018-GW-MW6D-0610		80018-GW-DUP01-1010		80018-GW-MW6D-1010			
			Risk Zone	F*		F*		F*		F*		F*			
			Top Depth												
			Bottom Depth												
			Sample Date	3/11/2010 10:15:00 AM		6/22/2010 11:10:00 AM		6/22/2010 11:00:00 AM		10/5/2010 10:00:00 AM		10/5/2010 9:55:00 AM			
			Sample Type	N		FD		N		FD		N			
			Field Duplicate Parent			80018-GW-MW6D-0610				80018-GW-MW6D-1010					
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U		
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U		
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U		
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U		
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U		
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U		
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U		
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U		R		R		
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U		
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U		
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U		
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U		
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U		
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U		
1,4-Dioxane	123-91-1	--	--		R		R		R	100	U	100	U		
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U		
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U		
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U		
Acetone	67-64-1	50000	50000	10	U	16	U	20	U	10	U	10	U		
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U		
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U		
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U		
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U		
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U		
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U		
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U		
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U		
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U		
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U		
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U		
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U		
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U		
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U		
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U		
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U		
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U		
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U		

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Sample Location	MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
			Sample ID	80018-GW-MW6D-0310		80018-GW-DUP02-0610		80018-GW-MW6D-0610		80018-GW-DUP01-1010		80018-GW-MW6D-1010			
			Risk Zone	F*		F*		F*		F*		F*			
			Top Depth												
			Bottom Depth												
			Sample Date	3/11/2010 10:15:00 AM		6/22/2010 11:10:00 AM		6/22/2010 11:00:00 AM		10/5/2010 10:00:00 AM		10/5/2010 9:55:00 AM			
			Sample Type	N		FD		N		FD		N			
			Field Duplicate Parent			80018-GW-MW6D-0610				80018-GW-MW6D-1010					
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	UJ	5	UJ	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	5	U	5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
			Sample Location	P10		P9		MW9D		MW9D		MW9D		MW9D	
			Sample ID	80018-P10-11-01		80018-P9-11-01		80018-GW-MW9D-1208		80018-GW-MW9D-0309		80018-GW-MW9D-0609		80018-GW-MW9D-0909	
			Risk Zone	F*		F*		D1*		D1*		D1*		D1*	
			Top Depth												
			Bottom Depth	11		11									
			Sample Date	8/12/2010 9:10:00 AM		8/12/2010 10:35:00 AM		12/15/2008 12:10:00 PM		3/5/2009 2:10:00 PM		6/17/2009 9:10:00 AM		9/2/2009 12:05:00 PM	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	0.5	U	0.5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--						R	100	U		R		R
2-Butanone	78-93-3	50000	50000	5	U	5	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	5	U	5	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	5	U	5	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	5	U	5	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	215	130	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	0.5	U	0.5	U	18		19		17			
Cis-1,3-Dichloropropene	10061-01-5	--	--	0.5	U	0.5	U	5	U	2.5	J	5	U	5	U
Cyclohexane	110-82-7	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	0.5	U	0.5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	0.5	U	0.5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
			Sample Location	P10		P9		MW9D		MW9D		MW9D		MW9D		MW9D	
			Sample ID	80018-P10-11-01		80018-P9-11-01		80018-GW-MW9D-1208		80018-GW-MW9D-0309		80018-GW-MW9D-0609		80018-GW-MW9D-0909			
			Risk Zone	F*		F*		D1*		D1*		D1*		D1*			
			Top Depth														
			Bottom Depth	11		11											
			Sample Date	8/12/2010 9:10:00 AM		8/12/2010 10:35:00 AM		12/15/2008 12:10:00 PM		3/5/2009 2:10:00 PM		6/17/2009 9:10:00 AM		9/2/2009 12:05:00 PM			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	0.5	U	0.5	U	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	0.5	U	0.5	U	5	U	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U		
Styrene	100-42-5	580	3100	0.5	U	0.5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	0.5	U	0.5	U	1.6	J	1.8	J	1.2	J	1.4	J		
Toluene	108-88-3	23500	7100	0.5	U	0.5	U	5	U	5	U	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	0.5	U	0.5	U	5	U	5	U	5	U	0.51	J		
Trans-1,3-Dichloropropene	10061-02-6	--	--	0.5	U	0.5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	0.5	U	0.5	U	2.8	J	2.7	J	2.2	J	2.2	J		
Trichlorofluoromethane	75-69-4	--	1300	0.5	U	0.5	U	5	U	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	0.5	U	1.1		**11**		**8.4**		**8.1**		**17**			

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
			Sample Location	MW9D		MW9D		MW9D		MW9D		MW9S	
			Sample ID	80018-GW-MW9D-1209		80018-GW-MW9D-0310		80018-GW-MW9D-0610		80018-GW-MW9D-1010		80018-GW-MW9S-1208	
			Risk Zone	D1*		D1*		D1*		D1*		D1*	
			Top Depth										
			Bottom Depth										
			Sample Date	12/3/2009 9:05:00 AM		3/10/2010 12:45:00 PM		6/23/2010 2:55:00 PM		10/5/2010 3:10:00 PM		12/15/2008 3:35:00 PM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U		R	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U		R		R	100	U		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	40	U	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	0.48	J	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	11		21		18		18		5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
			Sample Location	MW9D		MW9D		MW9D		MW9D		MW9S			
			Sample ID	80018-GW-MW9D-1209		80018-GW-MW9D-0310		80018-GW-MW9D-0610		80018-GW-MW9D-1010		80018-GW-MW9S-1208			
			Risk Zone	D1*		D1*		D1*		D1*		D1*			
			Top Depth												
			Bottom Depth												
			Sample Date	12/3/2009 9:05:00 AM		3/10/2010 12:45:00 PM		6/23/2010 2:55:00 PM		10/5/2010 3:10:00 PM		12/15/2008 3:35:00 PM			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U		
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U		
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U		
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U		
Tetrachloroethene	127-18-4	1500	340	5	U	1.1	J	5	U	5	U	5	U		
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U		
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U		
Trichloroethene	79-01-6	219	27	5	U	2.1	J	5	U	5	U	5	U		
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U		
Vinyl Chloride	75-01-4	2	1.6	5	U	**7.5**		**13**	J	**7.5**		5	U		

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
			Sample Location	MW9S		MW9S		MW9S		MW9S		MW9S	
			Sample ID	80018-GW-MW9S-0309RS		80018-GW-MW9S-0609		80018-GW-MW9S-0909		80018-GW-MW9S-1209		80018-GW-MW9S-0310	
			Risk Zone	D1*		D1*		D1*		D1*		D1*	
			Top Depth										
			Bottom Depth										
			Sample Date	3/23/2009 4:30:00 PM		6/17/2009 12:50:00 PM		9/2/2009 9:25:00 AM		12/3/2009 1:25:00 PM		3/11/2010 11:15:00 AM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	UJ	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	UJ	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U		R		R	100	U		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	UJ	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
			Sample Location	MW9S		MW9S		MW9S		MW9S		MW9S		MW9S		MW9S	
			Sample ID	80018-GW-MW9S-0309RS		80018-GW-MW9S-0609		80018-GW-MW9S-0909		80018-GW-MW9S-1209		80018-GW-MW9S-0310		80018-GW-MW9S-0310		80018-GW-MW9S-0310	
			Risk Zone	D1*		D1*		D1*		D1*		D1*		D1*		D1*	
			Top Depth														
			Bottom Depth														
			Sample Date	3/23/2009 4:30:00 PM		6/17/2009 12:50:00 PM		9/2/2009 9:25:00 AM		12/3/2009 1:25:00 PM		3/11/2010 11:15:00 AM		3/11/2010 11:15:00 AM		3/11/2010 11:15:00 AM	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	0.62	J	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Sample Location	MW9S		MW9S		MW7D		MW7D		MW7D	
			Sample ID	80018-GW-MW9S-0610		80018-GW-MW9S-1010		80018-GW-MW7D-1208		80018-GW-MW7D-0309		80018-GW-MW7D-0609	
			Risk Zone	D1*		D1*		F*		F*		F*	
			Top Depth										
			Bottom Depth										
			Sample Date	6/23/2010 11:25:00 AM		10/5/2010 5:25:00 PM		12/15/2008 1:45:00 PM		3/5/2009 1:15:00 PM		6/17/2009 10:20:00 AM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U		R	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R	100	U		R	100	U		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	16	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	0.81	J	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		9 Store Ave.		9 Store Ave.		9 Store Ave.					
			Sample Location	MW9S		MW9S		MW7D		MW7D		MW7D					
			Sample ID	80018-GW-MW9S-0610		80018-GW-MW9S-1010		80018-GW-MW7D-1208		80018-GW-MW7D-0309		80018-GW-MW7D-0609					
			Risk Zone	D1*		D1*		F*		F*		F*					
			Top Depth														
			Bottom Depth														
			Sample Date	6/23/2010 11:25:00 AM		10/5/2010 5:25:00 PM		12/15/2008 1:45:00 PM		3/5/2009 1:15:00 PM		6/17/2009 10:20:00 AM					
			Sample Type	N		N		N		N		N					
			Field Duplicate Parent														
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L					
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**				
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U				
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U				
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U				
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U				
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U				
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U				
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U				
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U				
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U				
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U				
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U				
Trichlorofluoromethane	75-69-4	--	1300	5	UJ	5	U	5	U	5	U	5	U				
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	5	U	5	U				

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Sample Location	MW7D		MW7D		MW7D		MW7D		MW7D		MW7D	
			Sample ID	80018-GW-MW7D-0909		80018-GW-MW7D-1209		80018-GW-MW7D-0310		80018-GW-MW7D-0610		80018-GW-MW7D-1010			
			Risk Zone	F*		F*		F*		F*		F*			
			Top Depth												
			Bottom Depth												
			Sample Date	9/1/2009 2:55:00 PM		12/1/2009 2:30:00 PM		3/10/2010 2:05:00 PM		6/24/2010 6:00:00 PM		10/5/2010 10:40:00 AM			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L			
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U	5	U	5	U		
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U	5	U	5	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U		
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U	5	U	5	U		
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U	5	U	5	U		
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U	5	U	5	U		
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U		
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U		
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U		R		
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U	5	U	5	U		
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U	5	U	5	U		
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U	5	U	5	U		
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U	5	U	5	U		
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U	5	U	5	U		
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U	5	U	5	U		
1,4-Dioxane	123-91-1	--	--		R	100	U		R		R	100	U		
2-Butanone	78-93-3	50000	50000	10	UJ	10	U	10	U	10	U	10	U		
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U		
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U	10	U	10	U		
Acetone	67-64-1	50000	50000	10	UJ	10	U	10	U	10	U	10	U		
Benzene	71-43-2	215	130	5	U	5	U	5	U	5	U	5	U		
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U		
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U	5	U	5	U		
Bromoform	75-25-2	920	75	5	U	5	U	5	U	5	U	5	U		
Bromomethane	74-83-9	--	--	5	U	5	UJ	5	U	5	U	5	U		
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U		
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U	5	U	5	U		
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U	5	U	5	U		
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U	5	U	5	U		
Chloroform	67-66-3	287	26	1.7	J	5	U	5	U	5	U	5	U		
Chloromethane	74-87-3	--	390	5	U	5	U	5	U	5	U	5	U		
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U	5	U	5	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U		
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U		
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U		
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U	5	U	5	U		
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U	5	U	5	U		
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U	5	U	5	U		
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U		

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.			
			Sample Location	MW7D		MW7D		MW7D		MW7D		MW7D					
			Sample ID	80018-GW-MW7D-0909		80018-GW-MW7D-1209		80018-GW-MW7D-0310		80018-GW-MW7D-0610		80018-GW-MW7D-1010					
			Risk Zone	F*		F*		F*		F*		F*					
			Top Depth														
			Bottom Depth														
			Sample Date	9/1/2009 2:55:00 PM		12/1/2009 2:30:00 PM		3/10/2010 2:05:00 PM		6/24/2010 6:00:00 PM		10/5/2010 10:40:00 AM					
			Sample Type	N		N		N		N		N					
			Field Duplicate Parent														
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L					
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**				
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U				
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	5	U	5	U	5	U	5	U	5	U				
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U				
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	5	U	5	U				
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U				
Styrene	100-42-5	580	3100	5	U	5	U	5	U	5	U	5	U				
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U				
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	5	U	5	U				
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	5	U	5	U				
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U				
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	5	U	5	U				
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	5	U	5	U				
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	5	U	5	U				

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Sample Location	MW7S		MW7S		MW7S		MW7S		MW7S	
			Sample ID	80018-GW-MW7S-1208		80018-GW-MW7S-0309RS		80018-GW-MW7S-0609		80018-GW-MW7S-0809		80018-GW-MW7S-1209	
			Risk Zone	F*		F*		F*		F*		F*	
			Top Depth										
			Bottom Depth										
			Sample Date	12/16/2008 10:10:00 AM		3/24/2009 12:10:00 PM		6/17/2009 1:30:00 PM		8/31/2009 3:40:00 PM		12/1/2009 11:45:00 AM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	UJ	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	UJ	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	UJ	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	UJ	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	UJ	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	UJ	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	UJ	5	UJ	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	UJ	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	UJ	5	UJ	5	U	5	U
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	UJ	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	UJ	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	UJ	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	UJ	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	UJ	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	UJ	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R	100	U		R		R	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	UJ	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	UJ	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	UJ	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	UJ	10	U	47	U
Benzene	71-43-2	215	130	5	U	5	U	5	UJ	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	UJ	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	UJ	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	UJ	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	UJ	5	U	5	UJ
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	UJ	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	UJ	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	UJ	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	UJ	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	UJ	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	UJ	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	UJ	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	UJ	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	UJ	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	UJ	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	UJ	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	UJ	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	UJ	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	UJ	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Sample Location	MW7S		MW7S		MW7S		MW7S		MW7S		MW7S	
			Sample ID	80018-GW-MW7S-1208		80018-GW-MW7S-0309RS		80018-GW-MW7S-0609		80018-GW-MW7S-0809		80018-GW-MW7S-1209	
			Risk Zone	F*		F*		F*		F*		F*	
			Top Depth										
			Bottom Depth										
			Sample Date	12/16/2008 10:10:00 AM		3/24/2009 12:10:00 PM		6/17/2009 1:30:00 PM		8/31/2009 3:40:00 PM		12/1/2009 11:45:00 AM	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	UJ	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	0.93	J	5	U	5	UJ	0.41	J	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	UJ	5	U	5	U
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	UJ	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	UJ	5	U	5	U
Styrene	100-42-5	580	3100	5	U	5	U	5	UJ	5	U	5	U
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	UJ	5	U	5	U
Toluene	108-88-3	23500	7100	5	U	5	U	5	UJ	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	UJ	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	UJ	5	U	5	U
Trichloroethene	79-01-6	219	27	5	U	5	U	5	UJ	5	U	5	U
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	UJ	5	U	5	U
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	UJ	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Sample Location	MW7S		MW7S		MW7S	
			Sample ID	80018-GW-MW7S-0310		80018-GW-MW7S-0610		80018-GW-MW7S-1010	
			Risk Zone	F*		F*		F*	
			Top Depth						
			Bottom Depth						
			Sample Date	3/10/2010 3:05:00 PM		6/24/2010 10:10:00 AM		10/5/2010 10:00:00 AM	
			Sample Type	N		N		N	
			Field Duplicate Parent						
			Unit	ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	20400	6500	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	23	1.8	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	8000	220	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	34600	3000	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	1	190	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U		R
1,2-Dibromoethane	106-93-4	4	0.3	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	30500	5100	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	21	6.5	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	14	7.4	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	24200	4300	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	1400	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R		R	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	13000	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	21	U	10	U
Benzene	71-43-2	215	130	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	2.3	5	U	5	U	5	U
Bromoform	75-25-2	920	75	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	0.43	J	5	U	5	U
Carbon Tetrachloride	56-23-5	16	5.3	5	U	5	U	5	U
Chlorobenzene	108-90-7	1800	1800	5	U	5	U	5	U
Chloroethane	75-00-3	--	12000	5	U	5	U	5	U
Chloroform	67-66-3	287	26	5	U	5	U	5	U
Chloromethane	74-87-3	--	390	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	830	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	93	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	2700	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	2800	5	U	5	U	5	U
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		
			Sample Location	MW7S		MW7S		MW7S		
			Sample ID	80018-GW-MW7S-0310		80018-GW-MW7S-0610		80018-GW-MW7S-1010		
			Risk Zone	F*		F*		F*		
			Top Depth							
			Bottom Depth							
			Sample Date	3/10/2010 3:05:00 PM		6/24/2010 10:10:00 AM		10/5/2010 10:00:00 AM		
			Sample Type	N		N		N		
			Field Duplicate Parent							
			Unit	ug/L		ug/L		ug/L		
Chemical Name	**CAS No.**	**CT Residential Vapor Protection Critiera**	**Proposed CT Residential Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	
Methyl Tert-Butyl Ether	1634-04-4	50000	21000	0.5	J	5	U	5	U	
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	
Methylene Chloride	75-09-2	50000	160	5	U	5	U	5	U	
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	
Styrene	100-42-5	580	3100	5	U	5	U	5	U	
Tetrachloroethene	127-18-4	1500	340	5	U	5	U	5	U	
Toluene	108-88-3	23500	7100	5	U	5	U	5	U	
Trans-1,2-Dichloroethene	156-60-5	--	1000	5	U	5	U	5	U	
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	
Trichloroethene	79-01-6	219	27	5	U	5	U	5	U	
Trichlorofluoromethane	75-69-4	--	1300	5	U	5	U	5	U	
Vinyl Chloride	75-01-4	2	1.6	5	U	5	U	5	U	

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of Proposed CT Residential Groundwater Vapor Criteria

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		235 Meriden Rd.	
				P6		P7		P7		P7		MW5	
				80018-P6-14-01		80018-DUP-01-01		80018-P7-14-01		80018-P7-17-02		GW-060904-BC-001	
				E2*		E2*		E2*		E2*		G*	
				14		17		14		17			
				8/11/2010 11:10:00 AM		8/11/2010 9:25:00 AM		8/11/2010 8:45:00 AM		8/11/2010 9:20:00 AM		6/9/2004 7:50:00 AM	
				N		FD		N		N		N	
						80018-P7-17-02							
				ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	0.5	U	0.5	U	0.5	U	0.5	U		R
1,1,2,2-Tetrachloroethane	79-34-5	100	54	0.5	U	0.5	U	0.5	U	0.5	U		R
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U		R
1,1,2-Trichloroethane	79-00-5	19600	2900	0.5	U	0.5	U	0.5	U	0.5	U		R
1,1-Dichloroethane	75-34-3	50000	41000	0.5	U	0.5	U	0.5	U	0.5	U		R
1,1-Dichloroethene	75-35-4	6	920	0.5	U	0.5	U	0.5	U	0.5	U		R
1,2,3-Trichlorobenzene	87-61-6	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
1,2,4-Trichlorobenzene	120-82-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U		R
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	0.5	U	0.5	U	0.5	U	0.5	U		R
1,2-Dibromoethane	106-93-4	16	11	0.5	U	0.5	U	0.5	U	0.5	U		R
1,2-Dichlorobenzene	95-50-1	50000	50000	0.5	U	0.5	U	0.5	U	0.5	U		R
1,2-Dichloroethane	107-06-2	90	68	0.5	U	0.5	U	0.5	U	0.5	U		R
1,2-Dichloropropane	78-87-5	60	58	0.5	U	0.5	U	0.5	U	0.5	U		R
1,3-Dichlorobenzene	541-73-1	50000	50000	0.5	U	0.5	U	0.5	U	0.5	U		R
1,4-Dichlorobenzene	106-46-7	50000	3400	0.5	U	0.5	U	0.5	U	0.5	U		R
1,4-Dioxane	123-91-1	--	--										
2-Butanone	78-93-3	50000	50000	5	U	5	U	5	U	5	U		R
2-Hexanone	591-78-6	--	--	5	U	5	U	5	U	5	U		R
4-Methyl-2-Pentanone	108-10-1	50000	50000	5	U	5	U	5	U	5	U		R
Acetone	67-64-1	50000	50000	5	U	5	U	5	U	5	U		R
Benzene	71-43-2	530	310	0.5	U	0.5	U	0.5	U	0.5	U		R
Bromochloromethane	74-97-5	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Bromodichloromethane	75-27-4	--	73	0.5	U	0.5	U	0.5	U	0.5	U		R
Bromoform	75-25-2	3800	2300	0.5	U	0.5	U	0.5	U	0.5	U		R
Bromomethane	74-83-9	--	--	0.5	U	0.5	U	0.5	U	0.5	U		R
Carbon Disulfide	75-15-0	--	--	0.5	U	0.5	U	0.5	U	0.5	U		R
Carbon Tetrachloride	56-23-5	40	14	0.5	U	0.5	U	0.5	U	0.5	U		R
Chlorobenzene	108-90-7	6150	23000	0.5	U	0.5	U	0.5	U	0.5	U		R
Chloroethane	75-00-3	--	29000	0.5	U	0.5	U	0.5	U	0.5	U		R
Chloroform	67-66-3	710	62	0.5	U	0.5	U	0.5	U	0.5	U		R
Chloromethane	74-87-3	--	5500	0.5	U	0.5	U	0.5	U	0.5	U		R
Cis-1,2-Dichloroethene	156-59-2	--	11000	0.5	U	0.5	U	0.5	U	0.5	U		R
Cis-1,3-Dichloropropene	10061-01-5	--	--	0.5	U	0.5	U	0.5	U	0.5	U		R
Cyclohexane	110-82-7	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Dibromochloromethane	124-48-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U		R
Dichlorodifluoromethane	75-71-8	--	1200	0.5	U	0.5	U	0.5	U	0.5	U		R
Ethylbenzene	100-41-4	50000	36000	0.5	U	0.5	U	0.5	U	0.5	U		R
Isopropylbenzene	98-82-8	--	6800	0.5	U	0.5	U	0.5	U	0.5	U		R

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		235 Meriden Rd.	
				P6		P7		P7		P7		MW5	
				80018-P6-14-01		80018-DUP-01-01		80018-P7-14-01		80018-P7-17-02		GW-060904-BC-001	
				E2*		E2*		E2*		E2*		G*	
				14		17		14		17			
				8/11/2010 11:10:00 AM		8/11/2010 9:25:00 AM		8/11/2010 8:45:00 AM		8/11/2010 9:20:00 AM		6/9/2004 7:50:00 AM	
				N		FD		N		N		N	
						80018-P7-17-02							
				ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Methyl Acetate	79-20-9	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	0.5	U	0.5	U	0.5	U	0.5	U	0.3	J
Methylcyclohexane	108-87-2	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Methylene Chloride	75-09-2	50000	2200	0.5	U	0.5	U	0.5	U	0.5	U		R
O-Xylene	95-47-6	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Styrene	100-42-5	2065	42000	0.5	U	0.5	U	0.5	U	0.5	U		R
Tetrachloroethene	127-18-4	3820	810	0.5	U	0.5	U	0.5	U	0.5	U	0.4	J
Toluene	108-88-3	50000	41000	0.5	U	0.5	U	0.5	U	0.5	U		R
Trans-1,2-Dichloroethene	156-60-5	--	13000	0.5	U	0.5	U	0.5	U	0.5	U		R
Trans-1,3-Dichloropropene	10061-02-6	--	--	0.5	U	0.5	U	0.5	U	0.5	U		R
Trichloroethene	79-01-6	540	67	0.5	U	0.5	U	0.5	U	0.5	U	0.2	J
Trichlorofluoromethane	75-69-4	--	4200	0.5	U	0.5	U	0.5	U	0.5	U		R
Vinyl Chloride	75-01-4	2	52	0.5	U	0.5	U	0.5	U	0.5	U		R

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				235 Meriden Rd. MW5 80018-GW-MW5-1208 G* 12/18/2008 3:15:00 PM N ug/L		235 Meriden Rd. MW5 80018-GW-MW5-0309RS G* 3/23/2009 3:00:00 PM N ug/L		235 Meriden Rd. MW5 80018-GW-MW5-0609 G* 6/18/2009 8:25:00 AM N ug/L		235 Meriden Rd. MW5 80018-GW-MW5-0909 G* 9/3/2009 8:45:00 AM N ug/L		235 Meriden Rd. MW5 80018-GW-MW5-1209 G* 12/1/2009 2:55:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	50000	41000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	6	920	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	UJ	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	16	11	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	90	68	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	60	58	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R	100	U		R		R	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	530	310	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	73	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	3800	2300	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	UJ
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	40	14	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	6150	23000	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	29000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	710	62	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	5500	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	1200	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	36000	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	6800	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				235 Meriden Rd. MW5 80018-GW-MW5-1208 G* 12/18/2008 3:15:00 PM N ug/L		235 Meriden Rd. MW5 80018-GW-MW5-0309RS G* 3/23/2009 3:00:00 PM N ug/L		235 Meriden Rd. MW5 80018-GW-MW5-0609 G* 6/18/2009 8:25:00 AM N ug/L		235 Meriden Rd. MW5 80018-GW-MW5-0909 G* 9/3/2009 8:45:00 AM N ug/L		235 Meriden Rd. MW5 80018-GW-MW5-1209 G* 12/1/2009 2:55:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	2200	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	2065	42000	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	3820	810	5	U	5	U	5	U	0.14	J	5	U
Toluene	108-88-3	50000	41000	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	540	67	0.97	J	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	4200	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	52	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				235 Meriden Rd. MW5 80018-GW-MW5-0310 G* 3/11/2010 2:55:00 PM N ug/L		235 Meriden Rd. MW5 80018-GW-MW5-0610 G* 6/24/2010 10:30:00 AM N ug/L		235 Meriden Rd. MW5 80018-GW-MW5-1010 G* 10/7/2010 9:35:00 AM N ug/L		41 Dunbar St. OP2 80018-OP2-11-01 H* 11 8/13/2010 10:40:00 AM N ug/L		41 Dunbar St. OP2 80018-OP2-14-02 H* 14 8/13/2010 11:10:00 AM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	U	5	U	5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	U	5	U	5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	U	5	U	5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	50000	41000	5	U	5	U	5	U	0.5	U	0.5	U
1,1-Dichloroethene	75-35-4	6	920	5	U	5	U	5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	UJ	0.5	U	0.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U		R	0.5	U	0.5	U
1,2-Dibromoethane	106-93-4	16	11	5	U	5	U	5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	U	5	U	5	U	0.5	U	0.5	U
1,2-Dichloroethane	107-06-2	90	68	5	U	5	U	5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	60	58	5	U	5	U	5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	5	U	5	U	5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	U	5	U	5	U	0.5	U	0.5	U
1,4-Dioxane	123-91-1	--	--		R		R	100	U				
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	5	U	5	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	U	10	U	10	U	5	U	5	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	5	U	5	U
Benzene	71-43-2	530	310	5	U	5	U	5	UJ	0.42	J	0.5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Bromodichloromethane	75-27-4	--	73	5	U	5	U	5	U	0.5	U	0.5	U
Bromoform	75-25-2	3800	2300	5	U	5	U	5	U	0.5	U	0.5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	0.45	J	0.5	U
Carbon Tetrachloride	56-23-5	40	14	5	U	5	U	5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	6150	23000	5	U	5	U	5	U	0.5	U	0.5	U
Chloroethane	75-00-3	--	29000	5	U	5	U	5	U	0.5	U	0.5	U
Chloroform	67-66-3	710	62	5	U	5	U	5	U	0.5	U	0.5	U
Chloromethane	74-87-3	--	5500	5	U	5	U	5	U	0.5	U	0.5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	U	5	U	5	U	0.5	U	0.5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	--	1200	5	U	5	U	5	U	0.5	U	0.5	U
Ethylbenzene	100-41-4	50000	36000	5	U	5	U	5	U	0.5	U	0.5	U
Isopropylbenzene	98-82-8	--	6800	5	U	5	U	5	U	0.5	U	0.5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		41 Dunbar St.		41 Dunbar St.	
				MW5		MW5		MW5		OP2		OP2	
				80018-GW-MW5-0310		80018-GW-MW5-0610		80018-GW-MW5-1010		80018-OP2-11-01		80018-OP2-14-02	
				G*		G*		G*		H*		H*	
										11		14	
				3/11/2010 2:55:00 PM		6/24/2010 10:30:00 AM		10/7/2010 9:35:00 AM		8/13/2010 10:40:00 AM		8/13/2010 11:10:00 AM	
				N		N		N		N		N	
				ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	U	5	U	5	U	0.5	U	0.5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Methylene Chloride	75-09-2	50000	2200	5	U	5	U	5	U	0.5	U	0.5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Styrene	100-42-5	2065	42000	5	U	5	U	5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	3820	810	5	U	5	U	5	U	0.5	U	0.5	U
Toluene	108-88-3	50000	41000	5	U	5	U	5	U	0.35	J	0.5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	U	5	U	5	U	0.5	U	0.5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	0.5	U	0.5	U
Trichloroethene	79-01-6	540	67	5	U	5	U	5	UJ	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	--	4200	5	U	5	U	5	U	0.5	U	0.5	U
Vinyl Chloride	75-01-4	2	52	5	U	5	UJ	5	U	0.5	U	0.5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				41 Dunbar St. OP4 80018-OP4-11-01 H* 11 8/13/2010 11:40:00 AM N ug/L		41 Dunbar St. OP4 80018-OP4-14-02 H* 14 8/13/2010 12:20:00 PM N ug/L		41 Dunbar St. OP6 80018-OP6-11-01 H* 11 8/12/2010 1:30:00 PM N ug/L		41 Dunbar St. OP6 80018-OP6-14-02 H* 14 8/12/2010 1:50:00 PM N ug/L		50 Store Ave. MW4 GW-061004-DK-002 I* 6/10/2004 3:00:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	50000	41000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	75-35-4	6	920	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
1,2,4-Trichlorobenzene	120-82-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
1,2-Dibromoethane	106-93-4	16	11	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	107-06-2	90	68	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	60	58	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dioxane	123-91-1	--	--										
2-Butanone	78-93-3	50000	50000	5	U	5	U	5	U	5	U	5	UJ
2-Hexanone	591-78-6	--	--	5	U	5	U	5	U	5	U	0.5	UJ
4-Methyl-2-Pentanone	108-10-1	50000	50000	5	U	5	U	5	U	5	U	5	U
Acetone	67-64-1	50000	50000	5	U	5	U	5	U	5	U	5	UJ
Benzene	71-43-2	530	310	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Bromodichloromethane	75-27-4	--	73	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	3800	2300	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	74-83-9	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Carbon Disulfide	75-15-0	--	--	0.38	J	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	56-23-5	40	14	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	6150	23000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Chloroethane	75-00-3	--	29000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	67-66-3	710	62	0.5	U	0.5	U	0.5	U	0.5	U	0.4	J
Chloromethane	74-87-3	--	5500	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Dibromochloromethane	124-48-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	--	1200	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	100-41-4	50000	36000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Isopropylbenzene	98-82-8	--	6800	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				41 Dunbar St. OP4 80018-OP4-11-01 H* 11 8/13/2010 11:40:00 AM N ug/L		41 Dunbar St. OP4 80018-OP4-14-02 H* 14 8/13/2010 12:20:00 PM N ug/L		41 Dunbar St. OP6 80018-OP6-11-01 H* 11 8/12/2010 1:30:00 PM N ug/L		41 Dunbar St. OP6 80018-OP6-14-02 H* 14 8/12/2010 1:50:00 PM N ug/L		50 Store Ave. MW4 GW-061004-DK-002 I* 6/10/2004 3:00:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Methyl Acetate	79-20-9	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylcyclohexane	108-87-2	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Methylene Chloride	75-09-2	50000	2200	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
O-Xylene	95-47-6	--	--	0.5	U	0.5	U	0.5	U	0.5	U		
Styrene	100-42-5	2065	42000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	3820	810	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	50000	41000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	79-01-6	540	67	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	--	4200	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	75-01-4	2	52	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
				MW4		MW4		MW4		MW4		MW4	
				GW-061004-DK-003		80018-GW-MW4S-1208		80018-GW-MW4S-0309		80018-GW-MW4S-0609		80018-GW-MW4S-0909	
				I*		I*		I*		I*		I*	
				6/10/2004 2:00:00 PM		12/17/2008 2:30:00 PM		3/4/2009 10:00:00 AM		6/17/2009 3:20:00 PM		9/1/2009 2:15:00 PM	
				FD		N		N		N		N	
				GW-061004-DK-002									
				ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	0.5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	0.5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	0.5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	0.5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	50000	41000	0.5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	6	920	0.5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--			5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	0.5	UJ	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	0.5	UJ	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	16	11	0.5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	0.5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	90	68	0.5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	60	58	0.5	U	5	UJ	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	0.5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	0.5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--				R	100	U		R		R
2-Butanone	78-93-3	50000	50000	5	UJ	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	0.5	UJ	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	5	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	5	UJ	10	U	10	U	10	U	10	U
Benzene	71-43-2	530	310	0.5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--			5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	73	0.5	U	5	UJ	5	U	5	U	5	U
Bromoform	75-25-2	3800	2300	0.5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	0.5	UJ	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	0.5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	40	14	0.1	J	5	U	5	U	5	U	0.18	J
Chlorobenzene	108-90-7	6150	23000	0.5	UJ	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	29000	0.5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	710	62	0.4	J	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	5500	0.5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	0.5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	0.5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--			5	UJ	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	0.5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	1200	0.5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	36000	0.5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	6800	0.5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW4 GW-061004-DK-003 I* 6/10/2004 2:00:00 PM FD GW-061004-DK-002 ug/L		50 Store Ave. MW4 80018-GW-MW4S-1208 I* 12/17/2008 2:30:00 PM N ug/L		50 Store Ave. MW4 80018-GW-MW4S-0309 I* 3/4/2009 10:00:00 AM N ug/L		50 Store Ave. MW4 80018-GW-MW4S-0609 I* 6/17/2009 3:20:00 PM N ug/L		50 Store Ave. MW4 80018-GW-MW4S-0909 I* 9/1/2009 2:15:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--			5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	--	--			5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	0.5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--			5	UJ	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	2200	0.5	UJ	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--			5	U	5	U	5	U	5	U
Styrene	100-42-5	2065	42000	0.5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	3820	810	0.5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	50000	41000	0.5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	0.5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	0.5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	540	67	0.5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	4200	0.5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	52	0.5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW4 80018-GW-MW4S-1209 I* 12/1/2009 11:55:00 AM N ug/L		50 Store Ave. MW4 80018-GW-MW4S-0310 I* 3/9/2010 2:55:00 PM N ug/L		50 Store Ave. MW4 80018-GW-MW4S-0610 I* 6/22/2010 3:45:00 PM N ug/L		50 Store Ave. MW4 80018-GW-MW4S-1010 I* 10/6/2010 9:45:00 AM N ug/L		50 Store Ave. MW4D GW-060904-BC-005 I* 6/9/2004 6:05:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	U	5	U	5	U	5	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	U	5	U	5	U	5	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	1	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	U	5	U	5	U	5	U	1	U
1,1-Dichloroethane	75-34-3	50000	41000	5	U	5	U	5	U	5	U	1	U
1,1-Dichloroethene	75-35-4	6	920	5	U	5	U	5	U	5	U	1	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U		
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U		R	1	UJ
1,2-Dibromoethane	106-93-4	16	11	5	U	5	U	5	U	5	U	1	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	U	5	U	5	U	5	U	1	U
1,2-Dichloroethane	107-06-2	90	68	5	U	5	U	5	U	5	U	1	U
1,2-Dichloropropane	78-87-5	60	58	5	U	5	U	5	U	5	U	1	U
1,3-Dichlorobenzene	541-73-1	50000	50000	5	U	5	U	5	U	5	U	1	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	U	5	U	5	U	5	U	1	U
1,4-Dioxane	123-91-1	--	--	100	U		R		R	100	U		
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	UJ
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	1	UJ
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	12	U	11	U	10	UJ
Benzene	71-43-2	530	310	5	U	5	U	5	U	5	U	1	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U		
Bromodichloromethane	75-27-4	--	73	5	U	5	U	5	U	5	U	1	U
Bromoform	75-25-2	3800	2300	5	U	5	U	5	U	5	U	1	UJ
Bromomethane	74-83-9	--	--	5	UJ	5	U	5	U	5	U	1	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	1	U
Carbon Tetrachloride	56-23-5	40	14	5	U	5	U	5	U	5	U	1	U
Chlorobenzene	108-90-7	6150	23000	5	U	5	U	5	U	5	U	1	UJ
Chloroethane	75-00-3	--	29000	5	U	5	U	5	U	5	U	1	U
Chloroform	67-66-3	710	62	5	U	5	U	5	U	5	U	32	
Chloromethane	74-87-3	--	5500	5	U	5	U	5	U	5	U	1	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	U	5	U	5	U	5	U	1	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	1	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U		
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	1	U
Dichlorodifluoromethane	75-71-8	--	1200	5	U	5	U	5	U	5	U	1	U
Ethylbenzene	100-41-4	50000	36000	5	U	5	U	5	U	5	U	1	U
Isopropylbenzene	98-82-8	--	6800	5	U	5	U	5	U	5	U	1	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW4 80018-GW-MW4S-1209 I* 12/1/2009 11:55:00 AM N ug/L		50 Store Ave. MW4 80018-GW-MW4S-0310 I* 3/9/2010 2:55:00 PM N ug/L		50 Store Ave. MW4 80018-GW-MW4S-0610 I* 6/22/2010 3:45:00 PM N ug/L		50 Store Ave. MW4 80018-GW-MW4S-1010 I* 10/6/2010 9:45:00 AM N ug/L		50 Store Ave. MW4D GW-060904-BC-005 I* 6/9/2004 6:05:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U		
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U		
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	U	5	U	5	U	5	U	1	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U		
Methylene Chloride	75-09-2	50000	2200	5	U	5	U	5	U	5	U	1	UJ
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U		
Styrene	100-42-5	2065	42000	5	U	5	U	5	U	5	U	1	U
Tetrachloroethene	127-18-4	3820	810	5	U	5	U	5	U	5	U	1	U
Toluene	108-88-3	50000	41000	5	U	5	U	5	U	5	U	1	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	U	5	U	5	U	5	U	1	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	1	U
Trichloroethene	79-01-6	540	67	5	U	5	U	5	U	5	U	1	U
Trichlorofluoromethane	75-69-4	--	4200	5	U	5	U	5	UJ	5	U	1	U
Vinyl Chloride	75-01-4	2	52	5	U	5	U	5	U	5	U	1	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW4D 80018-GW-MW4D-1208 I* 12/18/2008 11:20:00 AM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-0309 I* 3/3/2009 3:10:00 PM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-0609 I* 6/18/2009 9:25:00 AM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-0909 I* 9/3/2009 10:17:00 AM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-1209 I* 12/1/2009 10:10:00 AM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	50000	41000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	6	920	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	16	11	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	90	68	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	60	58	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R	100	U		R		R	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	530	310	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	73	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	3800	2300	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	UJ
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	40	14	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	6150	23000	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	29000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	710	62	23		21		15		24	J	16	
Chloromethane	74-87-3	--	5500	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	1200	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	36000	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	6800	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW4D 80018-GW-MW4D-1208 I* 12/18/2008 11:20:00 AM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-0309 I* 3/3/2009 3:10:00 PM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-0609 I* 6/18/2009 9:25:00 AM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-0909 I* 9/3/2009 10:17:00 AM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-1209 I* 12/1/2009 10:10:00 AM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	2200	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	2065	42000	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	3820	810	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	50000	41000	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	540	67	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	4200	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	52	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW4D 80018-GW-MW4D-0310 I* 3/9/2010 11:25:00 AM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-0610 I* 6/23/2010 10:50:00 AM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-1010 I* 10/6/2010 11:10:00 AM N ug/L		50 Store Ave. MW8D 80018-GW-DUP107-1208 I* 12/16/2008 1:35:00 PM FD 80018-GW-MW8D-1208 ug/L		50 Store Ave. MW8D 80018-GW-MW8D-1208 I* 12/16/2008 1:30:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	50000	41000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	6	920	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	UJ	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U		R	5	U	5	U
1,2-Dibromoethane	106-93-4	16	11	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	90	68	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	60	58	5	U	5	U	5	U	5	U	5	UJ
1,3-Dichlorobenzene	541-73-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--		R		R	100	U		R		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	20	U	10	U	10	U	10	U
Benzene	71-43-2	530	310	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	73	5	U	5	U	5	U	5	U	5	UJ
Bromoform	75-25-2	3800	2300	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	40	14	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	6150	23000	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	29000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	710	62	10		24		11		5.2		4.9	J
Chloromethane	74-87-3	--	5500	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	UJ
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	1200	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	36000	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	6800	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW4D 80018-GW-MW4D-0310 I* 3/9/2010 11:25:00 AM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-0610 I* 6/23/2010 10:50:00 AM N ug/L		50 Store Ave. MW4D 80018-GW-MW4D-1010 I* 10/6/2010 11:10:00 AM N ug/L		50 Store Ave. MW8D 80018-GW-DUP107-1208 I* 12/16/2008 1:35:00 PM FD 80018-GW-MW8D-1208 ug/L		50 Store Ave. MW8D 80018-GW-MW8D-1208 I* 12/16/2008 1:30:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	UJ
Methylene Chloride	75-09-2	50000	2200	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	2065	42000	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	3820	810	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	50000	41000	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	540	67	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	4200	5	U	5	UJ	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	52	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW8D 80018-GW-MW8D-0309 I* 3/6/2009 1:40:00 PM N ug/L		50 Store Ave. MW8D 80018-GW-MW8D-0609 I* 6/17/2009 10:30:00 AM N ug/L		50 Store Ave. MW8D 80018-GW-DUP02-0909 I* 9/2/2009 9:30:00 AM FD 80018-GW-MW8D-0909 ug/L		50 Store Ave. MW8D 80018-GW-MW8D-0909 I* 9/2/2009 9:05:00 AM N ug/L		50 Store Ave. MW8D 80018-GW-DUP01-1209 I* 12/1/2009 12:20:00 PM FD 80018-GW-MW8D-1209 ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	UJ	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	UJ	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	UJ	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	UJ	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	50000	41000	5	UJ	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	6	920	5	UJ	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	UJ	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	UJ	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	UJ	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	16	11	5	UJ	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	UJ	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	90	68	5	UJ	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	60	58	5	UJ	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	5	UJ	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	UJ	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	UJ		R		R		R	100	U
2-Butanone	78-93-3	50000	50000	10	UJ	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	UJ	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	UJ	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	UJ	10	U	10	U	10	U	30	U
Benzene	71-43-2	530	310	5	UJ	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	UJ	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	73	5	UJ	5	U	5	U	5	U	5	U
Bromoform	75-25-2	3800	2300	5	UJ	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	UJ	5	U	5	U	5	U	5	UJ
Carbon Disulfide	75-15-0	--	--	5	UJ	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	40	14	5	UJ	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	6150	23000	5	UJ	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	29000	5	UJ	5	U	5	U	5	U	5	U
Chloroform	67-66-3	710	62	4.9	J	5	U	4.7	J	4.7	J	5	U
Chloromethane	74-87-3	--	5500	5	UJ	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	UJ	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	UJ	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	UJ	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	UJ	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	1200	5	UJ	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	36000	5	UJ	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	6800	5	UJ	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW8D 80018-GW-MW8D-0309 I* 3/6/2009 1:40:00 PM N ug/L		50 Store Ave. MW8D 80018-GW-MW8D-0609 I* 6/17/2009 10:30:00 AM N ug/L		50 Store Ave. MW8D 80018-GW-DUP02-0909 I* 9/2/2009 9:30:00 AM FD 80018-GW-MW8D-0909 ug/L		50 Store Ave. MW8D 80018-GW-MW8D-0909 I* 9/2/2009 9:05:00 AM N ug/L		50 Store Ave. MW8D 80018-GW-DUP01-1209 I* 12/1/2009 12:20:00 PM FD 80018-GW-MW8D-1209 ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	UJ	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	--	--	5	UJ	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	UJ	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	UJ	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	2200	5	UJ	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	UJ	5	U	5	U	5	U	5	U
Styrene	100-42-5	2065	42000	5	UJ	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	3820	810	5	UJ	5	U	5	U	5	U	5	U
Toluene	108-88-3	50000	41000	5	UJ	5	U	5	U	5	U	5	UJ
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	UJ	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	UJ	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	540	67	5	UJ	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	4200	5	UJ	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	52	5	UJ	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW8D 80018-GW-MW8D-1209 I* 12/1/2009 11:55:00 AM N ug/L		50 Store Ave. MW8D 80018-GW-DUP01-0310 I* 3/9/2010 3:45:00 PM FD 80018-GW-MW8D-0310 ug/L		50 Store Ave. MW8D 80018-GW-MW8D-0310 I* 3/9/2010 3:40:00 PM N ug/L		50 Store Ave. MW8D 80018-GW-DUP01-0610 I* 6/22/2010 1:50:00 PM FD 80018-GW-MW8D-0610 ug/L		50 Store Ave. MW8D 80018-GW-MW8D-0610 I* 6/22/2010 1:45:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	50000	41000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	6	920	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	16	11	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	90	68	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	60	58	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U		R		R		R		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	35	U	10	U	10	U	11	U	10	U
Benzene	71-43-2	530	310	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	73	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	3800	2300	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	UJ	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	40	14	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	6150	23000	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	29000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	710	62	5	U	5	U	5	U	4.1	J	3.9	J
Chloromethane	74-87-3	--	5500	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	1200	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	36000	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	6800	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW8D 80018-GW-MW8D-1209 I* 12/1/2009 11:55:00 AM N ug/L		50 Store Ave. MW8D 80018-GW-DUP01-0310 I* 3/9/2010 3:45:00 PM FD 80018-GW-MW8D-0310 ug/L		50 Store Ave. MW8D 80018-GW-MW8D-0310 I* 3/9/2010 3:40:00 PM N ug/L		50 Store Ave. MW8D 80018-GW-DUP01-0610 I* 6/22/2010 1:50:00 PM FD 80018-GW-MW8D-0610 ug/L		50 Store Ave. MW8D 80018-GW-MW8D-0610 I* 6/22/2010 1:45:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	2200	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	2065	42000	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	3820	810	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	50000	41000	5	UJ	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	540	67	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	4200	5	U	5	U	5	U	5	UJ	5	UJ
Vinyl Chloride	75-01-4	2	52	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW8D 80018-GW-MW8D-1010 I* 10/4/2010 5:30:00 PM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-1208 I* 12/17/2008 10:20:00 AM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-0309RS I* 3/23/2009 12:05:00 PM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-0609 I* 6/17/2009 8:20:00 AM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-0909 I* 9/2/2009 12:35:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	50000	41000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	6	920	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--		R	5	U	5	UJ	5	U	5	U
1,2-Dibromoethane	106-93-4	16	11	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	90	68	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	60	58	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U		R	100	U		R		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	530	310	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	73	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	3800	2300	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	40	14	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	6150	23000	5	U	5	U	2.7	J	5	U	5	U
Chloroethane	75-00-3	--	29000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	710	62	5	U	5	U	5	U	5	U	1.7	J
Chloromethane	74-87-3	--	5500	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	1200	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	36000	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	6800	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW8D 80018-GW-MW8D-1010 I* 10/4/2010 5:30:00 PM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-1208 I* 12/17/2008 10:20:00 AM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-0309RS I* 3/23/2009 12:05:00 PM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-0609 I* 6/17/2009 8:20:00 AM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-0909 I* 9/2/2009 12:35:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	2200	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	2065	42000	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	3820	810	5	U	5	U	5	U	5	U	0.46	J
Toluene	108-88-3	50000	41000	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	540	67	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	4200	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	52	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW8S 80018-GW-MW8S-1209 I* 12/1/2009 8:55:00 AM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-0310 I* 3/9/2010 11:40:00 AM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-0610 I* 6/22/2010 4:20:00 PM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-1010 I* 10/4/2010 6:04:00 PM N ug/L		87 Store Ave. MW10 80018-GW-MW10-1208 H* 12/16/2008 2:55:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	50000	41000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	6	920	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U		R	5	U
1,2-Dibromoethane	106-93-4	16	11	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	90	68	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	60	58	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U		R		R	100	U		R
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	43	U	10	U	32	U	10	U	10	U
Benzene	71-43-2	530	310	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	73	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	3800	2300	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	UJ	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	40	14	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	6150	23000	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	29000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	710	62	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	5500	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	1200	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	36000	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	6800	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				50 Store Ave. MW8S 80018-GW-MW8S-1209 I* 12/1/2009 8:55:00 AM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-0310 I* 3/9/2010 11:40:00 AM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-0610 I* 6/22/2010 4:20:00 PM N ug/L		50 Store Ave. MW8S 80018-GW-MW8S-1010 I* 10/4/2010 6:04:00 PM N ug/L		87 Store Ave. MW10 80018-GW-MW10-1208 H* 12/16/2008 2:55:00 PM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	2200	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	2065	42000	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	3820	810	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	50000	41000	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	540	67	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	4200	5	U	5	U	5	UJ	5	U	5	U
Vinyl Chloride	75-01-4	2	52	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				87 Store Ave. MW10 80018-GW-DUP110-0309 H* 3/4/2009 2:05:00 PM FD 80018-GW-MW10-0309 ug/L		87 Store Ave. MW10 80018-GW-MW10-0309 H* 3/4/2009 2:00:00 PM N ug/L		87 Store Ave. MW10 80018-GW-MW10-0609 H* 6/15/2009 5:40:00 PM N ug/L		87 Store Ave. MW10 80018-GW-MW10-0909 H* 9/2/2009 3:40:00 PM N ug/L		87 Store Ave. MW10 80018-GW-MW10-1209 H* 12/3/2009 10:15:00 AM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	50000	41000	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	6	920	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	16	11	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	90	68	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	60	58	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	--	--	100	U	100	U		R		R	100	U
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	50000	50000	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	530	310	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	--	73	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	3800	2300	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	5	U	5	UJ
Carbon Disulfide	75-15-0	--	--	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	40	14	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	6150	23000	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	--	29000	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	710	62	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	--	5500	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	--	1200	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	50000	36000	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	--	6800	5	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				87 Store Ave. MW10 80018-GW-DUP110-0309 H* 3/4/2009 2:05:00 PM FD 80018-GW-MW10-0309 ug/L		87 Store Ave. MW10 80018-GW-MW10-0309 H* 3/4/2009 2:00:00 PM N ug/L		87 Store Ave. MW10 80018-GW-MW10-0609 H* 6/15/2009 5:40:00 PM N ug/L		87 Store Ave. MW10 80018-GW-MW10-0909 H* 9/2/2009 3:40:00 PM N ug/L		87 Store Ave. MW10 80018-GW-MW10-1209 H* 12/3/2009 10:15:00 AM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	50000	2200	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	2065	42000	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	3820	810	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	50000	41000	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	540	67	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	--	4200	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	2	52	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				87 Store Ave. MW10 80018-GW-MW10-0310 H* 3/12/2010 9:20:00 AM N ug/L		87 Store Ave. MW10 80018-GW-MW10-0610 H* 6/23/2010 1:50:00 PM N ug/L		87 Store Ave. MW10 80018-GW-MW10-1010 H* 10/7/2010 11:10:00 AM N ug/L		87 Store Ave. OP3 80018-OP3-15-01 H* 15 8/13/2010 9:00:00 AM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	50000	16000	5	U	5	U	5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	100	54	5	U	5	U	5	U	0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5	U	5	U	5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	19600	2900	5	U	5	U	5	U	0.5	U
1,1-Dichloroethane	75-34-3	50000	41000	5	U	5	U	5	U	0.5	U
1,1-Dichloroethene	75-35-4	6	920	5	U	5	U	5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U	5	U	5	U	0.5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	5	U	5	U	5	UJ	0.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	5	U		R	0.5	U
1,2-Dibromoethane	106-93-4	16	11	5	U	5	U	5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	50000	50000	5	U	5	U	5	U	0.5	U
1,2-Dichloroethane	107-06-2	90	68	5	U	5	U	5	U	0.5	U
1,2-Dichloropropane	78-87-5	60	58	5	U	5	U	5	U	0.5	U
1,3-Dichlorobenzene	541-73-1	50000	50000	5	U	5	U	5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	50000	3400	5	U	5	U	5	U	0.5	U
1,4-Dioxane	123-91-1	--	--		R		R	100	U		
2-Butanone	78-93-3	50000	50000	10	U	10	U	10	U	5	U
2-Hexanone	591-78-6	--	--	10	U	10	U	10	U	5	U
4-Methyl-2-Pentanone	108-10-1	50000	50000	10	U	10	U	10	U	5	U
Acetone	67-64-1	50000	50000	10	U	16	U	10	U	5	U
Benzene	71-43-2	530	310	5	U	5	U	5	U	0.33	J
Bromochloromethane	74-97-5	--	--	5	U	5	U	5	U	0.5	U
Bromodichloromethane	75-27-4	--	73	5	U	5	U	5	U	0.5	U
Bromoform	75-25-2	3800	2300	5	U	5	U	5	U	0.5	U
Bromomethane	74-83-9	--	--	5	U	5	U	5	U	0.5	U
Carbon Disulfide	75-15-0	--	--	0.4	J	5	U	5	U	0.5	U
Carbon Tetrachloride	56-23-5	40	14	5	U	5	U	5	U	0.5	U
Chlorobenzene	108-90-7	6150	23000	5	U	5	U	5	U	0.5	U
Chloroethane	75-00-3	--	29000	5	U	5	U	5	U	0.5	U
Chloroform	67-66-3	710	62	5	U	5	U	5	U	0.5	U
Chloromethane	74-87-3	--	5500	5	U	5	U	5	U	0.5	U
Cis-1,2-Dichloroethene	156-59-2	--	11000	5	U	5	U	5	U	0.5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	5	U	5	U	5	U	0.5	U
Cyclohexane	110-82-7	--	--	5	U	5	U	5	U	0.5	U
Dibromochloromethane	124-48-1	--	--	5	U	5	U	5	U	0.5	U
Dichlorodifluoromethane	75-71-8	--	1200	5	U	5	U	5	U	0.5	U
Ethylbenzene	100-41-4	50000	36000	5	U	5	U	5	U	0.5	U
Isopropylbenzene	98-82-8	--	6800	5	U	5	U	5	U	0.5	U

Appendix G
Analytical Data Summary
VOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				87 Store Ave. MW10 80018-GW-MW10-0310 H* 3/12/2010 9:20:00 AM N ug/L		87 Store Ave. MW10 80018-GW-MW10-0610 H* 6/23/2010 1:50:00 PM N ug/L		87 Store Ave. MW10 80018-GW-MW10-1010 H* 10/7/2010 11:10:00 AM N ug/L		87 Store Ave. OP3 80018-OP3-15-01 H* 15 8/13/2010 9:00:00 AM N ug/L	
Chemical Name	**CAS No.**	**CT Commercial/Industrial Vapor Protection Critiera**	**Proposed CT Commercial/Industrial Vapor Protection Critiera**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	5	U	5	U	5	U	0.5	U
Methyl Acetate	79-20-9	--	--	5	U	5	U	5	U	0.5	U
Methyl Tert-Butyl Ether	1634-04-4	50000	50000	5	U	5	U	5	U	0.5	U
Methylcyclohexane	108-87-2	--	--	5	U	5	U	5	U	0.5	U
Methylene Chloride	75-09-2	50000	2200	5	U	5	U	5	U	0.5	U
O-Xylene	95-47-6	--	--	5	U	5	U	5	U	0.5	U
Styrene	100-42-5	2065	42000	5	U	5	U	5	U	0.5	U
Tetrachloroethene	127-18-4	3820	810	5	U	5	U	5	U	0.5	U
Toluene	108-88-3	50000	41000	5	U	5	U	5	U	0.5	U
Trans-1,2-Dichloroethene	156-60-5	--	13000	5	U	5	U	5	U	0.5	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	5	U	5	U	5	U	0.5	U
Trichloroethene	79-01-6	540	67	5	U	5	U	5	U	0.5	U
Trichlorofluoromethane	75-69-4	--	4200	5	U	5	U	5	U	0.5	U
Vinyl Chloride	75-01-4	2	52	5	U	5	U	5	U	0.5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyzed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Residential Groundwater Vapor Criteria
VALUE	Indicates an exceedence of ProposedCT Residential

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3		MW3		MW3		MW3	
Sample ID		GW-060904-DK-001		80018-GW-DUP108-1208		80018-GW-MW3S-1208		80018-GW-MW3S-0309		80018-GW-MW3S-0609		80018-GW-MW3S-0909		80018-GW-MW3S-1209	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		6/9/2004 2:45:00 PM		12/18/2008 12:00:00 PM		12/18/2008 10:45:00 AM		3/3/2009 10:50:00 AM		6/16/2009 12:20:00 PM		9/1/2009 2:15:00 PM		12/2/2009 10:30:00 AM	
Sample Type		N		FD		N		N		N		N		N	
Field Duplicate Parent				80018-GW-MW3S-1208											
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4			5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3			5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2			5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	28	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	1	J	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	28	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	UJ
2,4-Dinitrotoluene	121-14-2	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	0.2	J	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	28	UJ	10	U	10	U	10	U	10	U	10	U	10	UJ
2-Nitrophenol	88-75-5	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	10	UJ	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	28	UJ	10	U	10	U	10	U	10	U	10	U	10	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	28	UJ	10	U	10	U	10	U	10	U	10	U	10	UJ
4-Bromophenyl-Phenylether	101-55-3	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	UJ	10	U	10	U	10	U	10	U	10	U	10	UJ
4-Nitrophenol	100-02-7	28	UJ	10	U	10	U	10	U	10	U	10	U	10	UJ
Acenaphthene	83-32-9	0.1	J	1.3	J	1.1	J	5	U	0.84	J	0.73	J	5	U
Acenaphthylene	208-96-8	0.08	J	5	U	5	U	5	U	5	U	5	U	5	U
Acetophenone	98-86-2	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Anthracene	120-12-7	0.3	J	5	U	5	U	5	U	5	U	5	U	5	U
Atrazine	1912-24-9	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	0.06	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	0.06	UJ	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	0.06	UJ	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	0.06	UJ	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	0.06	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Bis(2-Chloroethoxy)Methane	111-91-1	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	0.3	UJ	5	U	5	U	5	U	5	U	11	U	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3		MW3		MW3		MW3	
Sample ID		GW-060904-DK-001		80018-GW-DUP108-1208		80018-GW-MW3S-1208		80018-GW-MW3S-0309		80018-GW-MW3S-0609		80018-GW-MW3S-0909		80018-GW-MW3S-1209	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		6/9/2004 2:45:00 PM		12/18/2008 12:00:00 PM		12/18/2008 10:45:00 AM		3/3/2009 10:50:00 AM		6/16/2009 12:20:00 PM		9/1/2009 2:15:00 PM		12/2/2009 10:30:00 AM	
Sample Type		N		FD		N		N		N		N		N	
Field Duplicate Parent				80018-GW-MW3S-1208											
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	0.7	J	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	6	UJ	79	D	240	D	39		0.89	J	5	U	5	U
Carbazole	86-74-8	0.9	J	0.55	J	0.51	J	5	U	5	U	0.4	J	5	U
Chrysene	218-01-9	0.06	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	0.06	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	6	UJ	5	U	5	U	5	J	5	U	5	U	5	U
Diethylphthalate	84-66-2	0.4	J	5	U	5	U	5	J	5	U	5	U	5	U
Dimethylphthalate	131-11-3	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	1	J	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Fluoranthene	206-44-0	0.09	J	5	U	5	U	5	U	5	U	5	U	5	U
Fluorene	86-73-7	0.5	J	5	U	5	U	5	U	5	U	0.23	J	5	U
Hexachlorobenzene	118-74-1	0.06	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	0.06	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	0.06	UJ	5	U	5	U	5	UJ	5	U	5	U	5	U
Isophorone	78-59-1	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Naphthalene	91-20-3	1	J	5	U	5	U	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
N-Nitrosodiphenylamine	86-30-6	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	0.7	UJ	10	U	10	U	10	UJ	10	U	10	UJ	10	U
Phenanthrene	85-01-8	0.4	J	5	U	5	U	5	U	5	U	5	U	5	U
Phenol	108-95-2	3	J	5	U	5	U	5	U	5	U	5	U	5	U
Pyrene	129-00-0	0.1	J	5	U	5	U	5	U	5	U	5	U	R	

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3B		MW3B		MW3B		MW3B	
Sample ID		80018-GW-MW3S-0310		80018-GW-MW3S-0610		80018-GW-MW3S-1010		80018-GW-MW3B-1208		80018-GW-MW3B-0309		80018-GW-MW3B-0609		80018-GW-MW3B-0909	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 4:55:00 PM		6/24/2010 12:50:00 PM		10/7/2010 9:50:00 AM		12/18/2008 3:25:00 PM		3/3/2009 3:05:00 PM		6/16/2009 2:20:00 PM		9/1/2009 12:30:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	UJ	10	U	10	U	10	UJ	10	U	10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitrophenol	88-75-5	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	UJ	5	U	5	U	5	U	5	U	R		5	U
3-Nitroaniline	99-09-2	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	UJ	5	U	5	U	5	U	5	U	R		5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	UJ	R		10	U	10	U	10	U	10	U	10	U
4-Nitrophenol	100-02-7	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthene	83-32-9	0.61	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Acenaphthylene	208-96-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Acetophenone	98-86-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Anthracene	120-12-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Atrazine	1912-24-9	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U
Benzo(B)Fluoranthene	205-99-2	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U
Benzo(G,H,I)Perylene	191-24-2	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U
Benzo(K)Fluoranthene	207-08-9	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	1.1	UJ	5	U	5	U	5	U	5	U	1.7	J	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3B		MW3B		MW3B		MW3B	
Sample ID		80018-GW-MW3S-0310		80018-GW-MW3S-0610		80018-GW-MW3S-1010		80018-GW-MW3B-1208		80018-GW-MW3B-0309		80018-GW-MW3B-0609		80018-GW-MW3B-0909	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 4:55:00 PM		6/24/2010 12:50:00 PM		10/7/2010 9:50:00 AM		12/18/2008 3:25:00 PM		3/3/2009 3:05:00 PM		6/16/2009 2:20:00 PM		9/1/2009 12:30:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	5	UJ	5	U	5	U	220	D	5	U	5	U	5	U
Carbazole	86-74-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Chrysene	218-01-9	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U
Dibenzofuran	132-64-9	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Fluoranthene	206-44-0	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Fluorene	86-73-7	0.28	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	UJ	5	U	5	U	5	U	5	U	R		5	U
Hexachloroethane	67-72-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U
Isophorone	78-59-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Naphthalene	91-20-3	0.2	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U
N-Nitrosodiphenylamine	86-30-6	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	UJ	10	UJ	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Phenanthrene	85-01-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Phenol	108-95-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Pyrene	129-00-0	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3B		MW3B		MW3B		MW3B		MW3D		MW3D		MW3D	
Sample ID		80018-GW-MW3B-1209		80018-GW-MW3B-0310		80018-GW-MW3B-0610		80018-GW-MW3B-1010		GW-061004-DK-004		80018-GW-MW3D-1208		80018-GW-MW3D-0309	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		12/2/2009 4:20:00 PM		3/9/2010 3:00:00 PM		6/25/2010 10:30:00 AM		10/7/2010 4:05:00 PM		6/10/2004 7:30:00 PM		12/21/2008 10:25:00 AM		3/4/2009 9:25:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U			4.8	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U			4.8	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U			4.8	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	U	28	U	4.8	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	U	10	U	10	U	28	UJ	9.5	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
2-Chlorophenol	95-57-8	5	UJ	5	U	5	U	5	U	6	U	4.8	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
2-Methylphenol	95-48-7	5	U	0.16	J	5	U	5	U	6	U	4.8	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	10	U	10	U	28	U	9.5	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	U	5	U	11	U	4.8	U	5	U
3-Nitroaniline	99-09-2	10	U	0.39	J	10	U	10	U	28	U	9.5	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	10	U	10	U	28	UJ	9.5	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
4-Methylphenol	106-44-5	5	U	0.18	J	5	U	5	U	6	U	4.8	U	5	U
4-Nitroaniline	100-01-6	10	U	10	U	10	U	10	U	11	U	9.5	U	10	U
4-Nitrophenol	100-02-7	10	U	10	U	10	U	10	U	28	U	9.5	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Benzaldehyde	100-52-7	5	UJ	5	U	5	U	5	U	6	U	4.8	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	0.2	J	5	U	5	U	0.06	U	4.8	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	0.17	J	5	U	5	U	0.06	U	4.8	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	0.17	J	5	U	5	U	0.06	U	4.8	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	1.4	J	5	U	5	U	0.3	U	4.8	U	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3B		MW3B		MW3B		MW3B		MW3D		MW3D		MW3D	
Sample ID		80018-GW-MW3B-1209		80018-GW-MW3B-0310		80018-GW-MW3B-0610		80018-GW-MW3B-1010		GW-061004-DK-004		80018-GW-MW3D-1208		80018-GW-MW3D-0309	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		12/2/2009 4:20:00 PM		3/9/2010 3:00:00 PM		6/25/2010 10:30:00 AM		10/7/2010 4:05:00 PM		6/10/2004 7:30:00 PM		12/21/2008 10:25:00 AM		3/4/2009 9:25:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	5	U	6	U	63		5	U
Carbazole	86-74-8	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	0.3	J	4.8	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Hexachlorobutadiene	87-68-3	5	U	0.15	J	5	U	5	U	6	U	4.8	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	6	U	4.8	U	5	U
Pentachlorophenol	87-86-5	10	UJ	10	U	10	U	10	UJ	0.7	UJ	9.5	U	10	UJ
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U
Phenol	108-95-2	5	UJ	5	U	5	U	5	U	6	U	4.8	U	5	U
Pyrene	129-00-0	5	U	5	U	5	U	5	U	0.06	U	4.8	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3D		MW3D		MW3D		MW3D		MW3D		MW3D		MW3D	
Sample ID		80018-GW-MW3D-0609		80018-GW-MW3D-0909		80018-GW-MW3D-1209		80018-GW-MW3D-0310		80018-GW-MW3D-0610		80018-GW-DUP02-1010		80018-GW-MW3D-1010	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		6/16/2009 9:00:00 AM		8/31/2009 10:15:00 AM		12/2/2009 12:50:00 PM		3/9/2010 10:25:00 AM		6/24/2010 10:05:00 AM		10/7/2010 12:25:00 PM		10/7/2010 12:20:00 PM	
Sample Type		N		N		N		N		N		FD		N	
Field Duplicate Parent												80018-GW-MW3D-1010			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	UJ	5	UJ	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
3-Nitroaniline	99-09-2	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	U	10	U	10	U	10	UJ	R		10	U	10	U
4-Nitrophenol	100-02-7	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	0.47	J	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	UJ	0.93	J	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3D		MW3D		MW3D		MW3D		MW3D		MW3D		MW3D	
Sample ID		80018-GW-MW3D-0609		80018-GW-MW3D-0909		80018-GW-MW3D-1209		80018-GW-MW3D-0310		80018-GW-MW3D-0610		80018-GW-DUP02-1010		80018-GW-MW3D-1010	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		6/16/2009 9:00:00 AM		8/31/2009 10:15:00 AM		12/2/2009 12:50:00 PM		3/9/2010 10:25:00 AM		6/24/2010 10:05:00 AM		10/7/2010 12:25:00 PM		10/7/2010 12:20:00 PM	
Sample Type		N		N		N		N		N		FD		N	
Field Duplicate Parent												80018-GW-MW3D-1010			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Carbazole	86-74-8	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	U
Phenanthrene	85-01-8	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Phenol	108-95-2	5	U	5	U	5	UJ	0.22	J	5	U	5	U	5	U
Pyrene	129-00-0	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D	
Sample ID		80018-GW-MW11D-1208		80018-GW-MW11D-0309		80018-GW-DUP110-0609		80018-GW-MW11D-0609		80018-GW-MW11D-0909		80018-GW-MW11D-1209	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth													
Bottom Depth													
Sample Date		12/15/2008 1:35:00 PM		3/5/2009 3:50:00 PM		6/16/2009 12:05:00 PM		6/16/2009 12:25:00 PM		9/2/2009 9:46:00 AM		12/2/2009 11:10:00 AM	
Sample Type		N		N		FD		N		N		N	
Field Duplicate Parent						80018-GW-MW11D-0609							
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	UJ	5	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	UJ	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	UJ	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	UJ	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	UJ	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	U	10	U	10	U	10	U	R	
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	0.47	J	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	10	U	10	U	10	U	R	
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	10	U	10	U	10	U	10	U	10	U	R	
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	10	U	10	U	10	U	R	
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	UJ	5	U	5	U	0.33	J	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	U	10	U	10	U	10	U	10	U	R	
4-Nitrophenol	100-02-7	10	U	10	U	10	U	10	U	10	U	R	
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	0.24	J	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	U	5	U	5	U	5	UJ
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	U	5	U	5	U	5	UJ
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	0.73	J	5	U	5	U	5	U	7.1	U	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D	
Sample ID		80018-GW-MW11D-1208		80018-GW-MW11D-0309		80018-GW-DUP110-0609		80018-GW-MW11D-0609		80018-GW-MW11D-0909		80018-GW-MW11D-1209	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth													
Bottom Depth													
Sample Date		12/15/2008 1:35:00 PM		3/5/2009 3:50:00 PM		6/16/2009 12:05:00 PM		6/16/2009 12:25:00 PM		9/2/2009 9:46:00 AM		12/2/2009 11:10:00 AM	
Sample Type		N		N		FD		N		N		N	
Field Duplicate Parent						80018-GW-MW11D-0609							
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	0.55	J	5	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	100	D	200	D	5	U	5	U	5	U	5	U
Carbazole	86-74-8	5	U	5	U	5	U	5	U	5	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	UJ	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	UJ	5	U	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	UJ	5	U	5	U	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	U	10	UJ	10	UJ	10	U	10	UJ	10	U
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	U	5	U
Phenol	108-95-2	5	U	5	U	5	U	5	U	5	U	5	UJ
Pyrene	129-00-0	5	U	5	U	5	U	5	U	5	U	R	

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11D		MW11D		MW11S		MW11S		MW11S		MW11S	
Sample ID		80018-GW-MW11D-0310		80018-GW-MW11D-0610		80018-GW-MW11D-1010		80018-GW-MW11S-1208		80018-GW-MW11S-0309		80018-GW-MW11S-0609		80018-GW-MW11S-0909	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		3/11/2010 2:05:00 PM		6/21/2010 4:35:00 PM		10/6/2010 3:15:00 PM		12/16/2008 1:20:00 PM		3/6/2009 4:30:00 PM		6/16/2009 4:10:00 PM		9/1/2009 5:00:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	U	10	U	9.9	U	10	U	10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	10	U	9.9	U	10	U	10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	10	U	10	U	10	U	9.9	U	10	U	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	10	U	9.9	U	10	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	UJ	R		10	U	9.9	U	10	U	10	U	10	U
4-Nitrophenol	100-02-7	10	U	10	U	10	U	9.9	U	10	U	10	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	0.53	J	5	U	0.6	J	1.3	J
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	5	U	0.19	J
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	1.1	J	5	U	5	U	0.99	J	5	U	5	U	5.3	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11D		MW11D		MW11S		MW11S		MW11S		MW11S	
Sample ID		80018-GW-MW11D-0310		80018-GW-MW11D-0610		80018-GW-MW11D-1010		80018-GW-MW11S-1208		80018-GW-MW11S-0309		80018-GW-MW11S-0609		80018-GW-MW11S-0909	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		3/11/2010 2:05:00 PM		6/21/2010 4:35:00 PM		10/6/2010 3:15:00 PM		12/16/2008 1:20:00 PM		3/6/2009 4:30:00 PM		6/16/2009 4:10:00 PM		9/1/2009 5:00:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	0.73	J	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	140	D	140	D	5	U	5	U
Carbazole	86-74-8	5	U	5	U	5	U	5	U	5	U	5	U	0.61	J
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	5	U	0.37	J
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	U	5	U	0.27	J
Fluorene	86-73-7	5	U	5	U	5	U	0.5	J	5	U	0.65	J	1	J
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	U	10	U	10	U	9.9	U	10	UJ	10	UJ	10	UJ
Phenanthrene	85-01-8	5	U	5	U	5	U	0.56	J	5	U	5	U	1.1	J
Phenol	108-95-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Pyrene	129-00-0	5	U	5	U	5	U	5	U	5	U	5	U	0.35	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11S		MW11S		MW11S		MW11S		MW12D		MW12D		MW12D	
Sample ID		80018-GW-MW11S-1209		80018-GW-MW11S-0310		80018-GW-MW11S-0610		80018-GW-MW11S-1010		80018-GW-MW12D-1208		80018-GW-MW12D-0309		80018-GW-MW12D-0609	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		12/2/2009 2:20:00 PM		3/11/2010 10:40:00 AM		6/23/2010 4:15:00 PM		10/7/2010 8:30:00 AM		12/17/2008 2:10:00 PM		3/6/2009 10:20:00 AM		6/15/2009 4:30:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2,4-Dinitrophenol	51-28-5	10	UJ	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2-Chloronaphthalene	91-58-7	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2-Chlorophenol	95-57-8	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2-Methylnaphthalene	91-57-6	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2-Methylphenol	95-48-7	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
2-Nitroaniline	88-74-4	10	UJ	10	UJ	10	U	10	U	10	U	10	UJ	10	U
2-Nitrophenol	88-75-5	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
3-Nitroaniline	99-09-2	10	UJ	10	UJ	10	U	10	U	10	U	10	UJ	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	R		10	UJ	10	U	10	U	10	U	10	UJ	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
4-Chloroaniline	106-47-8	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
4-Methylphenol	106-44-5	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
4-Nitroaniline	100-01-6	10	UJ	10	UJ	10	U	10	U	10	U	10	UJ	10	U
4-Nitrophenol	100-02-7	10	UJ	10	UJ	10	U	10	U	10	U	10	UJ	10	U
Acenaphthene	83-32-9	5	U	0.66	J	5	U	5	U	5	U	5	UJ	5	U
Acenaphthylene	208-96-8	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Acetophenone	98-86-2	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Anthracene	120-12-7	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Atrazine	1912-24-9	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Benzaldehyde	100-52-7	5	UJ	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	UJ	5	U	5	U	0.55	J	5	UJ	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11S		MW11S		MW11S		MW11S		MW12D		MW12D		MW12D	
Sample ID		80018-GW-MW11S-1209		80018-GW-MW11S-0310		80018-GW-MW11S-0610		80018-GW-MW11S-1010		80018-GW-MW12D-1208		80018-GW-MW12D-0309		80018-GW-MW12D-0609	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		12/2/2009 2:20:00 PM		3/11/2010 10:40:00 AM		6/23/2010 4:15:00 PM		10/7/2010 8:30:00 AM		12/17/2008 2:10:00 PM		3/6/2009 10:20:00 AM		6/15/2009 4:30:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Caprolactam	105-60-2	5	U	5	UJ	5	U	5	U	140	D	1.5	J	5	U
Carbazole	86-74-8	5	U	0.29	J	5	U	5	U	5	U	5	UJ	5	U
Chrysene	218-01-9	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Dibenzofuran	132-64-9	5	U	0.19	J	5	U	5	U	5	U	5	UJ	5	U
Diethylphthalate	84-66-2	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Dimethylphthalate	131-11-3	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Fluoranthene	206-44-0	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Fluorene	86-73-7	5	U	0.23	J	5	U	5	U	5	U	5	UJ	5	U
Hexachlorobenzene	118-74-1	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Hexachlorobutadiene	87-68-3	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Hexachloroethane	67-72-1	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Isophorone	78-59-1	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Naphthalene	91-20-3	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Nitrobenzene	98-95-3	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	UJ
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	UJ
N-Nitrosodiphenylamine	86-30-6	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Pentachlorophenol	87-86-5	10	U	10	UJ	10	U	10	UJ	10	U	10	UJ	10	UJ
Phenanthrene	85-01-8	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
Phenol	108-95-2	5	UJ	0.25	J	5	U	5	U	5	U	5	UJ	5	U
Pyrene	129-00-0	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW12D		MW12D		MW12D		MW12D		MW12D		MW12D		MW12S	
Sample ID		80018-GW-DUP01-0809		80018-GW-MW12D-0809		80018-GW-MW12D-1209		80018-GW-MW12D-0310		80018-GW-MW12D-0610		80018-GW-MW12D-1010		80018-GW-MW12S-1208	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		8/31/2009 4:35:00 PM		8/31/2009 4:30:00 PM		11/30/2009 4:10:00 PM		3/11/2010 4:25:00 PM		6/22/2010 10:20:00 AM		10/6/2010 3:30:00 PM		12/17/2008 11:50:00 AM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW12D-0809													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2,4,5-Trichlorophenol	95-95-4	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2,4,6-Trichlorophenol	88-06-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2,4-Dichlorophenol	120-83-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2,4-Dimethylphenol	105-67-9	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2,4-Dinitrophenol	51-28-5	10	UJ	10	U	R		10	U	10	U	10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2,6-Dinitrotoluene	606-20-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2-Chloronaphthalene	91-58-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2-Chlorophenol	95-57-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2-Methylnaphthalene	91-57-6	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2-Methylphenol	95-48-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
2-Nitroaniline	88-74-4	10	UJ	10	U	R		10	U	10	U	10	U	10	U
2-Nitrophenol	88-75-5	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
3,3'-Dichlorobenzidine	91-94-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
3-Nitroaniline	99-09-2	10	UJ	10	U	R		10	U	10	U	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	UJ	10	U	R		10	U	10	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
4-Chloro-3-Methylphenol	59-50-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
4-Chloroaniline	106-47-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
4-Chlorophenyl-Phenylether	7005-72-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
4-Methylphenol	106-44-5	5	UJ	5	U	5	U	5	U	5	U	5	U	1.6	J
4-Nitroaniline	100-01-6	10	UJ	10	U	R		10	U	R		10	U	10	U
4-Nitrophenol	100-02-7	10	UJ	10	U	R		10	U	10	U	10	U	10	U
Acenaphthene	83-32-9	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Acenaphthylene	208-96-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Acetophenone	98-86-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Anthracene	120-12-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Atrazine	1912-24-9	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Benzaldehyde	100-52-7	5	UJ	5	U	5	UJ	5	U	5	U	5	U	5.1	U
Benzo(A)Anthracene	56-55-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Benzo(A)Pyrene	50-32-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Benzo(B)Fluoranthene	205-99-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Benzo(G,H,I)Perylene	191-24-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Benzo(K)Fluoranthene	207-08-9	5	UJ	5	U	5	UJ	5	U	5	U	5	U	5.1	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Bis(2-Chloroethyl)Ether	111-44-4	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	UJ	5	U	5	U	0.18	J	5	U	5	U	0.88	J

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW12D		MW12D		MW12D		MW12D		MW12D		MW12D		MW12S	
Sample ID		80018-GW-DUP01-0809		80018-GW-MW12D-0809		80018-GW-MW12D-1209		80018-GW-MW12D-0310		80018-GW-MW12D-0610		80018-GW-MW12D-1010		80018-GW-MW12S-1208	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		8/31/2009 4:35:00 PM		8/31/2009 4:30:00 PM		11/30/2009 4:10:00 PM		3/11/2010 4:25:00 PM		6/22/2010 10:20:00 AM		10/6/2010 3:30:00 PM		12/17/2008 11:50:00 AM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW12D-0809													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	UJ	5	U	5	U	5	U	5	U	5	U	0.7	J
Caprolactam	105-60-2	5	UJ	5	U	5	U	5	U	5	U	5	U	83	D
Carbazole	86-74-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Chrysene	218-01-9	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Dibenz(A,H)Anthracene	53-70-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Dibenzofuran	132-64-9	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Diethylphthalate	84-66-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Dimethylphthalate	131-11-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Di-N-Butyl Phthalate	84-74-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Di-N-Octyl Phthalate	117-84-0	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Fluoranthene	206-44-0	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Fluorene	86-73-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Hexachlorobenzene	118-74-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Hexachlorobutadiene	87-68-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Hexachlorocyclopentadiene	77-47-4	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Hexachloroethane	67-72-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Isophorone	78-59-1	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Naphthalene	91-20-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Nitrobenzene	98-95-3	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
N-Nitrosodiphenylamine	86-30-6	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Pentachlorophenol	87-86-5	10	UJ	10	UJ	10	U	10	U	10	U	10	UJ	10	U
Phenanthrene	85-01-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5.1	U
Phenol	108-95-2	5	UJ	5	U	5	UJ	5	U	5	U	5	U	5.7	
Pyrene	129-00-0	5	UJ	5	U	R		5	U	5	U	5	U	5.1	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		235 Meriden Rd.	
Sample Location		MW12S		MW12S		MW12S		MW12S		MW12S		MW12S		MW5	
Sample ID		80018-GW-MW12S-0309		80018-GW-MW12S-0609		80018-GW-MW12S-0909		80018-GW-MW12S-0310		80018-GW-MW12S-0610		80018-GW-MW12S-1010		GW-060904-BC-001	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		G*	
Top Depth															
Bottom Depth															
Sample Date		3/6/2009 12:20:00 PM		6/16/2009 8:00:00 AM		9/1/2009 8:00:00 AM		3/8/2010 4:40:00 PM		6/22/2010 11:25:00 AM		10/6/2010 4:05:00 PM		6/9/2004 7:50:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	UJ	5	U	5	U	5	UJ	5	U	5	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	UJ	5	U	5	U	5	UJ	5	U	5	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
2,3,4,6-Tetrachlorophenol	58-90-2	5	UJ	5	U	5	U	5	UJ	5	U	5	U		
2,4,5-Trichlorophenol	95-95-4	5	UJ	5	U	5	U	5	UJ	5	U	5	U	25	UJ
2,4,6-Trichlorophenol	88-06-2	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
2,4-Dichlorophenol	120-83-2	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
2,4-Dimethylphenol	105-67-9	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
2,4-Dinitrophenol	51-28-5	10	UJ	10	U	10	U	10	UJ	10	U	10	U	25	UJ
2,4-Dinitrotoluene	121-14-2	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
2,6-Dinitrotoluene	606-20-2	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
2-Chloronaphthalene	91-58-7	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
2-Chlorophenol	95-57-8	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
2-Methylnaphthalene	91-57-6	5	UJ	5	U	5	U	5	UJ	5	U	5	U	0.05	UJ
2-Methylphenol	95-48-7	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
2-Nitroaniline	88-74-4	10	UJ	10	U	10	U	10	UJ	10	U	10	U	25	UJ
2-Nitrophenol	88-75-5	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
3,3'-Dichlorobenzidine	91-94-1	5	UJ	5	U	5	U	5	UJ	5	U	5	U	10	UJ
3-Nitroaniline	99-09-2	10	UJ	10	U	10	U	10	UJ	10	U	10	U	25	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	10	UJ	10	U	10	U	10	UJ	10	U	10	U	25	UJ
4-Bromophenyl-Phenylether	101-55-3	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
4-Chloro-3-Methylphenol	59-50-7	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
4-Chloroaniline	106-47-8	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
4-Chlorophenyl-Phenylether	7005-72-3	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
4-Methylphenol	106-44-5	1.4	J	5	U			5	UJ	5	U	5	U	5	UJ
4-Nitroaniline	100-01-6	10	UJ	10	U	10	U	10	UJ	R		10	U	10	UJ
4-Nitrophenol	100-02-7	10	UJ	10	U	10	U	10	UJ	10	U	10	U	25	UJ
Acenaphthene	83-32-9	5	UJ	5	U	5	U	5	UJ	5	U	5	U	0.05	UJ
Acenaphthylene	208-96-8	5	UJ	5	U	5	U	5	UJ	5	U	5	U	0.05	UJ
Acetophenone	98-86-2	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Anthracene	120-12-7	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Atrazine	1912-24-9	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Benzaldehyde	100-52-7	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Benzo(A)Anthracene	56-55-3	5	UJ	5	U			5	UJ	5	UJ	5	U	0.05	UJ
Benzo(A)Pyrene	50-32-8	5	UJ	5	U			5	UJ	5	U	5	U	0.05	
Benzo(B)Fluoranthene	205-99-2	5	UJ	5	U			5	UJ	5	U	5	U	0.05	UJ
Benzo(G,H,I)Perylene	191-24-2	5	UJ	5	U			5	UJ	5	U	5	U	0.05	UJ
Benzo(K)Fluoranthene	207-08-9	5	UJ	5	U			5	UJ	5	U	5	U	0.05	UJ
Bis(2-Chloroethoxy)Methane	111-91-1	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Bis(2-Chloroethyl)Ether	111-44-4	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	UJ	5	U			1	J	5	U	5	U	0.2	UJ

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		235 Meriden Rd.	
Sample Location		MW12S		MW12S		MW12S		MW12S		MW12S		MW12S		MW5	
Sample ID		80018-GW-MW12S-0309		80018-GW-MW12S-0609		80018-GW-MW12S-0909		80018-GW-MW12S-0310		80018-GW-MW12S-0610		80018-GW-MW12S-1010		GW-060904-BC-001	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		G*	
Top Depth															
Bottom Depth															
Sample Date		3/6/2009 12:20:00 PM		6/16/2009 8:00:00 AM		9/1/2009 8:00:00 AM		3/8/2010 4:40:00 PM		6/22/2010 11:25:00 AM		10/6/2010 4:05:00 PM		6/9/2004 7:50:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Caprolactam	105-60-2	369	DJ	7.9		5	U	5	UJ	5	U	5	U	5	UJ
Carbazole	86-74-8	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Chrysene	218-01-9	5	UJ	5	U			5	UJ	5	UJ	5	U	0.05	UJ
Dibenz(A,H)Anthracene	53-70-3	5	UJ	5	U			5	UJ	5	U	5	U	0.05	UJ
Dibenzofuran	132-64-9	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Diethylphthalate	84-66-2	5	UJ	5	U			5	UJ	5	U	5	U	5	UJ
Dimethylphthalate	131-11-3	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Di-N-Butyl Phthalate	84-74-2	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Di-N-Octyl Phthalate	117-84-0	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Fluoranthene	206-44-0	5	UJ	5	U	0.17	J	5	UJ	5	UJ	5	U	0.05	UJ
Fluorene	86-73-7	5	UJ	5	U	5	U	5	UJ	5	U	5	U	0.05	UJ
Hexachlorobenzene	118-74-1	5	UJ	5	U	5	U	5	UJ	5	U	5	U	0.05	UJ
Hexachlorobutadiene	87-68-3	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Hexachlorocyclopentadiene	77-47-4	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Hexachloroethane	67-72-1	5	UJ	5	U	5	U	5	UJ	5	U	5	U	0.05	
Indeno(1,2,3-CD)Pyrene	193-39-5	5	UJ	5	U			5	UJ	5	U	5	U	0.05	UJ
Isophorone	78-59-1	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Naphthalene	91-20-3	5	UJ	5	U	5	U	5	UJ	5	U	5	U	0.05	
Nitrobenzene	98-95-3	5	UJ	5	UJ	5	U	5	UJ	5	U	5	U	5	UJ
N-Nitroso-Di-N-Propylamine	621-64-7	5	UJ	5	UJ	5	U	5	UJ	5	U	5	U	5	UJ
N-Nitrosodiphenylamine	86-30-6	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Pentachlorophenol	87-86-5	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	UJ	0.6	UJ
Phenanthrene	85-01-8	5	UJ	5	U	5	U	5	UJ	5	U	5	U	0.1	J
Phenol	108-95-2	11	J	5	U			5	UJ	5	U	5	U	5	UJ
Pyrene	129-00-0	5	UJ	5	U	5	U	5	UJ	5	UJ	5	U	0.05	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
Sample Location		MW5		MW5		MW5		MW5		MW5		MW5		MW5	
Sample ID		80018-GW-MW5-1208		80018-GW-MW5-0309		80018-GW-MW5-0609		80018-GW-MW5-0909		80018-GW-MW5-1209		80018-GW-MW5-0310		80018-GW-MW5-0610	
Risk Zone		G*		G*		G*		G*		G*		G*		G*	
Top Depth															
Bottom Depth															
Sample Date		12/18/2008 3:15:00 PM		3/6/2009 10:35:00 AM		6/18/2009 8:25:00 AM		9/3/2009 8:45:00 AM		12/1/2009 2:55:00 PM		3/11/2010 2:55:00 PM		6/24/2010 10:30:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	UJ	10	UJ	10	UJ	10	U	10	UJ	10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	UJ	10	U	10	U	10	UJ	10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
3-Nitroaniline	99-09-2	10	U	10	UJ	10	UJ	10	U	10	UJ	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	UJ	10	U	10	U	10	UJ	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	U	10	UJ	10	U	10	U	10	UJ	10	UJ		R
4-Nitrophenol	100-02-7	10	U	10	UJ	10	U	10	U	10	UJ	10	U	10	U
Acenaphthene	83-32-9	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Acenaphthylene	208-96-8	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	UJ	5	U	5	U	5	U	0.32	J	5	U
Anthracene	120-12-7	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	UJ	5	U	5	U	5	U	0.86	J	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	UJ	5	U	5	U	5	UJ	5	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	UJ	5	U	5	UJ	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	UJ	5	U	5	U	5	U	0.48	J	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
Sample Location		MW5		MW5		MW5		MW5		MW5		MW5		MW5	
Sample ID		80018-GW-MW5-1208		80018-GW-MW5-0309		80018-GW-MW5-0609		80018-GW-MW5-0909		80018-GW-MW5-1209		80018-GW-MW5-0310		80018-GW-MW5-0610	
Risk Zone		G*		G*		G*		G*		G*		G*		G*	
Top Depth															
Bottom Depth															
Sample Date		12/18/2008 3:15:00 PM		3/6/2009 10:35:00 AM		6/18/2009 8:25:00 AM		9/3/2009 8:45:00 AM		12/1/2009 2:55:00 PM		3/11/2010 2:55:00 PM		6/24/2010 10:30:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	110	D	5	UJ	5	U	5	U	5	U	5	U	5	U
Carbazole	86-74-8	5	U	5	UJ	5	UJ	5	U	5	U	5	U	5	U
Chrysene	218-01-9	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Fluorene	86-73-7	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	UJ	5	U	5	U	5	U	5	UJ	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	U	10	UJ	10	UJ	10	UJ	10	U	10	U	10	UJ
Phenanthrene	85-01-8	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Phenol	108-95-2	5	U	5	UJ	5	U	5	U	5	U	0.2	J	5	U
Pyrene	129-00-0	5	U	5	UJ	5	U	5	U	R		5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		235 Meriden Rd.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW5		MW6		MW6		MW6		MW6		MW6		MW6	
Sample ID		80018-GW-MW5-1010		GW-060904-BC-006		80018-GW-MW6S-1208		80018-GW-DUP109-0309		80018-GW-MW6S-0309		80018-GW-DUP109-0609		80018-GW-MW6S-0609	
Risk Zone		G*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		10/7/2010 9:35:00 AM		6/9/2004 3:05:00 PM		12/17/2008 1:45:00 PM		3/4/2009 9:05:00 AM		3/4/2009 9:00:00 AM		6/16/2009 9:35:00 AM		6/16/2009 9:30:00 AM	
Sample Type		N		N		N		FD		N		FD		N	
Field Duplicate Parent								80018-GW-MW6S-0309				80018-GW-MW6S-0609			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U			4.7	U	5	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U			4.7	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U			4.7	U	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	25	UJ	4.7	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	25	UJ	9.4	UJ	10	U	10	U	10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	J	4.7	U	5	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	25	UJ	9.4	U	10	U	10	U	10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	10	UJ	4.7	U	5	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	10	U	25	UJ	9.4	U	10	U	10	U	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	25	UJ	9.4	U	10	U	10	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	0.3	J	4.7	U	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	U	10	UJ	9.4	U	10	U	10	U	10	U	10	U
4-Nitrophenol	100-02-7	10	U	25	UJ	9.4	U	10	U	10	U	10	U	10	U
Acenaphthene	83-32-9	5	U	2	J	11		6		6.5		0.94	J	1.2	J
Acenaphthylene	208-96-8	5	U	0.1	J	4.7	U	5	U	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	0.2	UJ	4.7	U	5	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		235 Meriden Rd.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW5		MW6		MW6		MW6		MW6		MW6		MW6	
Sample ID		80018-GW-MW5-1010		GW-060904-BC-006		80018-GW-MW6S-1208		80018-GW-DUP109-0309		80018-GW-MW6S-0309		80018-GW-DUP109-0609		80018-GW-MW6S-0609	
Risk Zone		G*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		10/7/2010 9:35:00 AM		6/9/2004 3:05:00 PM		12/17/2008 1:45:00 PM		3/4/2009 9:05:00 AM		3/4/2009 9:00:00 AM		6/16/2009 9:35:00 AM		6/16/2009 9:30:00 AM	
Sample Type		N		N		N		FD		N		FD		N	
Field Duplicate Parent								80018-GW-MW6S-0309				80018-GW-MW6S-0609			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	UJ	120	D	39		48		210	J	55	J
Carbazole	86-74-8	5	U	0.5	J	1.1	J	0.62	J	0.73	J	5	U	5	U
Chrysene	218-01-9	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	0.3	J	4.7	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Fluorene	86-73-7	5	U	0.7	J	1.3	J	5	U	5	U	0.91	J	1.2	J
Hexachlorobenzene	118-74-1	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	1	J	4.7	U	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	UJ	4.7	U	5	U	5	U	5	UJ	5	UJ
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	UJ	4.7	U	5	U	5	U	5	UJ	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	UJ	0.6	UJ	9.4	U	10	UJ	10	UJ	10	UJ	10	U
Phenanthrene	85-01-8	5	U	0.4	J	4.7	U	5	U	5	U	5	U	5	U
Phenol	108-95-2	5	U	5	UJ	4.7	U	5	U	5	U	5	U	5	U
Pyrene	129-00-0	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6		MW6		MW6		MW6		MW6		MW6D		MW6D	
Sample ID		80018-GW-MW6S-0909		80018-GW-MW6S-1209		80018-GW-MW6S-0310		80018-GW-MW6S-0610		80018-GW-MW6S-1010		GW-060904-BC-007		80018-GW-MW6D-1208	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		9/2/2009 4:32:00 PM		12/2/2009 1:05:00 PM		3/11/2010 11:15:00 AM		6/22/2010 4:30:00 PM		10/5/2010 2:30:00 PM		6/9/2004 1:00:00 PM		12/18/2008 5:20:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U			5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U			5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	U			5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	0.18	J	5	U	5	U	25	UJ	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	UJ	10	U	10	U	10	U	25	UJ	10	UJ
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2-Nitroaniline	88-74-4	10	U	10	UJ	10	U	10	U	10	U	25	UJ	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	UJ	5	U	5	U	10	UJ	5	U
3-Nitroaniline	99-09-2	10	U	10	UJ	10	U	10	U	10	U	25	UJ	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	UJ	10	U	10	U	10	U	25	UJ	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	0.22	J	5	U	5	U	5	UJ	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
4-Nitroaniline	100-01-6	10	U	10	UJ	10	UJ	R		10	U	10	UJ	10	U
4-Nitrophenol	100-02-7	10	U	10	UJ	10	U	10	U	10	U	25	UJ	10	U
Acenaphthene	83-32-9	0.63	J	6.1		2.8	J	5	U	5	U	0.05	UJ	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	UJ	5	U	5	U	5	U	0.05	UJ	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	U	0.82	J	5	U	5	U	0.3	J	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6		MW6		MW6		MW6		MW6		MW6D		MW6D	
Sample ID		80018-GW-MW6S-0909		80018-GW-MW6S-1209		80018-GW-MW6S-0310		80018-GW-MW6S-0610		80018-GW-MW6S-1010		GW-060904-BC-007		80018-GW-MW6D-1208	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		9/2/2009 4:32:00 PM		12/2/2009 1:05:00 PM		3/11/2010 11:15:00 AM		6/22/2010 4:30:00 PM		10/5/2010 2:30:00 PM		6/9/2004 1:00:00 PM		12/18/2008 5:20:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Caprolactam	105-60-2	5	U	5	U	0.39	J	5	U	5	U	5	UJ	5	U
Carbazole	86-74-8	5	U	5	U	0.39	J	5	U	5	U	5	UJ	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Fluorene	86-73-7	0.59	J	5	U	0.3	J	5	U	5	U	0.05	UJ	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Naphthalene	91-20-3	5	U	2.1	J	5	U	5	U	5	U	0.05	UJ	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	UJ	5	U	5	U	5	UJ	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Pentachlorophenol	87-86-5	10	UJ	10	U	10	U	10	UJ	10	U	0.6	UJ	10	U
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	U	0.05	UJ	5	U
Phenol	108-95-2	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Pyrene	129-00-0	5	U	R		5	U	5	U	5	U	0.05	UJ	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
Sample ID		80018-GW-MW6D-0309		80018-GW-MW6D-0609		80018-GW-MW6D-0909		80018-GW-DUP02-1209		80018-GW-MW6D-1209		80018-GW-DUP02-0310		80018-GW-MW6D-0310	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		3/3/2009 3:30:00 PM		6/16/2009 1:55:00 PM		9/2/2009 1:10:00 PM		12/2/2009 10:00:00 AM		12/2/2009 9:00:00 AM		3/11/2010 10:20:00 AM		3/11/2010 10:15:00 AM	
Sample Type		N		N		N		FD		N		FD		N	
Field Duplicate Parent								80018-GW-MW6D-1209				80018-GW-MW6D-0310			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	U	10	U	10	U	R		10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	10	U	10	U	R		10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ
3-Nitroaniline	99-09-2	10	U	10	U	10	U	10	U	R		10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	10	U	10	U	R		10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	U	10	U	10	U	10	U	R		10	UJ	10	UJ
4-Nitrophenol	100-02-7	10	U	10	U	10	U	10	U	R		10	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	U	5	U	5	U	5	U	0.65	J	7.1	

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
Sample ID		80018-GW-MW6D-0309		80018-GW-MW6D-0609		80018-GW-MW6D-0909		80018-GW-DUP02-1209		80018-GW-MW6D-1209		80018-GW-DUP02-0310		80018-GW-MW6D-0310	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		3/3/2009 3:30:00 PM		6/16/2009 1:55:00 PM		9/2/2009 1:10:00 PM		12/2/2009 10:00:00 AM		12/2/2009 9:00:00 AM		3/11/2010 10:20:00 AM		3/11/2010 10:15:00 AM	
Sample Type		N		N		N		FD		N		FD		N	
Field Duplicate Parent								80018-GW-MW6D-1209				80018-GW-MW6D-0310			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	66		5	U	5	U	5	U	5	U	5	U
Carbazole	86-74-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	UJ	5	U	5	U	5	U	5	U	5	UJ
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	U
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Phenol	108-95-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Pyrene	129-00-0	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW6D		MW6D		MW6D		MW6D		MW9D		MW9D		MW9D	
Sample ID		80018-GW-DUP02-0610		80018-GW-MW6D-0610		80018-GW-DUP01-1010		80018-GW-MW6D-1010		80018-GW-MW9D-1208		80018-GW-MW9D-0309		80018-GW-MW9D-0609	
Risk Zone		F*		F*		F*		F*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		6/22/2010 11:10:00 AM		6/22/2010 11:00:00 AM		10/5/2010 10:00:00 AM		10/5/2010 9:55:00 AM		12/15/2008 12:10:00 PM		3/5/2009 2:10:00 PM		6/17/2009 9:10:00 AM	
Sample Type		FD		N		FD		N		N		N		N	
Field Duplicate Parent		80018-GW-MW6D-0610				80018-GW-MW6D-1010									
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	R		R		10	U	10	U	10	U	10	U	10	U
4-Nitrophenol	100-02-7	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	U	5	U	5	U	0.74	J	5	U	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW6D		MW6D		MW6D		MW6D		MW9D		MW9D		MW9D	
Sample ID		80018-GW-DUP02-0610		80018-GW-MW6D-0610		80018-GW-DUP01-1010		80018-GW-MW6D-1010		80018-GW-MW9D-1208		80018-GW-MW9D-0309		80018-GW-MW9D-0609	
Risk Zone		F*		F*		F*		F*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		6/22/2010 11:10:00 AM		6/22/2010 11:00:00 AM		10/5/2010 10:00:00 AM		10/5/2010 9:55:00 AM		12/15/2008 12:10:00 PM		3/5/2009 2:10:00 PM		6/17/2009 9:10:00 AM	
Sample Type		FD		N		FD		N		N		N		N	
Field Duplicate Parent		80018-GW-MW6D-0610				80018-GW-MW6D-1010									
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	5	U	120	D	5	U	5	U
Carbazole	86-74-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Phenol	108-95-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Pyrene	129-00-0	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW9D		MW9D		MW9D		MW9D		MW9D		MW9S		MW9S	
Sample ID		80018-GW-MW9D-0909		80018-GW-MW9D-1209		80018-GW-MW9D-0310		80018-GW-MW9D-0610		80018-GW-MW9D-1010		80018-GW-MW9S-1208		80018-GW-MW9S-0309	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		9/2/2009 12:05:00 PM		12/3/2009 9:05:00 AM		3/10/2010 12:45:00 PM		6/23/2010 2:55:00 PM		10/5/2010 3:10:00 PM		12/15/2008 3:35:00 PM		3/5/2009 10:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	UJ	10	U	10	U	10	U	9.4	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
2-Nitroaniline	88-74-4	10	U	10	UJ	10	U	10	U	10	U	9.4	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	UJ	5	U	5	U	4.7	U	5	U
3-Nitroaniline	99-09-2	10	U	10	UJ	10	U	10	U	10	U	9.4	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	R		10	U	10	U	10	U	9.4	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
4-Nitroaniline	100-01-6	10	U	10	UJ	10	UJ	10	U	10	U	9.4	U	10	U
4-Nitrophenol	100-02-7	10	U	10	UJ	10	U	10	U	10	U	9.4	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Benzo(A)Anthracene	56-55-3	0.16	J	5	U	5	U	5	U	5	U	4.7	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	UJ	5	U	5	U	5	U	5	U	4.7	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	U	0.67	J	5	U	5	U	0.55	J	5	U

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW9D		MW9D		MW9D		MW9D		MW9D		MW9S		MW9S	
Sample ID		80018-GW-MW9D-0909		80018-GW-MW9D-1209		80018-GW-MW9D-0310		80018-GW-MW9D-0610		80018-GW-MW9D-1010		80018-GW-MW9S-1208		80018-GW-MW9S-0309	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		9/2/2009 12:05:00 PM		12/3/2009 9:05:00 AM		3/10/2010 12:45:00 PM		6/23/2010 2:55:00 PM		10/5/2010 3:10:00 PM		12/15/2008 3:35:00 PM		3/5/2009 10:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	5	U	5	U	110	D	5	U
Carbazole	86-74-8	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	UJ	5	U	5	U	4.7	U	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Pentachlorophenol	87-86-5	10	UJ	10	U	10	U	10	U	10	U	9.4	U	10	UJ
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Phenol	108-95-2	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U
Pyrene	129-00-0	5	U	5	U	5	U	5	U	5	U	4.7	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		50 Store Ave.	
Sample Location		MW9S		MW9S		MW9S		MW9S		MW9S		MW9S		MW4	
Sample ID		80018-GW-MW9S-0609		80018-GW-MW9S-0909		80018-GW-MW9S-1209		80018-GW-MW9S-0310		80018-GW-MW9S-0610		80018-GW-MW9S-1010		GW-061004-DK-002	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/17/2009 12:50:00 PM		9/2/2009 9:25:00 AM		12/3/2009 1:25:00 PM		3/11/2010 11:15:00 AM		6/23/2010 11:25:00 AM		10/5/2010 5:25:00 PM		6/10/2004 3:00:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U	5	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U	5	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	U	5	U		
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	U	5	U	5	U	27	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	UJ	10	U	10	U	10	U	10	U	10	U	27	UJ
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	10	U	10	U	10	U	10	U	27	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	U	5	UJ	5	U	5	U	11	U
3-Nitroaniline	99-09-2	10	UJ	10	U	10	U	10	U	10	U	10	U	27	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	10	U	10	U	10	U	10	U	27	UJ
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	U	10	U	10	U	10	UJ	R		10	U	11	U
4-Nitrophenol	100-02-7	10	U	10	U	10	U	10	U	10	U	10	U	27	U
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	5	U	5	U	0.1	
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	U	5	U	3.6	J	5	U	5	U	0.3	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		50 Store Ave.	
Sample Location		MW9S		MW9S		MW9S		MW9S		MW9S		MW9S		MW4	
Sample ID		80018-GW-MW9S-0609		80018-GW-MW9S-0909		80018-GW-MW9S-1209		80018-GW-MW9S-0310		80018-GW-MW9S-0610		80018-GW-MW9S-1010		GW-061004-DK-002	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/17/2009 12:50:00 PM		9/2/2009 9:25:00 AM		12/3/2009 1:25:00 PM		3/11/2010 11:15:00 AM		6/23/2010 11:25:00 AM		10/5/2010 5:25:00 PM		6/10/2004 3:00:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbazole	86-74-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	U	5	U	0.2	
Fluorene	86-73-7	5	U	5	U	5	U	5	U	5	U	5	U	0.1	
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	U	5	U	0.05	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	UJ	10	UJ	10	U	10	U	10	UJ	10	U	0.7	UJ
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	U	5	U	0.3	
Phenol	108-95-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Pyrene	129-00-0	5	U	5	U	5	U	5	U	5	U	5	U	0.1	

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4		MW4		MW4		MW4		MW4		MW4		MW4	
Sample ID		GW-061004-DK-003		80018-GW-MW4S-1208		80018-GW-MW4S-0309		80018-GW-MW4S-0609		80018-GW-MW4S-0909		80018-GW-MW4S-1209		80018-GW-MW4S-0310	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/10/2004 2:00:00 PM		12/17/2008 2:30:00 PM		3/4/2009 10:00:00 AM		6/17/2009 3:20:00 PM		9/1/2009 2:15:00 PM		12/1/2009 11:55:00 AM		3/9/2010 2:55:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		GW-061004-DK-002													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4			4.8	U	5	U	5	U	5	UJ	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3			4.8	U	5	U	5	U	5	UJ	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2			4.8	U	5	U	5	U	5	UJ	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	28	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2,4-Dichlorophenol	120-83-2	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2,4-Dimethylphenol	105-67-9	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2,4-Dinitrophenol	51-28-5	28	UJ	9.5	UJ	10	U	10	UJ	10	UJ	10	U	10	U
2,4-Dinitrotoluene	121-14-2	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2,6-Dinitrotoluene	606-20-2	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2-Chloronaphthalene	91-58-7	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2-Chlorophenol	95-57-8	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2-Methylnaphthalene	91-57-6	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2-Methylphenol	95-48-7	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
2-Nitroaniline	88-74-4	28	U	9.5	U	10	U	10	U	10	UJ	10	U	10	U
2-Nitrophenol	88-75-5	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	11	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
3-Nitroaniline	99-09-2	28	U	9.5	U	10	U	10	UJ	10	UJ	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	28	UJ	9.5	U	10	U	10	U	10	UJ	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
4-Chloroaniline	106-47-8	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
4-Methylphenol	106-44-5	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
4-Nitroaniline	100-01-6	11	U	9.5	U	10	U	10	U	10	UJ	10	U	10	U
4-Nitrophenol	100-02-7	28	U	9.5	U	10	U	10	U	10	UJ	10	U	10	U
Acenaphthene	83-32-9	0.2		4.8	U	5	U	5	U	5	UJ	5	U	5	U
Acenaphthylene	208-96-8	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Acetophenone	98-86-2	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Anthracene	120-12-7	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Atrazine	1912-24-9	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Benzaldehyde	100-52-7	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Benzo(A)Anthracene	56-55-3	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Benzo(A)Pyrene	50-32-8	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	0.06	U	4.8	U	5	U	5	U	5	UJ	5	UJ	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	0.3	U	4.8	U	5	U	5	U	5	UJ	5	U	1.4	J

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4		MW4		MW4		MW4		MW4		MW4		MW4	
Sample ID		GW-061004-DK-003		80018-GW-MW4S-1208		80018-GW-MW4S-0309		80018-GW-MW4S-0609		80018-GW-MW4S-0909		80018-GW-MW4S-1209		80018-GW-MW4S-0310	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/10/2004 2:00:00 PM		12/17/2008 2:30:00 PM		3/4/2009 10:00:00 AM		6/17/2009 3:20:00 PM		9/1/2009 2:15:00 PM		12/1/2009 11:55:00 AM		3/9/2010 2:55:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		GW-061004-DK-002													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Caprolactam	105-60-2	6	U	120	D	5	U	5	U	5	UJ	5	U	0.24	J
Carbazole	86-74-8	6	U	4.8	U	5	U	5	UJ	5	UJ	5	U	5	U
Chrysene	218-01-9	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Dibenzofuran	132-64-9	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Diethylphthalate	84-66-2	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Dimethylphthalate	131-11-3	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	0.3	J	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Fluoranthene	206-44-0	0.2		4.8	U	5	U	5	U	5	UJ	5	U	5	U
Fluorene	86-73-7	0.2		4.8	U	5	U	5	U	5	UJ	5	U	5	U
Hexachlorobenzene	118-74-1	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Hexachlorobutadiene	87-68-3	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Hexachloroethane	67-72-1	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Isophorone	78-59-1	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Naphthalene	91-20-3	0.06	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Nitrobenzene	98-95-3	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
N-Nitrosodiphenylamine	86-30-6	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Pentachlorophenol	87-86-5	0.7	UJ	9.5	U	10	UJ	10	UJ	10	UJ	10	U	10	U
Phenanthrene	85-01-8	0.4		4.8	U	5	U	5	U	5	UJ	5	U	5	U
Phenol	108-95-2	6	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
Pyrene	129-00-0	0.2		4.8	U	5	U	5	U	5	UJ	R		5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4		MW4		MW4D		MW4D		MW4D		MW4D		MW4D	
Sample ID		80018-GW-MW4S-0610		80018-GW-MW4S-1010		GW-060904-BC-005		80018-GW-MW4D-1208		80018-GW-MW4D-0309		80018-GW-MW4D-0609		80018-GW-MW4D-0909	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/22/2010 3:45:00 PM		10/6/2010 9:45:00 AM		6/9/2004 6:05:00 PM		12/18/2008 11:20:00 AM		3/3/2009 3:10:00 PM		6/18/2009 9:25:00 AM		9/3/2009 10:17:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U			4.7	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U			4.7	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U			4.7	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	25	UJ	4.7	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	U	25	UJ	9.4	UJ	10	U	10	UJ	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	25	UJ	9.4	U	10	U	10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	10	UJ	4.7	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	10	U	10	U	25	UJ	9.4	U	10	U	10	UJ	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	25	UJ	9.4	U	10	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	R		10	U	10	UJ	9.4	U	10	U	10	U	10	U
4-Nitrophenol	100-02-7	10	U	10	U	25	UJ	9.4	U	10	U	10	U	10	U
Acenaphthene	83-32-9	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	UJ
Bis(2-Ethylhexyl)Phthalate	117-81-7	1.1	J	5	U	0.3	J	4.7	U	5	U	5	U	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4		MW4		MW4D		MW4D		MW4D		MW4D		MW4D	
Sample ID		80018-GW-MW4S-0610		80018-GW-MW4S-1010		GW-060904-BC-005		80018-GW-MW4D-1208		80018-GW-MW4D-0309		80018-GW-MW4D-0609		80018-GW-MW4D-0909	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/22/2010 3:45:00 PM		10/6/2010 9:45:00 AM		6/9/2004 6:05:00 PM		12/18/2008 11:20:00 AM		3/3/2009 3:10:00 PM		6/18/2009 9:25:00 AM		9/3/2009 10:17:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	UJ	150	D	5	U	5	U	5	U
Carbazole	86-74-8	5	U	5	U	5	UJ	4.7	U	5	U	5	UJ	5	U
Chrysene	218-01-9	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	1.6	J	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Fluorene	86-73-7	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	UJ	10	U	0.6	UJ	9.4	U	10	UJ	10	UJ	10	UJ
Phenanthrene	85-01-8	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U
Phenol	108-95-2	5	U	5	U	5	UJ	4.7	U	5	U	5	U	5	U
Pyrene	129-00-0	5	U	5	U	0.05	UJ	4.7	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4D		MW4D		MW4D		MW4D		MW8D		MW8D	
Sample ID		80018-GW-MW4D-1209		80018-GW-MW4D-0310		80018-GW-MW4D-0610		80018-GW-MW4D-1010		80018-GW-DUP107-1208		80018-GW-MW8D-1208		80018-GW-MW8D-0309	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		12/1/2009 10:10:00 AM		3/9/2010 11:25:00 AM		6/23/2010 10:50:00 AM		10/6/2010 11:10:00 AM		12/16/2008 1:35:00 PM		12/16/2008 1:30:00 PM		3/6/2009 1:40:00 PM	
Sample Type		N		N		N		N		FD		N		N	
Field Duplicate Parent										80018-GW-MW8D-1208					
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2,4,5-Trichlorophenol	95-95-4	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2,4,6-Trichlorophenol	88-06-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2,4-Dichlorophenol	120-83-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2,4-Dimethylphenol	105-67-9	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2,4-Dinitrophenol	51-28-5	10	UJ	10	UJ	10	U	10	U	10	U	10	U	10	UJ
2,4-Dinitrotoluene	121-14-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2,6-Dinitrotoluene	606-20-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2-Chloronaphthalene	91-58-7	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2-Chlorophenol	95-57-8	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2-Methylnaphthalene	91-57-6	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2-Methylphenol	95-48-7	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
2-Nitroaniline	88-74-4	10	UJ	10	UJ	10	U	10	U	10	U	10	U	10	UJ
2-Nitrophenol	88-75-5	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
3,3'-Dichlorobenzidine	91-94-1	5	U	R		5	U	5	U	5	U	5.2	U	5	UJ
3-Nitroaniline	99-09-2	10	UJ	10	UJ	10	U	10	U	10	U	10	U	10	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	10	UJ	10	UJ	10	U	10	U	10	U	10	U	10	UJ
4-Bromophenyl-Phenylether	101-55-3	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
4-Chloro-3-Methylphenol	59-50-7	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
4-Chloroaniline	106-47-8	5	U	R		5	U	5	U	5	U	5.2	U	5	UJ
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
4-Methylphenol	106-44-5	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
4-Nitroaniline	100-01-6	10	UJ	10	UJ	R		10	U	10	U	10	U	10	UJ
4-Nitrophenol	100-02-7	10	UJ	10	UJ	10	U	10	U	10	U	10	U	10	UJ
Acenaphthene	83-32-9	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Acenaphthylene	208-96-8	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Acetophenone	98-86-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Anthracene	120-12-7	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Atrazine	1912-24-9	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Benzaldehyde	100-52-7	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Benzo(A)Anthracene	56-55-3	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Benzo(A)Pyrene	50-32-8	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Benzo(B)Fluoranthene	205-99-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Benzo(G,H,I)Perylene	191-24-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Benzo(K)Fluoranthene	207-08-9	5	UJ	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	0.88	J	5	U	5	U	0.54	J	0.7	J	5	UJ

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4D		MW4D		MW4D		MW4D		MW8D		MW8D		MW8D	
Sample ID		80018-GW-MW4D-1209		80018-GW-MW4D-0310		80018-GW-MW4D-0610		80018-GW-MW4D-1010		80018-GW-DUP107-1208		80018-GW-MW8D-1208		80018-GW-MW8D-0309	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		12/1/2009 10:10:00 AM		3/9/2010 11:25:00 AM		6/23/2010 10:50:00 AM		10/6/2010 11:10:00 AM		12/16/2008 1:35:00 PM		12/16/2008 1:30:00 PM		3/6/2009 1:40:00 PM	
Sample Type		N		N		N		N		FD		N		N	
Field Duplicate Parent										80018-GW-MW8D-1208					
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	UJ	5	U	5	U	5	U	0.58	J	5	UJ
Caprolactam	105-60-2	5	U	5	UJ	5	U	5	U	5	U	0.89	J	5	UJ
Carbazole	86-74-8	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Chrysene	218-01-9	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Dibenz(A,H)Anthracene	53-70-3	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Dibenzofuran	132-64-9	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Diethylphthalate	84-66-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Dimethylphthalate	131-11-3	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Di-N-Butyl Phthalate	84-74-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Di-N-Octyl Phthalate	117-84-0	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Fluoranthene	206-44-0	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Fluorene	86-73-7	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Hexachlorobenzene	118-74-1	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Hexachlorobutadiene	87-68-3	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Hexachlorocyclopentadiene	77-47-4	5	U	R		5	U	5	U	5	U	5.2	U	5	UJ
Hexachloroethane	67-72-1	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Isophorone	78-59-1	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Naphthalene	91-20-3	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Nitrobenzene	98-95-3	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
N-Nitrosodiphenylamine	86-30-6	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Pentachlorophenol	87-86-5	10	U	10	UJ	10	UJ	10	U	10	U	10	U	10	UJ
Phenanthrene	85-01-8	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Phenol	108-95-2	5	U	5	UJ	5	U	5	U	5	U	5.2	U	5	UJ
Pyrene	129-00-0	R		5	UJ	5	U	5	U	5	U	5.2	U	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D	
Sample ID		80018-GW-MW8D-0609		80018-GW-DUP02-0909		80018-GW-MW8D-0909		80018-GW-DUP01-1209		80018-GW-MW8D-1209		80018-GW-DUP01-0310		80018-GW-MW8D-0310	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/17/2009 10:30:00 AM		9/2/2009 9:30:00 AM		9/2/2009 9:05:00 AM		12/1/2009 12:20:00 PM		12/1/2009 11:55:00 AM		3/9/2010 3:45:00 PM		3/9/2010 3:40:00 PM	
Sample Type		N		FD		N		FD		N		FD		N	
Field Duplicate Parent				80018-GW-MW8D-0909				80018-GW-MW8D-1209				80018-GW-MW8D-0310			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2,4-Dinitrophenol	51-28-5	10	UJ	10	U	10	U	10	UJ	R		10	U	10	UJ
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	0.2	J	5	UJ
2-Nitroaniline	88-74-4	10	U	10	U	10	U	10	UJ	R		10	U	10	UJ
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
3-Nitroaniline	99-09-2	10	UJ	10	U	10	U	10	UJ	R		10	U	10	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	10	U	10	UJ	R		10	U	10	UJ
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
4-Methylphenol	106-44-5	5	U	5	U	2	J	5	U	5	U	0.23	J	5	UJ
4-Nitroaniline	100-01-6	10	U	10	U	10	U	10	UJ	R		10	U	10	UJ
4-Nitrophenol	100-02-7	10	U	10	U	10	U	10	UJ	R		10	U	10	UJ
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Benzaldehyde	100-52-7	5	U	5	U	5	U	5	U	5	UJ	5	U	5	UJ
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	UJ	5	U	5	UJ
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	U	5	UJ	5	UJ	5	U	5	UJ
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	6.3	U	5	U	5	U	5	U	0.93	J	5	UJ

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D	
Sample ID		80018-GW-MW8D-0609		80018-GW-DUP02-0909		80018-GW-MW8D-0909		80018-GW-DUP01-1209		80018-GW-MW8D-1209		80018-GW-DUP01-0310		80018-GW-MW8D-0310	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/17/2009 10:30:00 AM		9/2/2009 9:30:00 AM		9/2/2009 9:05:00 AM		12/1/2009 12:20:00 PM		12/1/2009 11:55:00 AM		3/9/2010 3:45:00 PM		3/9/2010 3:40:00 PM	
Sample Type		N		FD		N		FD		N		FD		N	
Field Duplicate Parent				80018-GW-MW8D-0909				80018-GW-MW8D-1209				80018-GW-MW8D-0310			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Caprolactam	105-60-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Carbazole	86-74-8	5	UJ	5	U	5	U	5	U	5	U	5	U	5	UJ
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	UJ	5	U	5	UJ
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	UJ	5	U	5	UJ
Fluorene	86-73-7	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Pentachlorophenol	87-86-5	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U	10	UJ
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Phenol	108-95-2	5	U	5	U	5	U	5	U	5	UJ	0.18	J	5	UJ
Pyrene	129-00-0	5	U	5	U	5	U	R		R		5	U	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8S		MW8S		MW8S		MW8S		MW8S	
Sample ID		80018-GW-DUP01-0610		80018-GW-MW8D-0610		80018-GW-MW8D-1010		80018-GW-MW8S-1208		80018-GW-MW8S-0309		80018-GW-MW8S-0609		80018-GW-MW8S-0909		80018-GW-MW8S-1209	
Risk Zone		I*		I*		I*		I*		I*		I*		I*		I*	
Top Depth																	
Bottom Depth																	
Sample Date		6/22/2010 1:50:00 PM		6/22/2010 1:45:00 PM		10/4/2010 5:30:00 PM		12/17/2008 10:20:00 AM		3/6/2009 9:25:00 AM		6/17/2009 8:20:00 AM		9/2/2009 12:35:00 PM		12/1/2009 8:55:00 AM	
Sample Type		FD		N		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW8D-0610															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	U	10	U	10	UJ	10	UJ	10	UJ	10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
3-Nitroaniline	99-09-2	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Nitroaniline	100-01-6	R		R		10	U	10	U	10	UJ	10	U	10	U	10	U
4-Nitrophenol	100-02-7	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	UJ
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	U	2.3	J	5	U	5	UJ	5	U	8	U	5	U

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8S		MW8S		MW8S		MW8S		MW8S	
Sample ID		80018-GW-DUP01-0610		80018-GW-MW8D-0610		80018-GW-MW8D-1010		80018-GW-MW8S-1208		80018-GW-MW8S-0309		80018-GW-MW8S-0609		80018-GW-MW8S-0909		80018-GW-MW8S-1209	
Risk Zone		I*		I*		I*		I*		I*		I*		I*		I*	
Top Depth																	
Bottom Depth																	
Sample Date		6/22/2010 1:50:00 PM		6/22/2010 1:45:00 PM		10/4/2010 5:30:00 PM		12/17/2008 10:20:00 AM		3/6/2009 9:25:00 AM		6/17/2009 8:20:00 AM		9/2/2009 12:35:00 PM		12/1/2009 8:55:00 AM	
Sample Type		FD		N		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW8D-0610															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	46		4.6	J	5	U	5	U	5	U
Carbazole	86-74-8	5	U	5	U	5	U	5	U	5	UJ	5	UJ	5	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	UJ	10	U
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Phenol	108-95-2	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Pyrene	129-00-0	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	R	

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
Sample Location		MW8S		MW8S		MW8S		MW10		MW10		MW10		MW10	
Sample ID		80018-GW-MW8S-0310		80018-GW-MW8S-0610		80018-GW-MW8S-1010		80018-GW-MW10-1208		80018-GW-DUP110-0309		80018-GW-MW10-0309		80018-GW-MW10-0609	
Risk Zone		I*		I*		I*		H*		H*		H*		H*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 11:40:00 AM		6/22/2010 4:20:00 PM		10/4/2010 6:04:00 PM		12/16/2008 2:55:00 PM		3/4/2009 2:05:00 PM		3/4/2009 2:00:00 PM		6/15/2009 5:40:00 PM	
Sample Type		N		N		N		N		FD		N		N	
Field Duplicate Parent										80018-GW-MW10-0309					
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	U	10	U	9.6	U	10	U	10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	10	U	9.6	U	10	U	10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	10	U	10	U	10	U	9.6	U	10	U	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	10	U	9.6	U	10	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	UJ	R		10	U	9.6	U	10	U	10	U	10	U
4-Nitrophenol	100-02-7	10	U	10	U	10	U	9.6	U	10	U	10	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	0.28	J	5	U	5	U	4.8	U	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	0.31	J	5	U	5	U	4.8	U	5	U	5	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	0.58	J	5	U	5	U	0.85	J	5	U	5	U	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
Sample Location		MW8S		MW8S		MW8S		MW10		MW10		MW10		MW10	
Sample ID		80018-GW-MW8S-0310		80018-GW-MW8S-0610		80018-GW-MW8S-1010		80018-GW-MW10-1208		80018-GW-DUP110-0309		80018-GW-MW10-0309		80018-GW-MW10-0609	
Risk Zone		I*		I*		I*		H*		H*		H*		H*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 11:40:00 AM		6/22/2010 4:20:00 PM		10/4/2010 6:04:00 PM		12/16/2008 2:55:00 PM		3/4/2009 2:05:00 PM		3/4/2009 2:00:00 PM		6/15/2009 5:40:00 PM	
Sample Type		N		N		N		N		FD		N		N	
Field Duplicate Parent										80018-GW-MW10-0309					
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	0.64	J	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	65		5	U	5	U	79	
Carbazole	86-74-8	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	2.7	J	5	U	4.8	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	4.8	U	5	U	5	U	5	UJ
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	U	4.8	U	5	U	5	U	5	UJ
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	U	10	UJ	10	U	9.6	U	10	UJ	10	UJ	10	UJ
Phenanthrene	85-01-8	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Phenol	108-95-2	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U
Pyrene	129-00-0	5	U	5	U	5	U	4.8	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW10		MW10		MW10		MW10		MW10		MW7D		MW7D		MW7D	
Sample ID		80018-GW-MW10-0909		80018-GW-MW10-1209		80018-GW-MW10-0310		80018-GW-MW10-0610		80018-GW-MW10-1010		80018-GW-MW7D-1208		80018-GW-MW7D-0309		80018-GW-MW7D-0609	
Risk Zone		H*		H*		H*		H*		H*		F*		F*		F*	
Top Depth																	
Bottom Depth																	
Sample Date		9/2/2009 3:40:00 PM		12/3/2009 10:15:00 AM		3/12/2010 9:20:00 AM		6/23/2010 1:50:00 PM		10/7/2010 11:10:00 AM		12/15/2008 1:45:00 PM		3/5/2009 1:15:00 PM		6/17/2009 10:20:00 AM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	10	UJ	10	U	10	U	10	U	9.5	U	10	U	10	UJ
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	UJ	5	U	5	U	5	U	4.8	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	UJ	10	U	10	U	10	U	9.5	U	10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	UJ	5	U	5	U	4.8	U	5	U	5	U
3-Nitroaniline	99-09-2	10	U	10	UJ	10	U	10	U	10	U	9.5	U	10	U	10	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	UJ	10	U	10	U	10	U	9.5	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
4-Nitroaniline	100-01-6	10	U	10	UJ	10	UJ	10	U	10	U	9.5	U	10	U	10	U
4-Nitrophenol	100-02-7	10	U	10	UJ	10	U	10	U	10	U	9.5	U	10	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	UJ	5	U	5	U	5	U	4.8	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	UJ	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	U	1.9	J	5	U	5	U	0.54	J	5	U	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW10		MW10		MW10		MW10		MW10		MW7D		MW7D		MW7D	
Sample ID		80018-GW-MW10-0909		80018-GW-MW10-1209		80018-GW-MW10-0310		80018-GW-MW10-0610		80018-GW-MW10-1010		80018-GW-MW7D-1208		80018-GW-MW7D-0309		80018-GW-MW7D-0609	
Risk Zone		H*		H*		H*		H*		H*		F*		F*		F*	
Top Depth																	
Bottom Depth																	
Sample Date		9/2/2009 3:40:00 PM		12/3/2009 10:15:00 AM		3/12/2010 9:20:00 AM		6/23/2010 1:50:00 PM		10/7/2010 11:10:00 AM		12/15/2008 1:45:00 PM		3/5/2009 1:15:00 PM		6/17/2009 10:20:00 AM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	5	U	5	U	820	D	5	U	110	J
Carbazole	86-74-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	UJ
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	UJ	5	U	5	U	4.8	U	5	U	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Pentachlorophenol	87-86-5	10	UJ	10	U	10	U	10	U	10	UJ	9.5	U	10	UJ	10	UJ
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U
Phenol	108-95-2	5	U	5	UJ	5	U	5	U	5	U	4.8	U	5	U	5	U
Pyrene	129-00-0	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7D		MW7D		MW7D		MW7D		MW7D		MW7S		MW7S	
Sample ID		80018-GW-MW7D-0909		80018-GW-MW7D-1209		80018-GW-MW7D-0310		80018-GW-MW7D-0610		80018-GW-MW7D-1010		80018-GW-MW7S-1208		80018-GW-MW7S-0309	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		9/1/2009 2:55:00 PM		12/1/2009 2:30:00 PM		3/10/2010 2:05:00 PM		6/24/2010 6:00:00 PM		10/5/2010 10:40:00 AM		12/16/2008 10:10:00 AM		3/5/2009 10:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	0.19	J	5	U	5	U	4.8	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2,4-Dinitrophenol	51-28-5	10	U	R		10	U	10	U	10	U	9.6	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
2-Nitroaniline	88-74-4	10	U	R		10	U	10	U	10	U	9.6	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	UJ	5	U	5	U	4.8	U	5	U
3-Nitroaniline	99-09-2	10	U	R		10	U	10	U	10	U	9.6	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	R		10	U	10	U	10	U	9.6	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	0.2	J	5	U	5	U	4.8	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
4-Nitroaniline	100-01-6	10	U	R		10	UJ	10	U	10	U	9.6	U	10	U
4-Nitrophenol	100-02-7	10	U	R		10	U	10	U	10	U	9.6	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	UJ	5	U	5	U	5	U	4.8	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5.1	U	5	U	0.64	J	5	U	5	U	1.1	J	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7D		MW7D		MW7D		MW7D		MW7D		MW7S		MW7S	
Sample ID		80018-GW-MW7D-0909		80018-GW-MW7D-1209		80018-GW-MW7D-0310		80018-GW-MW7D-0610		80018-GW-MW7D-1010		80018-GW-MW7S-1208		80018-GW-MW7S-0309	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		9/1/2009 2:55:00 PM		12/1/2009 2:30:00 PM		3/10/2010 2:05:00 PM		6/24/2010 6:00:00 PM		10/5/2010 10:40:00 AM		12/16/2008 10:10:00 AM		3/5/2009 10:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	U	0.73	J	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	5	U	5	U	78	D	60	
Carbazole	86-74-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	UJ	5	U	5	U	4.8	U	2.1	J
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Pentachlorophenol	87-86-5	10	UJ	10	U	10	U	10	U	10	U	9.6	U	10	UJ
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Phenol	108-95-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U
Pyrene	129-00-0	5	U	R		5	U	5	U	5	U	4.8	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7S		MW7S		MW7S		MW7S		MW7S		MW7S	
Sample ID		80018-GW-MW7S-0609		80018-GW-MW7S-0809		80018-GW-MW7S-1209		80018-GW-MW7S-0310		80018-GW-MW7S-0610		80018-GW-MW7S-1010	
Risk Zone		F*		F*		F*		F*		F*		F*	
Top Depth													
Bottom Depth													
Sample Date		6/17/2009 1:30:00 PM		8/31/2009 3:40:00 PM		12/1/2009 11:45:00 AM		3/10/2010 3:05:00 PM		6/24/2010 10:10:00 AM		10/5/2010 10:00:00 AM	
Sample Type		N		N		N		N		N		N	
Field Duplicate Parent													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-Tetrachlorophenol	58-90-2	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	10	UJ	10	U	R		10	U	10	U	10	U
2,4-Dinitrotoluene	121-14-2	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	U	5	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	91-58-7	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylnaphthalene	91-57-6	5	U	5	U	5	U	5	U	5	U	5	U
2-Methylphenol	95-48-7	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	10	U	10	U	R		10	U	10	U	10	U
2-Nitrophenol	88-75-5	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	91-94-1	5	U	5	U	5	U	5	UJ	5	U	5	U
3-Nitroaniline	99-09-2	10	UJ	10	U	R		10	U	10	U	10	U
4,6-Dinitro-2-Methylphenol	534-52-1	10	U	10	U	R		10	U	10	U	10	U
4-Bromophenyl-Phenylether	101-55-3	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloro-3-Methylphenol	59-50-7	5	U	5	U	5	U	5	U	5	U	5	U
4-Chloroaniline	106-47-8	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl-Phenylether	7005-72-3	5	U	5	U	5	U	5	U	5	U	5	U
4-Methylphenol	106-44-5	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	10	U	10	U	R		10	UJ	10	U	10	U
4-Nitrophenol	100-02-7	10	U	10	U	R		10	U	10	U	10	U
Acenaphthene	83-32-9	5	U	5	U	5	U	5	U	5	U	5	U
Acenaphthylene	208-96-8	5	U	5	U	5	U	5	U	5	U	5	U
Acetophenone	98-86-2	5	U	5	U	5	U	5	U	5	U	5	U
Anthracene	120-12-7	5	U	5	U	5	U	5	U	5	U	5	U
Atrazine	1912-24-9	5	U	5	U	5	U	5	U	5	U	5	U
Benzaldehyde	100-52-7	5	U	5	U	5	UJ	5	U	5	U	5	U
Benzo(A)Anthracene	56-55-3	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(A)Pyrene	50-32-8	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(B)Fluoranthene	205-99-2	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(G,H,I)Perylene	191-24-2	5	U	5	U	5	U	5	U	5	U	5	U
Benzo(K)Fluoranthene	207-08-9	5	U	5	U	5	UJ	5	U	5	U	5	U
Bis(2-Chloroethoxy)Methane	111-91-1	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Chloroethyl)Ether	111-44-4	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	5	U	5	U	5	U	0.24	J	5	U	5	U

Appendix G
Analytical Data Summary
SVOCs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7S		MW7S		MW7S		MW7S		MW7S		MW7S	
Sample ID		80018-GW-MW7S-0609		80018-GW-MW7S-0809		80018-GW-MW7S-1209		80018-GW-MW7S-0310		80018-GW-MW7S-0610		80018-GW-MW7S-1010	
Risk Zone		F*		F*		F*		F*		F*		F*	
Top Depth													
Bottom Depth													
Sample Date		6/17/2009 1:30:00 PM		8/31/2009 3:40:00 PM		12/1/2009 11:45:00 AM		3/10/2010 3:05:00 PM		6/24/2010 10:10:00 AM		10/5/2010 10:00:00 AM	
Sample Type		N		N		N		N		N		N	
Field Duplicate Parent													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	5	U	5	U	5	U
Carbazole	86-74-8	5	UJ	5	U	5	U	5	U	5	U	5	U
Chrysene	218-01-9	5	U	5	U	5	U	5	U	5	U	5	U
Dibenz(A,H)Anthracene	53-70-3	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Butyl Phthalate	84-74-2	5	U	5	U	5	U	5	U	5	U	5	U
Di-N-Octyl Phthalate	117-84-0	5	U	5	U	5	U	5	U	5	U	5	U
Fluoranthene	206-44-0	5	U	5	U	5	U	5	U	5	U	5	U
Fluorene	86-73-7	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobenzene	118-74-1	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	87-68-3	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	67-72-1	5	U	5	U	5	U	5	U	5	U	5	U
Indeno(1,2,3-CD)Pyrene	193-39-5	5	U	5	U	5	U	5	U	5	U	5	U
Isophorone	78-59-1	5	U	5	U	5	U	5	U	5	U	5	U
Naphthalene	91-20-3	5	U	5	U	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	5	U	5	U	5	U	5	U	5	U	5	U
N-Nitroso-Di-N-Propylamine	621-64-7	5	U	5	U	5	U	5	UJ	5	U	5	U
N-Nitrosodiphenylamine	86-30-6	5	U	5	U	5	U	5	U	5	U	5	U
Pentachlorophenol	87-86-5	10	UJ	10	UJ	10	U	10	U	10	U	10	U
Phenanthrene	85-01-8	5	U	5	U	5	U	5	U	5	U	5	U
Phenol	108-95-2	5	U	5	U	5	UJ	5	U	5	U	5	U
Pyrene	129-00-0	5	U	5	U	R		5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3		MW3		MW3		MW3		MW3	
Sample ID		GW-060904-DK-001		80018-GW-DUP108-1208		80018-GW-MW3S-1208		80018-GW-MW3S-0309		80018-GW-MW3S-0609		80018-GW-MW3S-0909		80018-GW-MW3S-1209		80018-GW-MW3S-0310	
Risk Zone		J*		J*		J*		J*		J*		J*		J*		J*	
Top Depth																	
Bottom Depth																	
Sample Date		6/9/2004 2:45:00 PM		12/18/2008 12:00:00 PM		12/18/2008 10:45:00 AM		3/3/2009 10:50:00 AM		6/16/2009 12:20:00 PM		9/1/2009 2:15:00 PM		12/2/2009 10:30:00 AM		3/9/2010 4:55:00 PM	
Sample Type		N		FD		N		N		N		N		N		N	
Field Duplicate Parent				80018-GW-MW3S-1208													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.15	UJ	0.098	U	0.094	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	UJ	0.098	U	0.094	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	UJ	0.098	U	0.094	U	0.1	UJ	0.1	U	R		0.1	U	0.1	U
Aldrin	309-00-2	0.05	UJ	0.049	U	0.047	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	UJ	0.049	U	0.047	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9			0.049	U	0.047	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	UJ
Beta-BHC	319-85-7	0.05	UJ	0.049	U	0.047	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
Delta-BHC	319-86-8	R		0.049	U	0.047	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	UJ	0.098	U	0.094	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	UJ	0.049	U	0.047	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	UJ	0.098	U	0.094	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	UJ	0.098	U	0.094	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	UJ	0.098	U	0.094	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	UJ	0.098	U	0.094	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	UJ	0.098	U	0.094	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	UJ	0.049	U	0.047	U	0.05	UJ	0.05	U	0.0091	J	0.05	U	0.05	UJ
Gamma-Chlordane	5103-74-2			0.049	U	0.047	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	UJ	0.049	U	0.047	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.007	J	0.049	U	0.047	U	0.05	UJ	0.05	U	0.018	J	0.05	U	0.05	U
Methoxychlor	72-43-5	0.5	UJ	0.49	U	0.47	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	2.5	UJ	4.9	U	4.7	U	5	UJ	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Sample Location	MW3		MW3		MW3B		MW3B		MW3B		MW3B		MW3B	
	Sample ID	80018-GW-MW3S-0610		80018-GW-MW3S-1010		80018-GW-MW3B-1208		80018-GW-MW3B-0309		80018-GW-MW3B-0609		80018-GW-MW3B-0909		80018-GW-MW3B-1209	
	Risk Zone	J*		J*		J*		J*		J*		J*		J*	
	Top Depth														
	Bottom Depth														
	Sample Date	6/24/2010 12:50:00 PM		10/7/2010 9:50:00 AM		12/18/2008 3:25:00 PM		3/3/2009 3:05:00 PM		6/16/2009 2:20:00 PM		9/1/2009 12:30:00 PM		12/2/2009 4:20:00 PM	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Aldrin	309-00-2	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U	R		0.05	U
Alpha-Chordane	5103-71-9	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ
Delta-BHC	319-86-8	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U	R		0.05	U
Heptachlor	76-44-8	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U	0.013	J	0.05	U
Methoxychlor	72-43-5	0.5	UJ	0.5	U	0.48	U	0.5	UJ	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	UJ	5	U	4.8	U	5	UJ	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3B		MW3B		MW3B		MW3D		MW3D		MW3D		MW3D		MW3D	
Sample ID		80018-GW-MW3B-0310		80018-GW-MW3B-0610		80018-GW-MW3B-1010		GW-061004-DK-004		80018-GW-MW3D-1208		80018-GW-MW3D-0309		80018-GW-MW3D-0609		80018-GW-MW3D-0909	
Risk Zone		J*		J*		J*		J*		J*		J*		J*		J*	
Top Depth																	
Bottom Depth																	
Sample Date		3/9/2010 3:00:00 PM		6/25/2010 10:30:00 AM		10/7/2010 4:05:00 PM		6/10/2004 7:30:00 PM		12/21/2008 10:25:00 AM		3/4/2009 9:25:00 AM		6/16/2009 9:00:00 AM		8/31/2009 10:15:00 AM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.16	U	0.095	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.11	U	0.095	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.11	U	0.095	U	0.1	U	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.055	U	0.047	U	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.055	U	0.047	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U			0.047	U	0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.055	U	0.047	U	0.05	U	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.05	U	0.05	U		R	0.047	U	0.05	U	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.11	U	0.095	U	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.055	U	0.047	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.11	U	0.095	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.11	U	0.095	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	UJ	0.11	U	0.095	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.11	U	0.095	U	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.11	U	0.095	U	0.1	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.055	U	0.047	U	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U			0.047	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.05	U	0.05	U	0.055	U	0.047	U	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.0012	J	0.05	U	0.05	U	0.055	U	0.047	U	0.05	U	0.05	U	0.0078	J
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.55	U	0.47	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	2.7	U	4.7	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.	
	Sample Location	MW3D		MW3D		MW3D		MW3D		MW3D		MW11D		MW11D	
	Sample ID	80018-GW-MW3D-1209		80018-GW-MW3D-0310		80018-GW-MW3D-0610		80018-GW-DUP02-1010		80018-GW-MW3D-1010		80018-GW-MW11D-1208		80018-GW-MW11D-0309	
	Risk Zone	J*		J*		J*		J*		J*		E1*		E1*	
	Top Depth														
	Bottom Depth														
	Sample Date	12/2/2009 12:50:00 PM		3/9/2010 10:25:00 AM		6/24/2010 10:05:00 AM		10/7/2010 12:25:00 PM		10/7/2010 12:20:00 PM		12/15/2008 1:35:00 PM		3/5/2009 3:50:00 PM	
	Sample Type	N		N		N		FD		N		N		N	
	Field Duplicate Parent							80018-GW-MW3D-1010							
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.097	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.097	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.097	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.00055	J	0.05	U	0.05	U	0.05	U	0.048	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U	0.05	U
Beta-BHC	319-85-7	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.0014	J	0.05	U	0.05	U	0.05	U	0.048	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.097	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.097	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.097	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.097	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.0075	J	0.1	U	0.1	U	0.1	U	0.097	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.0014	J	0.1	U	0.1	U	0.1	U	0.097	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.048	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.00024	J	0.05	U	0.05	U	0.05	U	0.048	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.002	J	0.05	U	0.05	U	0.05	U	0.048	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.0042	J	0.05	U	0.05	U	0.05	U	0.048	U	0.05	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.48	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5	U	5	U	4.8	U	5	U

Notes:

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
	Sample Location	MW11D		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D	
	Sample ID	80018-GW-DUP110-0609		80018-GW-MW11D-0609		80018-GW-MW11D-0909		80018-GW-MW11D-1209		80018-GW-MW11D-0310		80018-GW-MW11D-0610		80018-GW-MW11D-1010	
	Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E1*	
	Top Depth														
	Bottom Depth														
	Sample Date	6/16/2009 12:05:00 PM		6/16/2009 12:25:00 PM		9/2/2009 9:46:00 AM		12/2/2009 11:10:00 AM		3/11/2010 2:05:00 PM		6/21/2010 4:35:00 PM		10/6/2010 3:15:00 PM	
	Sample Type	FD		N		N		N		N		N		N	
	Field Duplicate Parent	80018-GW-MW11D-0609													
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	1.4		0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	2.9	D	0.1	U	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	U	0.0014	J	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.05	UJ	0.0061	J	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.05	U	0.05	U	0.05	U	0.004	J	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	R		0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	U	0.001	J	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	R		0.05	U	0.0023	J	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.05	U	0.018	J	0.05	U	0.00045	J	0.05	U	0.05	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
	Sample Location	MW11S		MW11S		MW11S		MW11S		MW11S		MW11S		MW11S	
	Sample ID	80018-GW-MW11S-1208		80018-GW-MW11S-0309		80018-GW-MW11S-0609		80018-GW-MW11S-0909		80018-GW-MW11S-1209		80018-GW-MW11S-0310		80018-GW-MW11S-0610	
	Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E1*	
	Top Depth														
	Bottom Depth														
	Sample Date	12/16/2008 1:20:00 PM		3/6/2009 4:30:00 PM		6/16/2009 4:10:00 PM		9/1/2009 5:00:00 PM		12/2/2009 2:20:00 PM		3/11/2010 10:40:00 AM		6/23/2010 4:15:00 PM	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.00099	J	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aldrin	309-00-2	0.052	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.052	U	0.05	U	0.05	U	R		0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.052	U	0.05	U	0.05	U	0.05	U	0.05	U	0.0023	J	0.05	U
Beta-BHC	319-85-7	0.052	U	0.05	U	0.05	U	0.05	U	0.05	UJ	0.0032	J	0.05	U
Delta-BHC	319-86-8	0.052	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.052	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.0018	J	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.052	U	0.05	U	0.05	U	0.006	J	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.052	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.052	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.052	U	0.05	U	0.05	U	0.012	J	0.05	U	0.05	U	0.05	U
Methoxychlor	72-43-5	0.52	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5.2	U	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
	Sample Location	MW11S		MW12D		MW12D		MW12D		MW12D		MW12D		MW12D	
	Sample ID	80018-GW-MW11S-1010		80018-GW-MW12D-1208		80018-GW-MW12D-0309		80018-GW-MW12D-0609		80018-GW-DUP01-0809		80018-GW-MW12D-0809		80018-GW-MW12D-1209	
	Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E1*	
	Top Depth														
	Bottom Depth														
	Sample Date	10/7/2010 8:30:00 AM		12/17/2008 2:10:00 PM		3/6/2009 10:20:00 AM		6/15/2009 4:30:00 PM		8/31/2009 4:35:00 PM		8/31/2009 4:30:00 PM		11/30/2009 4:10:00 PM	
	Sample Type	N		N		N		N		FD		N		N	
	Field Duplicate Parent									80018-GW-MW12D-0809					
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.052	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.052	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.052	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.052	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.052	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.052	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.052	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.052	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.052	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.052	U	0.05	U	0.05	U	0.0091	J	0.01	J	0.05	U
Methoxychlor	72-43-5	0.5	U	0.52	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5.2	U	5	U	5	U	5	UJ	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
	Sample Location	MW12D		MW12D		MW12D		MW12S		MW12S		MW12S		MW12S	
	Sample ID	80018-GW-MW12D-0310		80018-GW-MW12D-0610		80018-GW-MW12D-1010		80018-GW-MW12S-1208		80018-GW-MW12S-0309		80018-GW-MW12S-0309RS		80018-GW-MW12S-0609	
	Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E1*	
	Top Depth														
	Bottom Depth														
	Sample Date	3/11/2010 4:25:00 PM		6/22/2010 10:20:00 AM		10/6/2010 3:30:00 PM		12/17/2008 11:50:00 AM		3/6/2009 12:20:00 PM		3/23/2009 1:20:00 PM		6/16/2009 8:00:00 AM	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.051	U	0.05	UJ	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.051	U	0.05	UJ	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.051	U	0.05	UJ	0.05	U	0.05	U
Beta-BHC	319-85-7	0.0021	J	0.05	U	0.05	U	0.051	U	0.05	UJ	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.05	U	0.05	U	0.051	U	0.05	UJ	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.051	U	0.05	UJ	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.095	J	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.051	U	0.05	UJ	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	UJ	0.05	U	0.05	U	0.051	U	0.05	UJ	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.05	U	0.05	U	0.051	U	0.05	UJ	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	UJ	0.05	U	0.05	U	0.051	U	0.05	UJ	0.05	U	0.05	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.51	U	0.5	UJ	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5.1	U	5	UJ	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
Sample Location		MW12S		MW12S		MW12S		MW12S		MW5		MW5		MW5		MW5	
Sample ID		80018-GW-MW12S-0909		80018-GW-MW12S-0310		80018-GW-MW12S-0610		80018-GW-MW12S-1010		GW-060904-BC-001		80018-GW-MW5-1208		80018-GW-MW5-0309		80018-GW-MW5-0609	
Risk Zone		E1*		E1*		E1*		E1*		G*		G*		G*		G*	
Top Depth																	
Bottom Depth																	
Sample Date		9/1/2009 8:00:00 AM		3/8/2010 4:40:00 PM		6/22/2010 11:25:00 AM		10/6/2010 4:05:00 PM		6/9/2004 7:50:00 AM		12/18/2008 3:15:00 PM		3/6/2009 10:35:00 AM		6/18/2009 8:25:00 AM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	UJ	0.1	U	0.15	UJ	0.1	U	0.1	UJ	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.00098	J	0.1	UJ	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U
4,4'-DDT	50-29-3	R		0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U
Aldrin	309-00-2	0.05	U	0.0019	J	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.05	UJ	0.05	U
Alpha-BHC	319-84-6	0.0068	J	0.05	U	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.05	UJ	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	UJ	0.05	U			0.05	U	0.05	UJ	0.05	U
Beta-BHC	319-85-7	0.036	J	0.05	U	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.05	UJ	0.05	U
Delta-BHC	319-86-8	0.05	U	0.0048	J	0.05	UJ	0.05	U	R		0.05	U	0.05	UJ	0.05	U
Dieldrin	60-57-1	R		0.0032	J	0.1	UJ	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U
Endosulfan I	959-98-8	R		0.05	U	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.05	UJ	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.0039	J	0.1	UJ	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.0067	J	0.1	UJ	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.0006	J	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.05	UJ	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	UJ	0.05	U			0.05	U	0.05	UJ	0.05	U
Heptachlor	76-44-8	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.05	UJ	R	
Heptachlor Epoxide	1024-57-3	R		0.0044	J	0.05	UJ	0.05	U	0.05	UJ	0.05	U	0.05	UJ	0.05	U
Methoxychlor	72-43-5	0.5	U	0.0057	J	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	UJ	5	U	2.5	UJ	5	U	5	UJ	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW5		MW5		MW5		MW5		MW5		MW6		MW6		MW6	
Sample ID		80018-GW-MW5-0909		80018-GW-MW5-1209		80018-GW-MW5-0310		80018-GW-MW5-0610		80018-GW-MW5-1010		GW-060904-BC-006		80018-GW-MW6S-1208		80018-GW-DUP109-0309	
Risk Zone		G*		G*		G*		G*		G*		F*		F*		F*	
Top Depth																	
Bottom Depth																	
Sample Date		9/3/2009 8:45:00 AM		12/1/2009 2:55:00 PM		3/11/2010 2:55:00 PM		6/24/2010 10:30:00 AM		10/7/2010 9:35:00 AM		6/9/2004 3:05:00 PM		12/17/2008 1:45:00 PM		3/4/2009 9:05:00 AM	
Sample Type		N		N		N		N		N		N		N		FD	
Field Duplicate Parent																80018-GW-MW6S-0309	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.15	UJ	0.094	U	0.1	UJ
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.094	U	0.1	UJ
4,4'-DDT	50-29-3	0.031	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.094	U	0.1	UJ
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.017	J	0.047	U	0.05	UJ
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UJ	0.047	U	0.05	UJ
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U			0.047	U	0.05	UJ
Beta-BHC	319-85-7	0.05	U	0.05	U	0.0028	JP	0.05	U	0.05	U	0.05	UJ	0.047	U	0.05	UJ
Delta-BHC	319-86-8	0.05	U	0.05	U	0.001	JP	0.05	U	0.05	U	R		0.047	U	0.05	UJ
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.094	U	0.1	UJ
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UJ	0.047	U	0.05	UJ
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.094	U	0.1	UJ
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.094	U	0.1	UJ
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.094	U	0.1	UJ
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.094	U	0.1	UJ
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.00093	JP	0.1	U	0.1	U	0.1	UJ	0.094	U	0.1	UJ
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UJ	0.047	U	0.05	UJ
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U			0.047	U	0.05	UJ
Heptachlor	76-44-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.022	J	0.047	U	0.05	UJ
Heptachlor Epoxide	1024-57-3	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UJ	0.047	U	0.05	UJ
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.47	U	0.5	UJ
Toxaphene	8001-35-2	5	U	5	U	5	U	5	U	5	U	2.5	UJ	4.7	U	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
	Sample Location	MW6		MW6		MW6		MW6		MW6		MW6		MW6	
	Sample ID	80018-GW-MW6S-0309		80018-GW-DUP109-0609		80018-GW-MW6S-0609		80018-GW-MW6S-0909		80018-GW-MW6S-1209		80018-GW-MW6S-0310		80018-GW-MW6S-0610	
	Risk Zone	F*		F*		F*		F*		F*		F*		F*	
	Top Depth														
	Bottom Depth														
	Sample Date	3/4/2009 9:00:00 AM		6/16/2009 9:35:00 AM		6/16/2009 9:30:00 AM		9/2/2009 4:32:00 PM		12/2/2009 1:05:00 PM		3/11/2010 11:15:00 AM		6/22/2010 4:30:00 PM	
	Sample Type	N		FD		N		N		N		N		N	
	Field Duplicate Parent			80018-GW-MW6S-0609											
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.0016	J	0.1	U
4,4'-DDT	50-29-3	0.1	UJ	0.1	U	0.1	U	0.0035	J	0.1	U	0.00094	J	0.1	U
Aldrin	309-00-2	0.05	UJ	0.05	U	0.05	U	R		0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	UJ	0.05	U	0.05	U	R		0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U	0.0034	J	0.05	U
Dieldrin	60-57-1	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	UJ	0.05	U	0.05	U	R		0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Methoxychlor	72-43-5	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
Sample ID		80018-GW-MW6S-1010		GW-060904-BC-007		80018-GW-MW6D-1208		80018-GW-MW6D-0309		80018-GW-MW6D-0609		80018-GW-MW6D-0909		80018-GW-DUP02-1209		80018-GW-MW6D-1209	
Risk Zone		F*		F*		F*		F*		F*		F*		F*		F*	
Top Depth																	
Bottom Depth																	
Sample Date		10/5/2010 2:30:00 PM		6/9/2004 1:00:00 PM		12/18/2008 5:20:00 PM		3/3/2009 3:30:00 PM		6/16/2009 1:55:00 PM		9/2/2009 1:10:00 PM		12/2/2009 10:00:00 AM		12/2/2009 9:00:00 AM	
Sample Type		N		N		N		N		N		N		FD		N	
Field Duplicate Parent														80018-GW-MW6D-1209			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.15	UJ	0.096	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	UJ	0.096	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	UJ	0.096	U	0.1	U	0.1	U	0.005	J	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	UJ	0.048	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	UJ	0.048	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U			0.048	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.05	UJ	0.048	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UJ
Delta-BHC	319-86-8	0.05	U	R		0.048	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	UJ	0.096	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	UJ	0.048	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	UJ	0.096	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	UJ	0.096	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	UJ	0.096	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	UJ	0.096	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	UJ	0.096	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	UJ	0.048	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U			0.048	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.05	UJ	0.048	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.05	UJ	0.048	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Methoxychlor	72-43-5	0.5	U	0.5	UJ	0.48	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	2.5	UJ	4.8	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		41 Dunbar St.	
	Sample Location	MW6D		MW6D		MW6D		MW6D		MW6D		MW6D		MW9D	
	Sample ID	80018-GW-DUP02-0310		80018-GW-MW6D-0310		80018-GW-DUP02-0610		80018-GW-MW6D-0610		80018-GW-DUP01-1010		80018-GW-MW6D-1010		80018-GW-MW9D-1208	
	Risk Zone	F*		F*		F*		F*		F*		F*		D1*	
	Top Depth														
	Bottom Depth														
	Sample Date	3/11/2010 10:20:00 AM		3/11/2010 10:15:00 AM		6/22/2010 11:10:00 AM		6/22/2010 11:00:00 AM		10/5/2010 10:00:00 AM		10/5/2010 9:55:00 AM		12/15/2008 12:10:00 PM	
	Sample Type	FD		N		FD		N		FD		N		N	
	Field Duplicate Parent	80018-GW-MW6D-0310				80018-GW-MW6D-0610				80018-GW-MW6D-1010					
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.0013	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.084	J	0.056	J	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.00039	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW9D		MW9D		MW9D		MW9D		MW9D		MW9D		MW9D	
Sample ID		80018-GW-MW9D-0309		80018-GW-MW9D-0609		80018-GW-MW9D-0909		80018-GW-MW9D-1209		80018-GW-MW9D-0310		80018-GW-MW9D-0610		80018-GW-MW9D-1010	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		3/5/2009 2:10:00 PM		6/17/2009 9:10:00 AM		9/2/2009 12:05:00 PM		12/3/2009 9:05:00 AM		3/10/2010 12:45:00 PM		6/23/2010 2:55:00 PM		10/5/2010 3:10:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.06	J	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.0034	J	0.092	J	0.1	U	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.05	U	0.002	J	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.05	U	0.05	U	0.05	UJ	0.0029	J	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.00053	J	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.00044	J	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	R		0.1	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.0028	JB	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.05	U	0.05	U	0.05	U	0.0022	J	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.05	U	0.001	J	0.05	U	0.05	U	0.05	U	0.05	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
	Sample Location	MW9S		MW9S		MW9S		MW9S		MW9S		MW9S		MW9S	
	Sample ID	80018-GW-MW9S-1208		80018-GW-MW9S-0309		80018-GW-MW9S-0609		80018-GW-MW9S-0909		80018-GW-MW9S-1209		80018-GW-MW9S-0310		80018-GW-MW9S-0610	
	Risk Zone	D1*		D1*		D1*		D1*		D1*		D1*		D1*	
	Top Depth														
	Bottom Depth														
	Sample Date	12/15/2008 3:35:00 PM		3/5/2009 10:00:00 AM		6/17/2009 12:50:00 PM		9/2/2009 9:25:00 AM		12/3/2009 1:25:00 PM		3/11/2010 11:15:00 AM		6/23/2010 11:25:00 AM	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.094	U	0.1	U	0.1	U	R		0.1	U	0.1	U	0.1	U
Aldrin	309-00-2	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.047	U	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
Delta-BHC	319-86-8	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.0031	J	0.05	U
Dieldrin	60-57-1	0.094	U	0.1	U	0.1	U	0.0019	J	0.1	U	0.00032	J	0.1	U
Endosulfan I	959-98-8	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.094	U	0.1	U	0.1	U	R		0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.0045	J	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.047	U	0.05	U	R		0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.047	U	0.05	U	0.05	U	0.0059	J	0.05	U	0.00049	J	0.05	U
Methoxychlor	72-43-5	0.47	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	4.7	U	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW9S		MW4		MW4		MW4		MW4		MW4		MW4		MW4	
Sample ID		80018-GW-MW9S-1010		GW-061004-DK-002		GW-061004-DK-003		80018-GW-MW4S-1208		80018-GW-MW4S-0309		80018-GW-MW4S-0609		80018-GW-MW4S-0909		80018-GW-MW4S-1209	
Risk Zone		D1*		I*		I*		I*		I*		I*		I*		I*	
Top Depth																	
Bottom Depth																	
Sample Date		10/5/2010 5:25:00 PM		6/10/2004 3:00:00 PM		6/10/2004 2:00:00 PM		12/17/2008 2:30:00 PM		3/4/2009 10:00:00 AM		6/17/2009 3:20:00 PM		9/1/2009 2:15:00 PM		12/1/2009 11:55:00 AM	
Sample Type		N		N		FD		N		N		N		N		N	
Field Duplicate Parent						GW-061004-DK-002											
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.17	U	0.17	U	0.098	U	0.1	U	0.1	U	0.1	UJ	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.11	U	0.11	U	0.098	U	0.1	U	0.1	U	0.1	UJ	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.11	U	0.11	U	0.098	U	0.1	U	0.1	U	R		0.13	
Aldrin	309-00-2	0.05	U	0.056	U	0.056	U	0.049	U	0.05	U	0.05	U	0.05	UJ	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.056	U	0.056	U	0.049	U	0.05	U	0.05	U	0.05	UJ	0.05	U
Alpha-Chordane	5103-71-9	0.05	U					0.049	U	0.05	U	0.05	U	0.05	UJ	0.1	J
Beta-BHC	319-85-7	0.05	U	0.056	U	0.056	U	0.049	U	0.05	U	0.05	U	0.05	UJ	0.05	U
Delta-BHC	319-86-8	0.05	U	R		R		0.049	U	0.05	U	0.05	U	0.05	UJ	0.05	U
Dieldrin	60-57-1	0.1	U	0.11	U	0.11	U	0.098	U	0.1	U	0.1	U	0.1	UJ	0.1	U
Endosulfan I	959-98-8	0.05	U	0.056	U	0.056	U	0.049	U	0.05	U	0.05	U	0.05	UJ	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.11	U	0.11	U	0.098	U	0.1	U	0.1	U	0.1	UJ	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.11	U	0.11	U	0.098	U	0.1	U	0.1	U	0.1	UJ	0.1	U
Endrin	72-20-8	0.1	U	0.11	U	0.11	U	0.098	U	0.1	U	0.1	U	0.1	UJ	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.11	U	0.11	U	0.098	U	0.1	U	0.1	U	0.1	UJ	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.11	U	0.11	U	0.098	U	0.1	U	0.1	U	0.1	UJ	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.056	U	0.056	U	0.049	U	0.05	U	0.05	U	0.05	UJ	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U					0.049	U	0.05	U	0.05	U	0.05	UJ	0.11	
Heptachlor	76-44-8	0.05	U	0.056	U	0.056	U	0.049	U	0.05	U	R		0.05	UJ	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.056	U	0.056	U	0.049	U	0.05	U	0.05	U	0.05	UJ	0.05	U
Methoxychlor	72-43-5	0.5	U	0.56	U	0.56	U	0.49	U	0.5	U	0.5	U	0.5	UJ	0.5	U
Toxaphene	8001-35-2	5	U	2.8	U	2.8	U	4.9	U	5	U	5	U	5	UJ	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

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B - Substance was detected in a blank

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4		MW4		MW4		MW4D		MW4D		MW4D		MW4D		MW4D	
Sample ID		80018-GW-MW4S-0310		80018-GW-MW4S-0610		80018-GW-MW4S-1010		GW-060904-BC-005		80018-GW-MW4D-1208		80018-GW-MW4D-0309		80018-GW-MW4D-0609		80018-GW-MW4D-0909	
Risk Zone		I*		I*		I*		I*		I*		I*		I*		I*	
Top Depth																	
Bottom Depth																	
Sample Date		3/9/2010 2:55:00 PM		6/22/2010 3:45:00 PM		10/6/2010 9:45:00 AM		6/9/2004 6:05:00 PM		12/18/2008 11:20:00 AM		3/3/2009 3:10:00 PM		6/18/2009 9:25:00 AM		9/3/2009 10:17:00 AM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	UJ	0.1	U	0.1	U	0.15	UJ	0.098	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	UJ	0.098	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	UJ	0.098	U	0.1	U	0.1	U	0.0036	J
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	UJ	0.049	U	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	UJ	0.049	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U			0.049	U	0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.05	UJ	0.049	U	0.05	U	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	UJ	0.05	U	0.05	U	R		0.049	U	0.05	U	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	UJ	0.098	U	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	UJ	0.049	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	UJ	0.098	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	UJ	0.098	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	UJ	0.098	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	UJ	0.098	U	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	UJ	0.098	U	0.1	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	UJ	0.049	U	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U			0.049	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	UJ	0.05	U	0.05	U	0.05	UJ	0.049	U	0.05	U	R		0.05	U
Heptachlor Epoxide	1024-57-3	0.00061	J	0.05	U	0.05	U	0.05	UJ	0.049	U	0.05	U	0.05	U	R	
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	UJ	0.49	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	2.5	UJ	4.9	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

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B - Substance was detected in a blank

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
	Sample Location	MW4D		MW4D		MW4D		MW4D		MW8D		MW8D		MW8D	
	Sample ID	80018-GW-MW4D-1209		80018-GW-MW4D-0310		80018-GW-MW4D-0610		80018-GW-MW4D-1010		80018-GW-DUP107-1208		80018-GW-MW8D-1208		80018-GW-MW8D-0309	
	Risk Zone	I*		I*		I*		I*		I*		I*		I*	
	Top Depth														
	Bottom Depth														
	Sample Date	12/1/2009 10:10:00 AM		3/9/2010 11:25:00 AM		6/23/2010 10:50:00 AM		10/6/2010 11:10:00 AM		12/16/2008 1:35:00 PM		12/16/2008 1:30:00 PM		3/6/2009 1:40:00 PM	
	Sample Type	N		N		N		N		FD		N		N	
	Field Duplicate Parent									80018-GW-MW8D-1208					
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.0034	J	0.1	U	0.1	U	0.1	U	0.095	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	U	0.052	U	0.048	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	U	0.052	U	0.048	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	U	0.052	U	0.048	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.05	U	0.052	U	0.048	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.0012	J	0.05	U	0.05	U	0.052	U	0.048	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	U	0.052	U	0.048	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.0068	J	0.1	U	0.1	U	0.1	U	0.095	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.0016	J	0.1	U	0.1	U	0.1	U	0.095	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	U	0.052	U	0.048	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U	0.05	U	0.052	U	0.048	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.00082	J	0.05	U	0.05	U	0.052	U	0.048	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.0021	J	0.05	U	0.05	U	0.052	U	0.048	U	0.05	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	U	0.52	U	0.48	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5	U	5.2	U	4.8	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

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B - Substance was detected in a blank

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D	
Sample ID		80018-GW-MW8D-0609		80018-GW-DUP02-0909		80018-GW-MW8D-0909		80018-GW-DUP01-1209		80018-GW-MW8D-1209		80018-GW-DUP01-0310		80018-GW-MW8D-0310	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/17/2009 10:30:00 AM		9/2/2009 9:30:00 AM		9/2/2009 9:05:00 AM		12/1/2009 12:20:00 PM		12/1/2009 11:55:00 AM		3/9/2010 3:45:00 PM		3/9/2010 3:40:00 PM	
Sample Type		N		FD		N		FD		N		FD		N	
Field Duplicate Parent				80018-GW-MW8D-0909				80018-GW-MW8D-1209				80018-GW-MW8D-0310			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	UJ
Delta-BHC	319-86-8	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	UJ	0.05	U
Heptachlor	76-44-8	R		0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	UJ
Heptachlor Epoxide	1024-57-3	0.05	U	R		0.011	J	0.05	UJ	0.05	UJ	0.05	U	0.05	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5	UJ	5	UJ	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
	Sample Location	MW8D		MW8D		MW8D		MW8S		MW8S		MW8S		MW8S	
	Sample ID	80018-GW-DUP01-0610		80018-GW-MW8D-0610		80018-GW-MW8D-1010		80018-GW-MW8S-1208		80018-GW-MW8S-0309		80018-GW-MW8S-0609		80018-GW-MW8S-0909	
	Risk Zone	I*		I*		I*		I*		I*		I*		I*	
	Top Depth														
	Bottom Depth														
	Sample Date	6/22/2010 1:50:00 PM		6/22/2010 1:45:00 PM		10/4/2010 5:30:00 PM		12/17/2008 10:20:00 AM		3/6/2009 9:25:00 AM		6/17/2009 8:20:00 AM		9/2/2009 12:35:00 PM	
	Sample Type	FD		N		N		N		N		N		N	
	Field Duplicate Parent	80018-GW-MW8D-0610													
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	R		0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U	0.0047	J
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.51	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5.1	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
	Sample Location	MW8S		MW8S		MW8S		MW8S		MW10		MW10		MW10	
	Sample ID	80018-GW-MW8S-1209		80018-GW-MW8S-0310		80018-GW-MW8S-0610		80018-GW-MW8S-1010		80018-GW-MW10-1208		80018-GW-DUP110-0309		80018-GW-MW10-0309	
	Risk Zone	I*		I*		I*		I*		H*		H*		H*	
	Top Depth														
	Bottom Depth														
	Sample Date	12/1/2009 8:55:00 AM		3/9/2010 11:40:00 AM		6/22/2010 4:20:00 PM		10/4/2010 6:04:00 PM		12/16/2008 2:55:00 PM		3/4/2009 2:05:00 PM		3/4/2009 2:00:00 PM	
	Sample Type	N		N		N		N		N		FD		N	
	Field Duplicate Parent											80018-GW-MW10-0309			
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.00038	J	0.033	J	0.05	U	0.047	U	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.00091	J	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.0016	J	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	U	0.47	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5	U	4.7	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		9 Store Ave.	
	Sample Location	MW10		MW10		MW10		MW10		MW10		MW10		MW7D	
	Sample ID	80018-GW-MW10-0609		80018-GW-MW10-0909		80018-GW-MW10-1209		80018-GW-MW10-0310		80018-GW-MW10-0610		80018-GW-MW10-1010		80018-GW-MW7D-1208	
	Risk Zone	H*		H*		H*		H*		H*		H*		F*	
	Top Depth														
	Bottom Depth														
	Sample Date	6/15/2009 5:40:00 PM		9/2/2009 3:40:00 PM		12/3/2009 10:15:00 AM		3/12/2010 9:20:00 AM		6/23/2010 1:50:00 PM		10/7/2010 11:10:00 AM		12/15/2008 1:45:00 PM	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U
4,4'-DDT	50-29-3	0.1	U		R	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	UJ	0.0014	J	0.05	U	0.05	U	0.048	U
Delta-BHC	319-86-8	0.05	U	0.05	U	0.05	U	0.0019	J	0.05	U	0.05	U	0.048	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.0042	J	0.1	U	0.1	U	0.095	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U
Heptachlor	76-44-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.048	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.05	U	0.05	U	0.00026	J	0.05	U	0.05	U	0.048	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.48	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5	U	5	U	5	U	4.8	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7D		MW7D		MW7D		MW7D		MW7D		MW7D		MW7D		MW7S	
Sample ID		80018-GW-MW7D-0309		80018-GW-MW7D-0609		80018-GW-MW7D-0909		80018-GW-MW7D-1209		80018-GW-MW7D-0310		80018-GW-MW7D-0610		80018-GW-MW7D-1010		80018-GW-MW7S-1208	
Risk Zone		F*		F*		F*		F*		F*		F*		F*		F*	
Top Depth																	
Bottom Depth																	
Sample Date		3/5/2009 1:15:00 PM		6/17/2009 10:20:00 AM		9/1/2009 2:55:00 PM		12/1/2009 2:30:00 PM		3/10/2010 2:05:00 PM		6/24/2010 6:00:00 PM		10/5/2010 10:40:00 AM		12/16/2008 10:10:00 AM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U
Alpha-BHC	319-84-6	0.05	U	0.05	U		R	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U
Delta-BHC	319-86-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.094	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U
Heptachlor	76-44-8	0.05	U		R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.05	U	0.0055	J	0.05	U	0.05	U	0.05	U	0.05	U	0.047	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.47	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U	4.7	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

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B - Substance was detected in a blank

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Appendix G
Analytical Data Summary
Pesticides in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
	Sample Location	MW7S		MW7S		MW7S		MW7S		MW7S		MW7S		MW7S	
	Sample ID	80018-GW-MW7S-0309		80018-GW-MW7S-0609		80018-GW-MW7S-0809		80018-GW-MW7S-1209		80018-GW-MW7S-0310		80018-GW-MW7S-0610		80018-GW-MW7S-1010	
	Risk Zone	F*		F*		F*		F*		F*		F*		F*	
	Top Depth														
	Bottom Depth														
	Sample Date	3/5/2009 10:00:00 AM		6/17/2009 1:30:00 PM		8/31/2009 3:40:00 PM		12/1/2009 11:45:00 AM		3/10/2010 3:05:00 PM		6/24/2010 10:10:00 AM		10/5/2010 10:00:00 AM	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.048	J	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.082	J	0.1	U	0.1	U	0.1	U
Aldrin	309-00-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Beta-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Delta-BHC	319-86-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dieldrin	60-57-1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan I	959-98-8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Endosulfan II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Aldehyde	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin Ketone	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Gamma-Chlordane	5103-74-2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor	76-44-8	0.05	U	R		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	1024-57-3	0.05	U	0.05	U	0.006	J	0.05	U	0.05	U	0.05	U	0.05	U
Methoxychlor	72-43-5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toxaphene	8001-35-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3		MW3		MW3		MW3	
Sample ID		GW-060904-DK-001		80018-GW-DUP108-1208		80018-GW-MW3S-1208		80018-GW-MW3S-0309		80018-GW-MW3S-0609		80018-GW-MW3S-0909		80018-GW-MW3S-1209	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		6/9/2004 2:45:00 PM		12/18/2008 12:00:00 PM		12/18/2008 10:45:00 AM		3/3/2009 10:50:00 AM		6/16/2009 12:20:00 PM		9/1/2009 2:15:00 PM		12/2/2009 10:30:00 AM	
Sample Type		N		FD		N		N		N		N		N	
Field Duplicate Parent				80018-GW-MW3S-1208											
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	0.11	UJ	0.96	U	0.98	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	0.21	UJ	0.96	U	0.98	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	0.11	UJ	0.96	U	0.98	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	0.11	UJ	0.96	U	0.98	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	0.11	UJ	0.96	U	0.98	U	1	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	0.11	UJ	0.96	U	0.98	U	1	U	1	U	1	U		R
Aroclor 1260	11096-82-5	0.11	UJ	0.96	UJ	0.98	UJ	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5			0.96	U	0.98	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4			0.96	U	0.98	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3B		MW3B		MW3B		MW3B	
Sample ID		80018-GW-MW3S-0310		80018-GW-MW3S-0610		80018-GW-MW3S-1010		80018-GW-MW3B-1208		80018-GW-MW3B-0309		80018-GW-MW3B-0609		80018-GW-MW3B-0909	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 4:55:00 PM		6/24/2010 12:50:00 PM		10/7/2010 9:50:00 AM		12/18/2008 3:25:00 PM		3/3/2009 3:05:00 PM		6/16/2009 2:20:00 PM		9/1/2009 12:30:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Sample Location	MW3B		MW3B		MW3B		MW3B		MW3D		MW3D		MW3D		MW3D	
	Sample ID	80018-GW-MW3B-1209		80018-GW-MW3B-0310		80018-GW-MW3B-0610		80018-GW-MW3B-1010		GW-061004-DK-004		80018-GW-MW3D-1208		80018-GW-MW3D-0309		80018-GW-MW3D-0609	
	Risk Zone	J*		J*		J*		J*		J*		J*		J*		J*	
	Top Depth																
	Bottom Depth																
	Sample Date	12/2/2009 4:20:00 PM		3/9/2010 3:00:00 PM		6/25/2010 10:30:00 AM		10/7/2010 4:05:00 PM		6/10/2004 7:30:00 PM		12/21/2008 10:25:00 AM		3/4/2009 9:25:00 AM		6/16/2009 9:00:00 AM	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	0.11	U	1.1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	0.22	U	1.1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	0.11	U	1.1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	0.11	U	1.1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	0.11	U	1.1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	1	U	0.11	U	1.1	U	1	U	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	0.11	U	1.1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U			1.1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U			1.1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3																

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

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B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.	
Sample Location		MW3D		MW3D		MW3D		MW3D		MW3D		MW3D		MW11D	
Sample ID		80018-GW-MW3D-0909		80018-GW-MW3D-1209		80018-GW-MW3D-0310		80018-GW-MW3D-0610		80018-GW-DUP02-1010		80018-GW-MW3D-1010		80018-GW-MW11D-1208	
Risk Zone		J*		J*		J*		J*		J*		J*		E1*	
Top Depth															
Bottom Depth															
Sample Date		8/31/2009 10:15:00 AM		12/2/2009 12:50:00 PM		3/9/2010 10:25:00 AM		6/24/2010 10:05:00 AM		10/7/2010 12:25:00 PM		10/7/2010 12:20:00 PM		12/15/2008 1:35:00 PM	
Sample Type		N		N		N		N		FD		N		N	
Field Duplicate Parent										80018-GW-MW3D-1010					
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	U	0.98	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	U	0.98	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	U	0.98	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	U	0.98	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	1	U	0.98	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	1	U	1	U	1	U	0.98	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	1	U	0.98	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	U	0.98	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	U	0.98	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D	
Sample ID		80018-GW-MW11D-0309		80018-GW-DUP110-0609		80018-GW-MW11D-0609		80018-GW-MW11D-0909		80018-GW-MW11D-1209		80018-GW-MW11D-0310		80018-GW-MW11D-0610	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		3/5/2009 3:50:00 PM		6/16/2009 12:05:00 PM		6/16/2009 12:25:00 PM		9/2/2009 9:46:00 AM		12/2/2009 11:10:00 AM		3/11/2010 2:05:00 PM		6/21/2010 4:35:00 PM	
Sample Type		N		FD		N		N		N		N		N	
Field Duplicate Parent				80018-GW-MW11D-0609											
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	10		1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	1	U	30	JD	1	U	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3									40					

Notes:

µg/L - Micrograms per Liter (part per billion)

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Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11S		MW11S		MW11S		MW11S		MW11S		MW11S	
Sample ID		80018-GW-MW11D-1010		80018-GW-MW11S-1208		80018-GW-MW11S-0309		80018-GW-MW11S-0609		80018-GW-MW11S-0909		80018-GW-MW11S-1209		80018-GW-MW11S-0310	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		10/6/2010 3:15:00 PM		12/16/2008 1:20:00 PM		3/6/2009 4:30:00 PM		6/16/2009 4:10:00 PM		9/1/2009 5:00:00 PM		12/2/2009 2:20:00 PM		3/11/2010 10:40:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1260	11096-82-5	1	U	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	0.96	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

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Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11S		MW11S		MW12D		MW12D		MW12D		MW12D		MW12D	
Sample ID		80018-GW-MW11S-0610		80018-GW-MW11S-1010		80018-GW-MW12D-1208		80018-GW-MW12D-0309		80018-GW-MW12D-0609		80018-GW-DUP01-0809		80018-GW-MW12D-0809	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		6/23/2010 4:15:00 PM		10/7/2010 8:30:00 AM		12/17/2008 2:10:00 PM		3/6/2009 10:20:00 AM		6/15/2009 4:30:00 PM		8/31/2009 4:35:00 PM		8/31/2009 4:30:00 PM	
Sample Type		N		N		N		N		N		FD		N	
Field Duplicate Parent												80018-GW-MW12D-0809			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	0.94	U	1	U	1	U	1	UJ	1	U
Aroclor 1221	11104-28-2	1	U	1	U	0.94	U	1	U	1	U	1	UJ	1	U
Aroclor 1232	11141-16-5	1	U	1	U	0.94	U	1	U	1	U	1	UJ	1	U
Aroclor 1242	53469-21-9	1	U	1	U	0.94	U	1	U	1	U	1	UJ	1	U
Aroclor 1248	12672-29-6	1	U	1	U	0.94	U	1	U	1	U	1	UJ	1	U
Aroclor 1254	11097-69-1	1	U	1	U	0.94	U	1	U	1	U	1	UJ	1	U
Aroclor 1260	11096-82-5	1	U	1	U	0.94	UJ	1	U	1	U	1	UJ	1	U
Aroclor 1262	37324-23-5	1	U	1	U	0.94	U	1	U	1	U	1	UJ	1	U
Aroclor 1268	11100-14-4	1	U	1	U	0.94	U	1	U	1	U	1	UJ	1	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

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Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW12D		MW12D		MW12D		MW12D		MW12S		MW12S		MW12S	
Sample ID		80018-GW-MW12D-1209		80018-GW-MW12D-0310		80018-GW-MW12D-0610		80018-GW-MW12D-1010		80018-GW-MW12S-1208		80018-GW-MW12S-0309		80018-GW-MW12S-0609	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		11/30/2009 4:10:00 PM		3/11/2010 4:25:00 PM		6/22/2010 10:20:00 AM		10/6/2010 3:30:00 PM		12/17/2008 11:50:00 AM		3/6/2009 12:20:00 PM		6/16/2009 8:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U
Aroclor 1254	11097-69-1		R	1	U	1	U	1	U	1	U	1	UJ	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
	Sample Location	MW12S		MW12S		MW12S		MW12S		MW5		MW5		MW5		MW5	
	Sample ID	80018-GW-MW12S-0909		80018-GW-MW12S-0310		80018-GW-MW12S-0610		80018-GW-MW12S-1010		GW-060904-BC-001		80018-GW-MW5-1208		80018-GW-MW5-0309		80018-GW-MW5-0609	
	Risk Zone	E1*		E1*		E1*		E1*		G*		G*		G*		G*	
	Top Depth																
	Bottom Depth																
	Sample Date	9/1/2009 8:00:00 AM		3/8/2010 4:40:00 PM		6/22/2010 11:25:00 AM		10/6/2010 4:05:00 PM		6/9/2004 7:50:00 AM		12/18/2008 3:15:00 PM		3/6/2009 10:35:00 AM		6/18/2009 8:25:00 AM	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	UJ	1	U	0.1	UJ	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	UJ	1	U	0.2	UJ	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	UJ	1	U	0.1	UJ	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	UJ	1	U	0.1	UJ	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	UJ	1	U	0.1	UJ	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	1	UJ	1	U	0.1	UJ	1	U	1	U	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	UJ	1	U	0.1	UJ	1	UJ	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	UJ	1	U			1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	UJ	1	U			1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3																

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW5		MW5		MW5		MW5		MW5		MW6		MW6		MW6	
Sample ID		80018-GW-MW5-0909		80018-GW-MW5-1209		80018-GW-MW5-0310		80018-GW-MW5-0610		80018-GW-MW5-1010		GW-060904-BC-006		80018-GW-MW6S-1208		80018-GW-DUP109-0309	
Risk Zone		G*		G*		G*		G*		G*		F*		F*		F*	
Top Depth																	
Bottom Depth																	
Sample Date		9/3/2009 8:45:00 AM		12/1/2009 2:55:00 PM		3/11/2010 2:55:00 PM		6/24/2010 10:30:00 AM		10/7/2010 9:35:00 AM		6/9/2004 3:05:00 PM		12/17/2008 1:45:00 PM		3/4/2009 9:05:00 AM	
Sample Type		N		N		N		N		N		N		N		FD	
Field Duplicate Parent																80018-GW-MW6S-0309	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	0.1	UJ	0.94	U	1	UJ
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	0.2	UJ	0.94	U	1	UJ
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	0.1	UJ	0.94	U	1	UJ
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	0.1	UJ	0.94	U	1	UJ
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	0.1	UJ	0.94	U	1	UJ
Aroclor 1254	11097-69-1	1	U		R	1	U	1	U	1	U	0.1	UJ	0.94	U	1	UJ
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	0.1	UJ	0.94	UJ	1	UJ
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U			0.94	U	1	UJ
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U			0.94	U	1	UJ
Polychlorinated Biphenyls	1336-36-3																

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
	Sample Location	MW6		MW6		MW6		MW6		MW6		MW6		MW6	
	Sample ID	80018-GW-MW6S-0309		80018-GW-DUP109-0609		80018-GW-MW6S-0609		80018-GW-MW6S-0909		80018-GW-MW6S-1209		80018-GW-MW6S-0310		80018-GW-MW6S-0610	
	Risk Zone	F*		F*		F*		F*		F*		F*		F*	
	Top Depth														
	Bottom Depth														
	Sample Date	3/4/2009 9:00:00 AM		6/16/2009 9:35:00 AM		6/16/2009 9:30:00 AM		9/2/2009 4:32:00 PM		12/2/2009 1:05:00 PM		3/11/2010 11:15:00 AM		6/22/2010 4:30:00 PM	
	Sample Type	N		FD		N		N		N		N		N	
	Field Duplicate Parent			80018-GW-MW6S-0609											
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	UJ	1	U	1	U	1	U	R		1	U	1	U
Aroclor 1260	11096-82-5	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
Sample ID		80018-GW-MW6S-1010		GW-060904-BC-007		80018-GW-MW6D-1208		80018-GW-MW6D-0309		80018-GW-MW6D-0609		80018-GW-MW6D-0909		80018-GW-DUP02-1209		80018-GW-MW6D-1209	
Risk Zone		F*		F*		F*		F*		F*		F*		F*		F*	
Top Depth																	
Bottom Depth																	
Sample Date		10/5/2010 2:30:00 PM		6/9/2004 1:00:00 PM		12/18/2008 5:20:00 PM		3/3/2009 3:30:00 PM		6/16/2009 1:55:00 PM		9/2/2009 1:10:00 PM		12/2/2009 10:00:00 AM		12/2/2009 9:00:00 AM	
Sample Type		N		N		N		N		N		N		FD		N	
Field Duplicate Parent														80018-GW-MW6D-1209			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	0.1	UJ	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	0.2	UJ	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	0.1	UJ	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	0.1	UJ	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	0.1	UJ	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	0.1	UJ	0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1260	11096-82-5	1	U	0.44	UJ	0.96	UJ	1	U	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U			0.96	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U			0.96	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3																

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		41 Dunbar St.	
Sample Location		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D		MW9D	
Sample ID		80018-GW-DUP02-0310		80018-GW-MW6D-0310		80018-GW-DUP02-0610		80018-GW-MW6D-0610		80018-GW-DUP01-1010		80018-GW-MW6D-1010		80018-GW-MW9D-1208	
Risk Zone		F*		F*		F*		F*		F*		F*		D1*	
Top Depth															
Bottom Depth															
Sample Date		3/11/2010 10:20:00 AM		3/11/2010 10:15:00 AM		6/22/2010 11:10:00 AM		6/22/2010 11:00:00 AM		10/5/2010 10:00:00 AM		10/5/2010 9:55:00 AM		12/15/2008 12:10:00 PM	
Sample Type		FD		N		FD		N		FD		N		N	
Field Duplicate Parent		80018-GW-MW6D-0310				80018-GW-MW6D-0610				80018-GW-MW6D-1010					
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	U	0.94	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	U	0.94	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	U	0.94	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	U	0.94	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	1	U	0.94	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	1	U	1	U	1	U	0.94	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	1	U	0.94	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	U	0.94	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	U	0.94	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW9D		MW9D		MW9D		MW9D		MW9D		MW9D		MW9D	
Sample ID		80018-GW-MW9D-0309		80018-GW-MW9D-0609		80018-GW-MW9D-0909		80018-GW-MW9D-1209		80018-GW-MW9D-0310		80018-GW-MW9D-0610		80018-GW-MW9D-1010	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		3/5/2009 2:10:00 PM		6/17/2009 9:10:00 AM		9/2/2009 12:05:00 PM		12/3/2009 9:05:00 AM		3/10/2010 12:45:00 PM		6/23/2010 2:55:00 PM		10/5/2010 3:10:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	0.87	J	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	1.5	J	1	U	1	U	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3							2.37							

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW9S		MW9S		MW9S		MW9S		MW9S		MW9S		MW9S	
Sample ID		80018-GW-MW9S-1208		80018-GW-MW9S-0309		80018-GW-MW9S-0609		80018-GW-MW9S-0909		80018-GW-MW9S-1209		80018-GW-MW9S-0310		80018-GW-MW9S-0610	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		12/15/2008 3:35:00 PM		3/5/2009 10:00:00 AM		6/17/2009 12:50:00 PM		9/2/2009 9:25:00 AM		12/3/2009 1:25:00 PM		3/11/2010 11:15:00 AM		6/23/2010 11:25:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	0.94	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	0.94	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	0.94	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	0.94	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	0.94	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	0.94	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1260	11096-82-5	0.94	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	0.94	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	0.94	U	1	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW9S		MW4		MW4		MW4		MW4		MW4		MW4		MW4	
Sample ID		80018-GW-MW9S-1010		GW-061004-DK-002		GW-061004-DK-003		80018-GW-MW4S-1208		80018-GW-MW4S-0309		80018-GW-MW4S-0609		80018-GW-MW4S-0909		80018-GW-MW4S-1209	
Risk Zone		D1*		I*		I*		I*		I*		I*		I*		I*	
Top Depth																	
Bottom Depth																	
Sample Date		10/5/2010 5:25:00 PM		6/10/2004 3:00:00 PM		6/10/2004 2:00:00 PM		12/17/2008 2:30:00 PM		3/4/2009 10:00:00 AM		6/17/2009 3:20:00 PM		9/1/2009 2:15:00 PM		12/1/2009 11:55:00 AM	
Sample Type		N		N		FD		N		N		N		N		N	
Field Duplicate Parent						GW-061004-DK-002											
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	0.11	U	0.11	U	0.95	U	1	U	1	U	1	UJ	1	U
Aroclor 1221	11104-28-2	1	U	0.22	U	0.22	U	0.95	U	1	U	1	U	1	UJ	1	U
Aroclor 1232	11141-16-5	1	U	0.11	U	0.11	U	0.95	U	1	U	1	U	1	UJ	1	U
Aroclor 1242	53469-21-9	1	U	0.11	U	0.11	U	0.95	U	1	U	1	U	1	UJ	1	U
Aroclor 1248	12672-29-6	1	U	0.11	U	0.11	U	0.95	U	1	U	1	U	1	UJ	1	U
Aroclor 1254	11097-69-1	1	U	0.11	U	0.11	U	0.95	U	1	U	1	U	1	UJ	R	
Aroclor 1260	11096-82-5	1	U	0.11	U	0.11	U	0.95	UJ	1	U	1	U	1	UJ	1	U
Aroclor 1262	37324-23-5	1	U					0.95	U	1	U	1	U	1	UJ	1	U
Aroclor 1268	11100-14-4	1	U					0.95	U	1	U	1	U	1	UJ	1	U
Polychlorinated Biphenyls	1336-36-3																

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4		MW4		MW4		MW4D		MW4D		MW4D		MW4D		MW4D	
Sample ID		80018-GW-MW4S-0310		80018-GW-MW4S-0610		80018-GW-MW4S-1010		GW-060904-BC-005		80018-GW-MW4D-1208		80018-GW-MW4D-0309		80018-GW-MW4D-0609		80018-GW-MW4D-0909	
Risk Zone		I*		I*		I*		I*		I*		I*		I*		I*	
Top Depth																	
Bottom Depth																	
Sample Date		3/9/2010 2:55:00 PM		6/22/2010 3:45:00 PM		10/6/2010 9:45:00 AM		6/9/2004 6:05:00 PM		12/18/2008 11:20:00 AM		3/3/2009 3:10:00 PM		6/18/2009 9:25:00 AM		9/3/2009 10:17:00 AM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	0.1	UJ	0.98	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	0.2	UJ	0.98	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	0.1	UJ	0.98	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	0.1	UJ	0.98	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	0.1	UJ	0.98	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	0.1	UJ	0.98	U	1	U	1	U	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	0.1	UJ	0.98	UJ	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U			0.98	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U			0.98	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3																

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4D		MW4D		MW4D		MW4D		MW8D		MW8D		MW8D	
Sample ID		80018-GW-MW4D-1209		80018-GW-MW4D-0310		80018-GW-MW4D-0610		80018-GW-MW4D-1010		80018-GW-DUP107-1208		80018-GW-MW8D-1208		80018-GW-MW8D-0309	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		12/1/2009 10:10:00 AM		3/9/2010 11:25:00 AM		6/23/2010 10:50:00 AM		10/6/2010 11:10:00 AM		12/16/2008 1:35:00 PM		12/16/2008 1:30:00 PM		3/6/2009 1:40:00 PM	
Sample Type		N		N		N		N		FD		N		N	
Field Duplicate Parent										80018-GW-MW8D-1208					
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1		R	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1260	11096-82-5	0.23	J	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3	0.23													

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
	Sample Location	MW8D		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D	
	Sample ID	80018-GW-MW8D-0609		80018-GW-DUP02-0909		80018-GW-MW8D-0909		80018-GW-DUP01-1209		80018-GW-MW8D-1209		80018-GW-DUP01-0310		80018-GW-MW8D-0310	
	Risk Zone	I*		I*		I*		I*		I*		I*		I*	
	Top Depth														
	Bottom Depth														
	Sample Date	6/17/2009 10:30:00 AM		9/2/2009 9:30:00 AM		9/2/2009 9:05:00 AM		12/1/2009 12:20:00 PM		12/1/2009 11:55:00 AM		3/9/2010 3:45:00 PM		3/9/2010 3:40:00 PM	
	Sample Type	N		FD		N		FD		N		FD		N	
	Field Duplicate Parent			80018-GW-MW8D-0909				80018-GW-MW8D-1209				80018-GW-MW8D-0310			
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	R		R		1	U	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8S		MW8S		MW8S		MW8S		MW8S	
Sample ID		80018-GW-DUP01-0610		80018-GW-MW8D-0610		80018-GW-MW8D-1010		80018-GW-MW8S-1208		80018-GW-MW8S-0309		80018-GW-MW8S-0609		80018-GW-MW8S-0909		80018-GW-MW8S-1209	
Risk Zone		I*		I*		I*		I*		I*		I*		I*		I*	
Top Depth																	
Bottom Depth																	
Sample Date		6/22/2010 1:50:00 PM		6/22/2010 1:45:00 PM		10/4/2010 5:30:00 PM		12/17/2008 10:20:00 AM		3/6/2009 9:25:00 AM		6/17/2009 8:20:00 AM		9/2/2009 12:35:00 PM		12/1/2009 8:55:00 AM	
Sample Type		FD		N		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW8D-0610															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	1	U	1	U	1	U	1	U		R
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3																

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
	Sample Location	MW8S		MW8S		MW8S		MW10		MW10		MW10	
	Sample ID	80018-GW-MW8S-0310		80018-GW-MW8S-0610		80018-GW-MW8S-1010		80018-GW-MW10-1208		80018-GW-DUP110-0309		80018-GW-MW10-0309		80018-GW-MW10-0609	
	Risk Zone	I*		I*		I*		H*		H*		H*		H*	
	Top Depth														
	Bottom Depth														
	Sample Date	3/9/2010 11:40:00 AM		6/22/2010 4:20:00 PM		10/4/2010 6:04:00 PM		12/16/2008 2:55:00 PM		3/4/2009 2:05:00 PM		3/4/2009 2:00:00 PM		6/15/2009 5:40:00 PM	
	Sample Type	N		N		N		N		FD		N		N	
	Field Duplicate Parent									80018-GW-MW10-0309					
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW10		MW10		MW10		MW10		MW10		MW7D		MW7D		MW7D	
Sample ID		80018-GW-MW10-0909		80018-GW-MW10-1209		80018-GW-MW10-0310		80018-GW-MW10-0610		80018-GW-MW10-1010		80018-GW-MW7D-1208		80018-GW-MW7D-0309		80018-GW-MW7D-0609	
Risk Zone		H*		H*		H*		H*		H*		F*		F*		F*	
Top Depth																	
Bottom Depth																	
Sample Date		9/2/2009 3:40:00 PM		12/3/2009 10:15:00 AM		3/12/2010 9:20:00 AM		6/23/2010 1:50:00 PM		10/7/2010 11:10:00 AM		12/15/2008 1:45:00 PM		3/5/2009 1:15:00 PM		6/17/2009 10:20:00 AM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	0.95	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	0.95	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	0.95	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	0.95	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	0.95	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	1	U	1	U	1	U	0.95	U	1	U	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	0.95	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	0.95	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	0.95	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3																

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7D		MW7D		MW7D		MW7D		MW7D		MW7S		MW7S	
Sample ID		80018-GW-MW7D-0909		80018-GW-MW7D-1209		80018-GW-MW7D-0310		80018-GW-MW7D-0610		80018-GW-MW7D-1010		80018-GW-MW7S-1208		80018-GW-MW7S-0309	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		9/1/2009 2:55:00 PM		12/1/2009 2:30:00 PM		3/10/2010 2:05:00 PM		6/24/2010 6:00:00 PM		10/5/2010 10:40:00 AM		12/16/2008 10:10:00 AM		3/5/2009 10:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	0.94	U	1	UJ
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	0.94	U	1	UJ
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	0.94	U	1	UJ
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	0.94	U	1	UJ
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	0.94	U	1	UJ
Aroclor 1254	11097-69-1	1	U	R		1	U	1	U	1	U	0.94	U	1	UJ
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	0.94	U	1	UJ
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	0.94	U	1	UJ
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	0.94	U	1	UJ
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
PCBs in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7S		MW7S		MW7S		MW7S		MW7S		MW7S	
Sample ID		80018-GW-MW7S-0609		80018-GW-MW7S-0809		80018-GW-MW7S-1209		80018-GW-MW7S-0310		80018-GW-MW7S-0610		80018-GW-MW7S-1010	
Risk Zone		F*		F*		F*		F*		F*		F*	
Top Depth													
Bottom Depth													
Sample Date		6/17/2009 1:30:00 PM		8/31/2009 3:40:00 PM		12/1/2009 11:45:00 AM		3/10/2010 3:05:00 PM		6/24/2010 10:10:00 AM		10/5/2010 10:00:00 AM	
Sample Type		N		N		N		N		N		N	
Field Duplicate Parent													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1254	11097-69-1	1	U	1	U	R		1	U	1	U	1	U
Aroclor 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3												

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3		MW3		MW3		MW3	
Sample ID		GW-060904-DK-001		80018-GW-DUP108-1208		80018-GW-MW3S-1208		80018-GW-MW3S-0309		80018-GW-MW3S-0609		80018-GW-MW3S-0909		80018-GW-MW3S-1209	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		6/9/2004 2:45:00 PM		12/18/2008 12:00:00 PM		12/18/2008 10:45:00 AM		3/3/2009 10:50:00 AM		6/16/2009 12:20:00 PM		9/1/2009 2:15:00 PM		12/2/2009 10:30:00 AM	
Sample Type		N		FD		N		N		N		N		N	
Field Duplicate Parent				80018-GW-MW3S-1208											
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	500	UJ	200	U	200	U	200	U	200	UJ	200	U	34.2	J
ANTIMONY	7440-36-0	20	UJ												
ARSENIC	7440-38-2	40	UJ												
BARIUM	7440-39-3	190	J	350	J	350	J	356		302	J	380		375	
BERYLLIUM	7440-41-7	5	UJ												
CADMIUM	7440-43-9	10	UJ												
CALCIUM	7440-70-2	108000	J	132000		134000		123000		101000		110000		120000	
CHROMIUM	7440-47-3	10	UJ	10	U	10	U	10	U	10	U	10	U	0.81	J
COBALT	7440-48-4	4.2	J												
COPPER	7440-50-8	25.6	J	45.2		45		28.7	U	25	U	19	J	34.7	
CYANIDE	57-12-5	31.9	J	11.9		14.7		13.5		13.4		5.5	J	10.2	
IRON	7439-89-6			7060		7040		8940		7930		8970		8140	
LEAD	7439-92-1	10	UJ	10	U	10	U	10	U	10	UJ	10	U	4.5	J
MAGNESIUM	7439-95-4			6360		6420		6940		5860		5740		6050	
MANGANESE	7439-96-5			556	J	566	J	539	J	495		511		567	
MERCURY	7439-97-6	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ
NICKEL	7440-02-0	63.2	J	58.9		64.3		36.7	J	18.1	J	16.4	J	36.4	J
POTASSIUM	7440-09-7			6950	J	6980	J	6680	J	6220	J	7090		7030	
SELENIUM	7782-49-2	30	UJ												
SILVER	7440-22-4	6	UJ	1	J	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5			16700		16800		16400	J	19800	J	19500		21300	
THALLIUM	7440-28-0	40	UJ												
VANADIUM	7440-62-2	108	J												
ZINC	7440-66-6	372	J	229		251		163	J	135	J	118		190	

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3B		MW3B		MW3B		MW3B	
Sample ID		80018-GW-MW3S-0310		80018-GW-MW3S-0610		80018-GW-MW3S-1010		80018-GW-MW3B-1208		80018-GW-MW3B-0309		80018-GW-MW3B-0609		80018-GW-MW3B-0909	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 4:55:00 PM		6/24/2010 12:50:00 PM		10/7/2010 9:50:00 AM		12/18/2008 3:25:00 PM		3/3/2009 3:05:00 PM		6/16/2009 2:20:00 PM		9/1/2009 12:30:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	660		795		200	U	172	J
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	298		320		398		28	J	24	J	22.5	J	18	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	113170		102610		128060		58200		37500		35700		35000	
CHROMIUM	7440-47-3	10	U	10	U	10	U	10	U	10	U	0.86	J	10	U
COBALT	7440-48-4														
COPPER	7440-50-8	17	J	26.9		49.5		25	U	25	U	25	U	25	U
CYANIDE	57-12-5	4.3	J	10	U	7.4	J	10	U	10	U	10	U	10	UJ
IRON	7439-89-6	7008		6791		10840		887		3240		1890		1830	
LEAD	7439-92-1	10	UJ	4.2	J	2.9	J	10	U	10	U	10	UJ	10	U
MAGNESIUM	7439-95-4	5902		5021		6213		2060	J	6330		3920	J	7470	
MANGANESE	7439-96-5	469		532		748		13.9	J	31.3	J	18.7		15.6	
MERCURY	7439-97-6	0.088	J	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	195		38.8	J	68.4		40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	5797	J	6401		7382		6860	J	4260	J	3650	J	3740	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	16147	J	19226		19433		10800		7810	J	8280	J	8170	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	733		371		464		60	U	60	U	60	U	14	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3B		MW3B		MW3B		MW3B		MW3D		MW3D		MW3D	
Sample ID		80018-GW-MW3B-1209		80018-GW-MW3B-0310		80018-GW-MW3B-0610		80018-GW-MW3B-1010		GW-061004-DK-004		80018-GW-MW3D-1208		80018-GW-MW3D-0309	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		12/2/2009 4:20:00 PM		3/9/2010 3:00:00 PM		6/25/2010 10:30:00 AM		10/7/2010 4:05:00 PM		6/10/2004 7:30:00 PM		12/21/2008 10:25:00 AM		3/4/2009 9:25:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	167	J	229		94.1	J	52	J	500	U	200	U	200	U
ANTIMONY	7440-36-0									20	U				
ARSENIC	7440-38-2									40	U				
BARIUM	7440-39-3	16.7	J	16.5	J	200	U	12.7	J	11.4		8.4	J	8.5	J
BERYLLIUM	7440-41-7									5	U				
CADMIUM	7440-43-9									10	U				
CALCIUM	7440-70-2	32300		33350		32727		38579		43800		39500		40700	
CHROMIUM	7440-47-3	0.39	J	10	U	10	U	10	U	10	U	10	U	1	J
COBALT	7440-48-4									10	U				
COPPER	7440-50-8	0.69	J	25	UJ	25	U	25	U	10	U	25	U	25	U
CYANIDE	57-12-5	10	UJ	10	U	11.3		6	J	10	U	10	U	10	U
IRON	7439-89-6	1290		1766		684		880				181	U	64.4	J
LEAD	7439-92-1	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	7400		7838		6917		8680				8630		9000	
MANGANESE	7439-96-5	10.9	J	16.6		9.4	J	8.3	J			7.1	J	2.3	J
MERCURY	7439-97-6	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	2.1	J	40	U	40	U
POTASSIUM	7440-09-7	3510	J	3332	J	3235	J	3589	J			2550	J	3380	J
SELENIUM	7782-49-2									30	UJ				
SILVER	7440-22-4	10	UJ	10	U	10	U	10	U	6	U	10	U	10	U
SODIUM	7440-23-5	7630		7639	J	7292	J	8349	J			8680		8450	
THALLIUM	7440-28-0									40	UJ				
VANADIUM	7440-62-2									19.3					
ZINC	7440-66-6	5.4	J	9.5	J	60	U	7.6	J	11.3	J	60	U	2.8	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3D		MW3D		MW3D		MW3D		MW3D		MW3D		MW3D	
Sample ID		80018-GW-MW3D-0609		80018-GW-MW3D-0909		80018-GW-MW3D-1209		80018-GW-MW3D-0310		80018-GW-MW3D-0610		80018-GW-DUP02-1010		80018-GW-MW3D-1010	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		6/16/2009 9:00:00 AM		8/31/2009 10:15:00 AM		12/2/2009 12:50:00 PM		3/9/2010 10:25:00 AM		6/24/2010 10:05:00 AM		10/7/2010 12:25:00 PM		10/7/2010 12:20:00 PM	
Sample Type		N		N		N		N		N		FD		N	
Field Duplicate Parent												80018-GW-MW3D-1010			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	UJ	200	U	200	U	24.8	J	200	U	35.2	J	93.1	J
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	7.3	J	8.8	J	8.4	J	8.5	J	200	U	200	UJ	200	U
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	42800		43500		40400		41931		44269		43992		44848	
CHROMIUM	7440-47-3	0.66	J	10	U	0.74	J	10	U	10	U	1.3	J	10	U
COBALT	7440-48-4														
COPPER	7440-50-8	25	U	25	U	25	U	25	UJ	25	U	25	U	25	U
CYANIDE	57-12-5	10	U	10	UJ	10	UJ	10	U	10	U	10	U	10	UJ
IRON	7439-89-6	47.9	J	26.4	J	27.8	J	100	U	95.8	J	78	J	91.1	J
LEAD	7439-92-1	10	UJ	10	U	10	U	10	UJ	10	U	10	U	10	U
MAGNESIUM	7439-95-4	9240		9520		9090		9173		9004		9841		9699	
MANGANESE	7439-96-5	15	U	15	U	0.66	J	15	U	5.6	J	2.9	J	15	U
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.083	J	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	2700	J	3160	J	3030	J	3103	J	3336	J	3218	J	3301	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	9100	J	9830		9160		9803	J	9659		9876	J	9931	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	3.9	J	60	U	60	U	60	U	60	U	60	U	1.7	J

Notes:

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UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D	
Sample ID		80018-GW-MW11D-1208		80018-GW-MW11D-0309		80018-GW-DUP110-0609		80018-GW-MW11D-0609		80018-GW-MW11D-0909		80018-GW-MW11D-1209		80018-GW-MW11D-0310	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		12/15/2008 1:35:00 PM		3/5/2009 3:50:00 PM		6/16/2009 12:05:00 PM		6/16/2009 12:25:00 PM		9/2/2009 9:46:00 AM		12/2/2009 11:10:00 AM		3/11/2010 2:05:00 PM	
Sample Type		N		N		FD		N		N		N		N	
Field Duplicate Parent						80018-GW-MW11D-0609									
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	93.9	U	200	U	598	J	570	J	196	J	265		196	J
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	45.5	J	48.7	J	42	J	44.4	J	39.2	J	38.7	J	37.6	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	31900		31600		28200		27000		27800		25900		26372	
CHROMIUM	7440-47-3	0.74	J	10	U	0.79	J	0.7	J	10	U	0.67	J	1.3	J
COBALT	7440-48-4														
COPPER	7440-50-8	0.88	J	25	U	25	U	25	U	1.2	J	1.6	J	1.6	J
CYANIDE	57-12-5	10	U	10	U					10	UJ	1.6	J	10	U
IRON	7439-89-6	70.5	U	90.9	J	843		770		265		403		361	
LEAD	7439-92-1	10	U	10	U	10	UJ	10	UJ	10	U	10	U	10	U
MAGNESIUM	7439-95-4	8730		9230		8400		8130		7870		7350		6948	
MANGANESE	7439-96-5	363		125	J	66.1		63.6		34.3		28.6		24.3	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	UJ
NICKEL	7440-02-0	2.4	U	1.3	J	40	U	40	U	40	U	40	UJ	40	UJ
POTASSIUM	7440-09-7	6510	J	6330	J	5180	J	5180	J	4860	J	4530	J	3932	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	2.9	J	10	U	10	U
SODIUM	7440-23-5	56500		53500		55700	J	54900	J	53700		52400		50398	J
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	9.5	U	5.1	J	5.7	J	8.9	J	8.4	J	60	U	2.4	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11D		MW11S		MW11S		MW11S		MW11S		MW11S	
Sample ID		80018-GW-MW11D-0610		80018-GW-MW11D-1010		80018-GW-MW11S-1208		80018-GW-MW11S-0309		80018-GW-MW11S-0609		80018-GW-MW11S-0909		80018-GW-MW11S-1209	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		6/21/2010 4:35:00 PM		10/6/2010 3:15:00 PM		12/16/2008 1:20:00 PM		3/6/2009 4:30:00 PM		6/16/2009 4:10:00 PM		9/1/2009 5:00:00 PM		12/2/2009 2:20:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	20600		1970		11400		544		879	
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	200	U	27.7	J	242		52.3	J	122	J	40.9	J	48.3	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	22586		24793		59900		48500		47000		55500		58100	
CHROMIUM	7440-47-3	10	U	10	U	20.5	J	2.2	J	12.5		10	U	1.1	J
COBALT	7440-48-4														
COPPER	7440-50-8	25	U	25	U	137		25	U	35.7		2.3	J	3.8	J
CYANIDE	57-12-5	10	U	10	UJ	10	U	1.5	J	10	U	10	UJ	10	UJ
IRON	7439-89-6	55.3	J	100	U	50500	J	13100		35000		18800		22500	
LEAD	7439-92-1	10	U	10	U	117		5.3	J	52.9	J	2.4	J	2.5	J
MAGNESIUM	7439-95-4	5871		6749		8630		3780	J	6140		3360	J	4170	J
MANGANESE	7439-96-5	8.9	J	4.7	J	3320		2060	J	2600		2190		2460	
MERCURY	7439-97-6	0.2	U	0.2	U	0.073	J	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	15.8	J	2.2	J	8.5	J	40	U	7.8	J
POTASSIUM	7440-09-7	3855	J	4091	J	10600	J	5280	J	6080	J	5920		5370	
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	U	10	UJ
SODIUM	7440-23-5	50160		50549		31500		15500		29900	J	16500		21200	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	60	U	2.3	J	264	J	19.8	J	111		9.9	J	9.8	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11S		MW11S		MW11S		MW12D		MW12D		MW12D		MW12D	
Sample ID		80018-GW-MW11S-0310		80018-GW-MW11S-0610		80018-GW-MW11S-1010		80018-GW-MW12D-1208		80018-GW-MW12D-0309		80018-GW-MW12D-0609		80018-GW-DUP01-0809	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		3/11/2010 10:40:00 AM		6/23/2010 4:15:00 PM		10/7/2010 8:30:00 AM		12/17/2008 2:10:00 PM		3/6/2009 10:20:00 AM		6/15/2009 4:30:00 PM		8/31/2009 4:35:00 PM	
Sample Type		N		N		N		N		N		N		FD	
Field Duplicate Parent														80018-GW-MW12D-0809	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	119	J	122	J	1105		474		349	U	419	J	200	U
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	30.8	J	200	U	79.2	J	20.3	J	19.3	J	19.3	J	16.7	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	57920		56173		38121		36700		36600		37500		35300	
CHROMIUM	7440-47-3	10	U	10	U	2.3	J	1.4	J	10	U	10	U	10	U
COBALT	7440-48-4														
COPPER	7440-50-8	1.4	J	25	U	25	U	1.9	J	25	U	25	U	1.1	J
CYANIDE	57-12-5	10	U	10	U	8.7	J	10	U	10	U	10	U	10	UJ
IRON	7439-89-6	15642		21297		9394		568	J	344		482		72.4	J
LEAD	7439-92-1	10	U	10	U	3.8	J	2.6	J	10	U	10	UJ	10	U
MAGNESIUM	7439-95-4	3574	J	3477	J	3872	J	11300		11800		11600		10800	
MANGANESE	7439-96-5	2009		2338		1912		41.9		14.5	J	17.4		15	U
MERCURY	7439-97-6	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	UJ	40	U	4.1	J	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	4336	J	5114		5325		3320	J	3470	J	2830	J	2920	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	12547	J	25435		40918		25900		22700		24100	J	22500	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	2.6	J	60	U	21.1	J	10	U	6.1	J	6.1	J	6.5	J

Notes:

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B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW12D		MW12D		MW12D		MW12D		MW12D		MW12S		MW12S	
Sample ID		80018-GW-MW12D-0809		80018-GW-MW12D-1209		80018-GW-MW12D-0310		80018-GW-MW12D-0610		80018-GW-MW12D-1010		80018-GW-MW12S-1208		80018-GW-MW12S-0309	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		8/31/2009 4:30:00 PM		11/30/2009 4:10:00 PM		3/11/2010 4:25:00 PM		6/22/2010 10:20:00 AM		10/6/2010 3:30:00 PM		12/17/2008 11:50:00 AM		3/6/2009 12:20:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	1950		69.3	J	126	J	264		1250		4210	
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	16.3	J	29	J	13.9	J	200	U	200	U	188	J	200	
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	35500		33400		32831		30568		38577		168000		119000	
CHROMIUM	7440-47-3	10	U	3.6	J	10	U	10	U	10	U	2.7	J	7.9	J
COBALT	7440-48-4														
COPPER	7440-50-8	25	U	4.4	J	25	UJ	25	U	25	U	25	J	56.9	
CYANIDE	57-12-5	10	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U
IRON	7439-89-6	91.9	J	2440		85.5	J	201		256		1490	J	4650	
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	U	8.2	J	22.8	
MAGNESIUM	7439-95-4	10900		11200		10103		8649		11566		6550		5890	
MANGANESE	7439-96-5	15	U	53.1		3.2	J	9.3	J	5.7	J	182		116	J
MERCURY	7439-97-6	0.2	U	0.2	UJ	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	UJ	40	UJ	40	U	40	U	6.5	J	11.2	J
POTASSIUM	7440-09-7	2920	J	3360	J	2623	J	2510	J	2968	J	10600	J	9910	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	22700		23000		19467	J	18397		23886		80100		65600	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	6.1	J	10.2	J	0.74	J	60	U	3.7	J	30.9	J	89.3	J

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
Sample Location		MW12S		MW12S		MW12S		MW12S		MW12S		MW1		MW1		MW1	
Sample ID		80018-GW-MW12S-0609		80018-GW-MW12S-0909		80018-GW-MW12S-0310		80018-GW-MW12S-0610		80018-GW-MW12S-1010		GW-072904-BC-20		80018-GW-MW1-1208		80018-GW-MW1-0309	
Risk Zone		E1*		E1*		E1*		E1*		E1*		B		B		B	
Top Depth																	
Bottom Depth																	
Sample Date		6/16/2009 8:00:00 AM		9/1/2009 8:00:00 AM		3/8/2010 4:40:00 PM		6/22/2010 11:25:00 AM		10/6/2010 4:05:00 PM		7/29/2004		12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	244	J	686		144	J	200	U	2753		500	U	301		200	U
ANTIMONY	7440-36-0											20	UJ				
ARSENIC	7440-38-2											40	UJ				
BARIUM	7440-39-3	355	J	468		815		1089		446		18.5		15.5	J	13.6	J
BERYLLIUM	7440-41-7											5	U				
CADMIUM	7440-43-9											10	U				
CALCIUM	7440-70-2	155000		176000		247905		210190		142395		19700		15200		14600	
CHROMIUM	7440-47-3	10	U	1.9	J	1.8	J	10	U	6.4	J	10	U	10	U	10	U
COBALT	7440-48-4											10	U				
COPPER	7440-50-8	25	U	26.3		68.2		65.6		40.5		10	U	25	U	25	U
CYANIDE	57-12-5	10	U	10	UJ	4.9	J	10	U	6.6	J	10	U	10	U	10	U
IRON	7439-89-6	4530		19500		7687		2284		5965				464	U	172	U
LEAD	7439-92-1	10	UJ	6	J	10	UJ	10	U	14.6		10	U	10	U	10	U
MAGNESIUM	7439-95-4	6550		10200		11130		10400		9479				4050	J	3870	J
MANGANESE	7439-96-5	355		682		1507		1103		353				56.3	J	9.3	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.17	J	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	4.9	J	3.7	J	43.9		144		14.2	J	10	U	40	U	40	U
POTASSIUM	7440-09-7	11000	J	15400		18099	J	23307		17882				2160	J	5000	UJ
SELENIUM	7782-49-2											30	UJ				
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	6	UJ	10	U	10	U
SODIUM	7440-23-5	81800	J	92000		177765	J	323535		142930				20300		21300	J
THALLIUM	7440-28-0											40	UJ				
VANADIUM	7440-62-2											6	U				
ZINC	7440-66-6	7.6	J	28.2	J	970		945		63.9		50	U	60	U	60	U

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		149 Academy Ave.		149 Academy Ave.	
Sample Location		MW1		MW1		MW1		MW1		MW1		MW1		MW13		MW13	
Sample ID		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209		80018-GW-MW1-0310		80018-GW-MW1-0610		80018-GW-MW1-1010		80018-GW-MW13-1208		80018-GW-MW13-0309	
Risk Zone		B		B		B		B		B		B		A		A	
Top Depth																	
Bottom Depth																	
Sample Date		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM		3/10/2010 10:35:00 AM		6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM		12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	325	J	200	U	2280		309		440		88.6	J	200	U	200	U
ANTIMONY	7440-36-0																
ARSENIC	7440-38-2																
BARIUM	7440-39-3	19.7	J	18.6	J	36.9	J	21.3	J	200	U	17.7	J	8.5	J	5.6	J
BERYLLIUM	7440-41-7																
CADMIUM	7440-43-9																
CALCIUM	7440-70-2	16700		17200		17900		16554		15243		16399		18600		15200	
CHROMIUM	7440-47-3	0.54	J	10	U	2.2	J	10	U	10	U	10	U	10	U	10	U
COBALT	7440-48-4																
COPPER	7440-50-8	25	U	25	U	5.1	J	25	UJ	25	U	25	U	25	U	25	U
CYANIDE	57-12-5	10	U	10	UJ	1.6	J	10	U	10	U	10	U	10	U	10	U
IRON	7439-89-6	388		171		2850		341		453		184		123	U	100	U
LEAD	7439-92-1	10	UJ	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	4430	J	4600	J	5300		4443	J	3777	J	4290	J	4250	J	3610	J
MANGANESE	7439-96-5	35.6		10.1	J	129		15.3		27.4		32		48.9	J	9.8	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	UJ	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	UJ	40	U	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	2340	J	2950	J	3320	J	2779	J	2775	J	2979	J	2220	J	5000	UJ
SELENIUM	7782-49-2																
SILVER	7440-22-4	10	U	3	J	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	24700	J	27600		28100		30501	J	27857	J	30136	J	37300		29900	J
THALLIUM	7440-28-0																
VANADIUM	7440-62-2																
ZINC	7440-66-6	1.2	J	60	U	6.8	J	60	U	60	U	60	U	60	U	60	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		235 Meriden Rd.		235 Meriden Rd.	
	Sample Location	MW13		MW13		MW13		MW13		MW13		MW13		MW5		MW5	
	Sample ID	80018-GW-MW13-0609		80018-GW-MW13-0909		80018-GW-MW13-1209		80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010		GW-060904-BC-001		80018-GW-MW5-1208	
	Risk Zone	A		A		A		A		A		A		G*		G*	
	Top Depth																
	Bottom Depth																
	Sample Date	6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM		12/3/2009 12:45:00 PM		3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM		6/9/2004 7:50:00 AM		12/18/2008 3:15:00 PM	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	446		200	U	237		200	U	291		500	UJ	200	U
ANTIMONY	7440-36-0													20	UJ		
ARSENIC	7440-38-2													40	UJ		
BARIUM	7440-39-3	200	UJ	9.3	J	5.7	J	6.5	J	200	U	200	UJ	27.5	J	40.3	J
BERYLLIUM	7440-41-7													5	UJ		
CADMIUM	7440-43-9													10	UJ		
CALCIUM	7440-70-2	18800		16700		18700		17908		22024		26682		40100	J	46000	
CHROMIUM	7440-47-3	0.72	J	10	U	0.47	J	10	U	10	U	10	U	10	UJ	10	U
COBALT	7440-48-4													8.1	J		
COPPER	7440-50-8	25	U	1.9	J	25	U	25	U	25	U	1.9	J	10	UJ	25	U
CYANIDE	57-12-5	10	U	10	UJ	10	UJ	10	U	10	U	10	UJ	R		10	U
IRON	7439-89-6	100	U	523		12.2	J	246		48.1	J	408				3080	
LEAD	7439-92-1	10	UJ	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	U
MAGNESIUM	7439-95-4	4480	J	3930	J	4650	J	4203	J	4943	J	6164				4940	J
MANGANESE	7439-96-5	7.1	J	23.1		9	J	16.3		20.1		74.6				1860	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	UJ	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	40	U	2.3	J	40	U
POTASSIUM	7440-09-7	1880	J	2360	J	2190	J	2005	J	2093	J	2861	J			4360	J
SELENIUM	7782-49-2													30	UJ		
SILVER	7440-22-4	10	U	10	U	10	UJ	10	U	10	U	10	U	6	UJ	10	U
SODIUM	7440-23-5	34200	J	34300		31300		29303	J	31013		42413	J			35300	
THALLIUM	7440-28-0													40	UJ		
VANADIUM	7440-62-2													6	UJ		
ZINC	7440-66-6	60	U	7.1	J	60	U	60	U	60	U	60	U	65.5	J	54.4	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		27 Newman Ave.	
	Sample Location	MW5		MW5		MW5		MW5		MW5		MW5		MW5		MW6	
	Sample ID	80018-GW-MW5-0309		80018-GW-MW5-0609		80018-GW-MW5-0909		80018-GW-MW5-1209		80018-GW-MW5-0310		80018-GW-MW5-0610		80018-GW-MW5-1010		GW-060904-BC-006	
	Risk Zone	G*		G*		G*		G*		G*		G*		G*		F*	
	Top Depth																
	Bottom Depth																
	Sample Date	3/6/2009 10:35:00 AM		6/18/2009 8:25:00 AM		9/3/2009 8:45:00 AM		12/1/2009 2:55:00 PM		3/11/2010 2:55:00 PM		6/24/2010 10:30:00 AM		10/7/2010 9:35:00 AM		6/9/2004 3:05:00 PM	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	182	J	472		77.9	J	303		783	J
ANTIMONY	7440-36-0															20	UJ
ARSENIC	7440-38-2															6.7	J
BARIUM	7440-39-3	39.7	J	40.5	J	70.2	J	65	J	52.6	J	200	U	49.4	J	149	J
BERYLLIUM	7440-41-7															5	UJ
CADMIUM	7440-43-9															10	UJ
CALCIUM	7440-70-2	41800		47600		55000		51600		45094		40519		42227		128000	J
CHROMIUM	7440-47-3	10	U	10	U	10	U	0.42	J	10	U	10	U	10	U	10	UJ
COBALT	7440-48-4															10	UJ
COPPER	7440-50-8	25	U	25	U	2.3	J	2.2	J	5.2	J	25	U	25	U	20.7	J
CYANIDE	57-12-5	2.7	J	10	U	10	UJ	2.2	J	10	U	10	U	10	UJ	R	
IRON	7439-89-6	4210		3570		5270		5140		5263		3455		3889			
LEAD	7439-92-1	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	5	J
MAGNESIUM	7439-95-4	4590	J	5510		6270		6580		5988		4607	J	4894	J		
MANGANESE	7439-96-5	1850	J	1770		1950		1830		1833		1658		1409			
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	UJ	0.2	U	0.2	U	0.2	UJ
NICKEL	7440-02-0	2.3	J	2.3	J	2.6	J	2.4	J	1.1	J	40	U	2.7	J	3.8	J
POTASSIUM	7440-09-7	4580	J	4340	J	6440		6030		5350	J	5086		5316			
SELENIUM	7782-49-2															30	UJ
SILVER	7440-22-4	10	U	10	U	4.4	J	10	U	10	U	10	U	10	U	6	UJ
SODIUM	7440-23-5	33000		35600	J	61300		55100		51464	J	54924		48513			
THALLIUM	7440-28-0															40	UJ
VANADIUM	7440-62-2															3.3	J
ZINC	7440-66-6	57.9	J	69.3		88.1		77.2		64.5		54.3	J	66.1		38.5	J

Notes:

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B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6		MW6		MW6		MW6		MW6		MW6		MW6	
Sample ID		80018-GW-MW6S-1208		80018-GW-DUP109-0309		80018-GW-MW6S-0309		80018-GW-DUP109-0609		80018-GW-MW6S-0609		80018-GW-MW6S-0909		80018-GW-MW6S-1209	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		12/17/2008 1:45:00 PM		3/4/2009 9:05:00 AM		3/4/2009 9:00:00 AM		6/16/2009 9:35:00 AM		6/16/2009 9:30:00 AM		9/2/2009 4:32:00 PM		12/2/2009 1:05:00 PM	
Sample Type		N		FD		N		FD		N		N		N	
Field Duplicate Parent				80018-GW-MW6S-0309				80018-GW-MW6S-0609							
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	UJ	2130	J	200	U	187	J
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	153	J	142	J	132	J	269	J	264	J	250		196	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	148000		125000		125000		143000		135000		122000		128000	
CHROMIUM	7440-47-3	10	U	10	U	10	U	10	U	3.8	J	10	U	0.98	J
COBALT	7440-48-4														
COPPER	7440-50-8	25	U	25	U	25	U	25	U	40.6		1.6	J	2.3	J
CYANIDE	57-12-5	10	U	10	U	10	U	10	U	10	U	10	UJ	3	J
IRON	7439-89-6	46700		30700		31400		31800		29000		26600		30300	
LEAD	7439-92-1	10	U	10	U	10	U	10	UJ	10	UJ	10	U	3.3	J
MAGNESIUM	7439-95-4	14300		9620		10400		10000		10100		9140		9790	
MANGANESE	7439-96-5	3710	J	2770	J	2870	J	2260		2360		2000		2360	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.1	J
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	5.9	J	40	U	3	J
POTASSIUM	7440-09-7	15300	J	10800	J	11000	J	12800	J	13800	J	12900		11600	
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	4	J	10	U
SODIUM	7440-23-5	23700		20100	J	20500	J	22100	J	23100	J	21900		22600	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	60	U	60	U	60	U	11.4	J	74.7	J	7.2	J	60	U

Notes:

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6		MW6		MW6		MW6D		MW6D		MW6D		MW6D		MW6D	
Sample ID		80018-GW-MW6S-0310		80018-GW-MW6S-0610		80018-GW-MW6S-1010		GW-060904-BC-007		80018-GW-MW6D-1208		80018-GW-MW6D-0309		80018-GW-MW6D-0609		80018-GW-MW6D-0909	
Risk Zone		F*		F*		F*		F*		F*		F*		F*		F*	
Top Depth																	
Bottom Depth																	
Sample Date		3/11/2010 11:15:00 AM		6/22/2010 4:30:00 PM		10/5/2010 2:30:00 PM		6/9/2004 1:00:00 PM		12/18/2008 5:20:00 PM		3/3/2009 3:30:00 PM		6/16/2009 1:55:00 PM		9/2/2009 1:10:00 PM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	UJ	200	U	341		595	J	3640		960		704		575	U
ANTIMONY	7440-36-0							20	UJ								
ARSENIC	7440-38-2							40	UJ								
BARIUM	7440-39-3	118	J	226		350		19.4	J	43.4	J	21.2	J	200	UJ	17.8	J
BERYLLIUM	7440-41-7							5	UJ								
CADMIUM	7440-43-9							10	UJ								
CALCIUM	7440-70-2	123790		115415		118090		42200	J	42500		44200		42600		45700	
CHROMIUM	7440-47-3	10	U	10	U	2.1	J	1.6	J	8.1	J	10	U	2.8	J	2.4	J
COBALT	7440-48-4							10	UJ								
COPPER	7440-50-8	2.5	J	25	U	4.8	J	10	UJ	25	U	25	U	25	U	3	J
CYANIDE	57-12-5	10	U	10	U	10	UJ	R		10	U	10	U	10	U	10	UJ
IRON	7439-89-6	33195		21176		25119				5640		1300		906		1000	
LEAD	7439-92-1	10	U	10	U	10	UJ	10	UJ	3.9	J	10	U	2	J	10	U
MAGNESIUM	7439-95-4	11440		8157		8434				8680		8280		7870		8440	
MANGANESE	7439-96-5	3022		2065		1275				93	J	21.2	J	15.9		16.1	
MERCURY	7439-97-6	0.2	UJ	0.2	U	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	1.4	J	40	U	40	U	10	UJ	40	U	40	U	1.9	J	40	U
POTASSIUM	7440-09-7	12037	J	12685		12330	J			3470	J	5000	UJ	2430	J	2920	J
SELENIUM	7782-49-2							30	UJ								
SILVER	7440-22-4	10	U	10	U	10	U	6	UJ	10	U	10	U	10	U	3.2	J
SODIUM	7440-23-5	19089	J	20245	J	19000	J			8390		7980	J	10200	J	8620	
THALLIUM	7440-28-0							40	UJ								
VANADIUM	7440-62-2							2.8	J								
ZINC	7440-66-6	14.3	J	60	U	12.2	J	50	UJ	27.4	J	60	U	17.7	J	19.2	J

Notes:

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
Sample ID		80018-GW-DUP02-1209		80018-GW-MW6D-1209		80018-GW-DUP02-0310		80018-GW-MW6D-0310		80018-GW-DUP02-0610		80018-GW-MW6D-0610		80018-GW-DUP01-1010	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		12/2/2009 10:00:00 AM		12/2/2009 9:00:00 AM		3/11/2010 10:20:00 AM		3/11/2010 10:15:00 AM		6/22/2010 11:10:00 AM		6/22/2010 11:00:00 AM		10/5/2010 10:00:00 AM	
Sample Type		FD		N		FD		N		FD		N		FD	
Field Duplicate Parent		80018-GW-MW6D-1209				80018-GW-MW6D-0310				80018-GW-MW6D-0610				80018-GW-MW6D-1010	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	618		829		593		489		165	J	166	J	181	J
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	16.2	J	18	J	15.9	J	15.1	J	200	U	200	U	200	U
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	42200		42600		43377		42858		43207		43244		45348	
CHROMIUM	7440-47-3	1.8	J	2.3	J	2.3	J	2.5	J	10	U	10	U	2.2	J
COBALT	7440-48-4														
COPPER	7440-50-8	2.3	J	2.5	J	25	UJ	25	UJ	25	U	25	U	25	U
CYANIDE	57-12-5	3.6	J	1.5	J	10	U	10	U	10	U	10	U	10	UJ
IRON	7439-89-6	746		1010		838		725		247		244		262	
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	U	10	U	10	UJ
MAGNESIUM	7439-95-4	7770		7900		7871		7700		7170		7193		8044	
MANGANESE	7439-96-5	11.9	J	15.7		12.1	J	10.9	J	6.5	J	6.3	J	5.5	J
MERCURY	7439-97-6	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	UJ	40	UJ	40	UJ	40	UJ	40	U	40	U	40	U
POTASSIUM	7440-09-7	2610	J	2710	J	2581	J	2512	J	2475	J	2490	J	2499	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	8130		8280		8081	J	8020	J	8252		8299		8487	J
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	8.3	J	9.1	J	9.9	J	6.8	J	60	U	60	U	60	U

Notes:

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW6D		MW9D		MW9D		MW9D		MW9D		MW9D		MW9D	
Sample ID		80018-GW-MW6D-1010		80018-GW-MW9D-1208		80018-GW-MW9D-0309		80018-GW-MW9D-0609		80018-GW-MW9D-0909		80018-GW-MW9D-1209		80018-GW-MW9D-0310	
Risk Zone		F*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		10/5/2010 9:55:00 AM		12/15/2008 12:10:00 PM		3/5/2009 2:10:00 PM		6/17/2009 9:10:00 AM		9/2/2009 12:05:00 PM		12/3/2009 9:05:00 AM		3/10/2010 12:45:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	278		228	U	258	U	200	U	200	U	136	J	60.1	J
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	200	U	43.5	J	52.6	J	200	UJ	11.8	J	15.9	J	9.3	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	46206		26400		27900		23100		22100		19500		20471	
CHROMIUM	7440-47-3	2.4	J	10	U	10	U	10	U	10	U	0.33	J	10	U
COBALT	7440-48-4														
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	U	1.5	J	25	UJ
CYANIDE	57-12-5	10	UJ	10	U	10	U	10	U	10	UJ	10	UJ	10	U
IRON	7439-89-6	390		157	J	433		712		543		323		329	
LEAD	7439-92-1	10	UJ	10	U	10	U	10	UJ	10	U	10	U	10	U
MAGNESIUM	7439-95-4	8152		4510	J	4180	J	4660	J	4560	J	3850	J	4311	J
MANGANESE	7439-96-5	6.4	J	296		244	J	245		233		172		208	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	40	U	40	UJ
POTASSIUM	7440-09-7	2571	J	4520	J	4840	J	2870	J	3190	J	3020	J	2926	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	UJ	10	U
SODIUM	7440-23-5	8583	J	25300		20300		22800	J	21200		17200		19936	J
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	60	U	6.1	U	5	J	60	U	60	U	60	U	4.7	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW9D		MW9D		MW9S		MW9S		MW9S		MW9S		MW9S	
Sample ID		80018-GW-MW9D-0610		80018-GW-MW9D-1010		80018-GW-MW9S-1208		80018-GW-MW9S-0309		80018-GW-MW9S-0609		80018-GW-MW9S-0909		80018-GW-MW9S-1209	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		6/23/2010 2:55:00 PM		10/5/2010 3:10:00 PM		12/15/2008 3:35:00 PM		3/5/2009 10:00:00 AM		6/17/2009 12:50:00 PM		9/2/2009 9:25:00 AM		12/3/2009 1:25:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	71	J	130	U	989		401		184	J	57.6	J
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	200	U	14.3	J	163	J	156	J	153	J	175	J	155	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	20190		21729		100000		75700		73000		68000		67900	
CHROMIUM	7440-47-3	10	U	10	U	1.8	J	3.7	J	2.6	J	10	U	1.1	J
COBALT	7440-48-4														
COPPER	7440-50-8	25	U	25	U	3.3	J	25	U	27.6	U	10	J	5.9	J
CYANIDE	57-12-5	10	U	10	UJ	10	U	10	U	10	U	10	UJ	10	UJ
IRON	7439-89-6	161		243		5570	J	2610		2270		1600		2030	
LEAD	7439-92-1	10	U	10	UJ	3.2	J	6.2	J	6.6	J	1.9	J	10	U
MAGNESIUM	7439-95-4	3779	J	4414	J	6210		4980	J	4400	J	4230	J	4470	J
MANGANESE	7439-96-5	232		218		878		878	J	790		598		701	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	2.5	U	7.2	J	4.3	J	2.6	J	40	U
POTASSIUM	7440-09-7	2908	J	3192	J	7140	J	5710	J	6470	J	8420		6850	
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	3.4	J	10	UJ
SODIUM	7440-23-5	20373		21147	J	19200		11400		15300	J	14000		17200	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	60	U	9.3	J	18.8	J	91.6	J	39.3	J	34.7	J	25.1	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW9S		MW9S		MW9S		MW4		MW4		MW4		MW4		MW4	
Sample ID		80018-GW-MW9S-0310		80018-GW-MW9S-0610		80018-GW-MW9S-1010		GW-061004-DK-002		GW-061004-DK-003		80018-GW-MW4S-1208		80018-GW-MW4S-0309		80018-GW-MW4S-0609	
Risk Zone		D1*		D1*		D1*		I*		I*		I*		I*		I*	
Top Depth																	
Bottom Depth																	
Sample Date		3/11/2010 11:15:00 AM		6/23/2010 11:25:00 AM		10/5/2010 5:25:00 PM		6/10/2004 3:00:00 PM		6/10/2004 2:00:00 PM		12/17/2008 2:30:00 PM		3/4/2009 10:00:00 AM		6/17/2009 3:20:00 PM	
Sample Type		N		N		N		N		FD		N		N		N	
Field Duplicate Parent										GW-061004-DK-002							
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	51.2	J	260		194	J	500	U	500	U	58.1	U	200	U	200	U
ANTIMONY	7440-36-0							20	U	20	U						
ARSENIC	7440-38-2							40	U	40	U						
BARIUM	7440-39-3	98.3	J	122	J	237		102		98.8		264		167	J	158	J
BERYLLIUM	7440-41-7							5	U	5	U						
CADMIUM	7440-43-9							18.5		18.1							
CALCIUM	7440-70-2	59002		59194		88465		31400		30700		74800		47500		53800	
CHROMIUM	7440-47-3	1.4	J	10	U	2.2	J	10	U	10	U	0.62	J	10	U	10	U
COBALT	7440-48-4							10	U	10	U						
COPPER	7440-50-8	6.6	J	13.2	J	6.7	J	13.5		13.6		662		598		848	
CYANIDE	57-12-5	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U
IRON	7439-89-6	79.9	J	349		8121						151	J	346		126	
LEAD	7439-92-1	10	U	10	U	10	UJ	4.3	J	4.9	J	29.4		69.8		55.8	J
MAGNESIUM	7439-95-4	4649	J	3546	J	4629	J					7100		5110		4940	J
MANGANESE	7439-96-5	196		553		2184						123		66.1	J	93.7	
MERCURY	7439-97-6	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	UJ	40	U	40	U	130		126		167		158		148	
POTASSIUM	7440-09-7	4975	J	7481	J	7874	J					7880	J	4520	J	4040	J
SELENIUM	7782-49-2							30	UJ	30	UJ						
SILVER	7440-22-4	10	U	10	U	10	U	6	U	6	U	10	U	10	U	10	U
SODIUM	7440-23-5	7453	J	13257	J	19904	J					64800		38100	J	49100	J
THALLIUM	7440-28-0							40	UJ	40	UJ						
VANADIUM	7440-62-2							6	U	6	U						
ZINC	7440-66-6	45.3	J	32.6	J	18.4	J	4810		4750		7110	J	7160	J	7110	

Notes:

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.	50 Store Ave.	50 Store Ave.	50 Store Ave.	50 Store Ave.	50 Store Ave.	50 Store Ave.	50 Store Ave.
Sample Location		MW4	MW4	MW4	MW4	MW4	MW4D	MW4D	MW4D
Sample ID		80018-GW-MW4S-0909	80018-GW-MW4S-1209	80018-GW-MW4S-0310	80018-GW-MW4S-0610	80018-GW-MW4S-1010	GW-060904-BC-005	80018-GW-MW4D-1208	80018-GW-MW4D-0309
Risk Zone		I*	I*	I*	I*	I*	I*	I*	I*
Top Depth									
Bottom Depth									
Sample Date		9/1/2009 2:15:00 PM	12/1/2009 11:55:00 AM	3/9/2010 2:55:00 PM	6/22/2010 3:45:00 PM	10/6/2010 9:45:00 AM	6/9/2004 6:05:00 PM	12/18/2008 11:20:00 AM	3/3/2009 3:10:00 PM
Sample Type		N	N	N	N	N	N	N	N
Field Duplicate Parent									
Unit		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chemical Name	**CAS No.**	**Result** **Qualifier**	**Result** **Qualifier**	**Result** **Qualifier**	**Result** **Qualifier**	**Result** **Qualifier**	**Result** **Qualifier**	**Result** **Qualifier**	**Result** **Qualifier**
ALUMINUM	7429-90-5	200 U	60.5 J	61.5 J	200 U	200 U	170 J	2410	1650
ANTIMONY	7440-36-0						20 UJ		
ARSENIC	7440-38-2						40 UJ		
BARIUM	7440-39-3	146 J	154 J	126 J	129 J	182 J	17.2 J	40.7 J	30.6 J
BERYLLIUM	7440-41-7						5 UJ		
CADMIUM	7440-43-9						10 UJ		
CALCIUM	7440-70-2	43000	44000	35706	35486	78378	14900 J	13400	13800
CHROMIUM	7440-47-3	10 U	0.37 J	10 U	10 U	10 U	10 UJ	3.5 J	10 U
COBALT	7440-48-4						10 UJ		
COPPER	7440-50-8	657	756	295	795	716	10 UJ	40.8	29.2 U
CYANIDE	57-12-5	10 UJ	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U
IRON	7439-89-6	184	584	284	283	717		3990	2500
LEAD	7439-92-1	53	141	63.7 J	78.6	65.5	10 UJ	14.2	8.6 J
MAGNESIUM	7439-95-4	4370 J	4580 J	4128 J	4579 J	7222		3950 J	3630 J
MANGANESE	7439-96-5	59	59.8	25.1	59.9	182		115 J	84.3 J
MERCURY	7439-97-6	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U
NICKEL	7440-02-0	145	153	125	119	140	3.2 J	40 U	40 U
POTASSIUM	7440-09-7	4040 J	4010 J	3522 J	3402 J	4751 J		2600 J	5000 UJ
SELENIUM	7782-49-2						30 UJ		
SILVER	7440-22-4	3.9 J	10 U	10 U	10 U	10 U	6 UJ	1.4 J	10 U
SODIUM	7440-23-5	37000	37500	33256 J	29389 J	32700		20400	41500 J
THALLIUM	7440-28-0						40 UJ		
VANADIUM	7440-62-2						6 UJ		
ZINC	7440-66-6	6330	7210	4844	5486	6497	15.3 J	43.7 J	57.2 J

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4D		MW4D		MW4D		MW4D		MW4D		MW4D		MW8D	
Sample ID		80018-GW-MW4D-0609		80018-GW-MW4D-0909		80018-GW-MW4D-1209		80018-GW-MW4D-0310		80018-GW-MW4D-0610		80018-GW-MW4D-1010		80018-GW-DUP107-1208	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/18/2009 9:25:00 AM		9/3/2009 10:17:00 AM		12/1/2009 10:10:00 AM		3/9/2010 11:25:00 AM		6/23/2010 10:50:00 AM		10/6/2010 11:10:00 AM		12/16/2008 1:35:00 PM	
Sample Type		N		N		N		N		N		N		FD	
Field Duplicate Parent														80018-GW-MW8D-1208	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	1610		7650		1450		24509		4909		198	J	135	U
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	35.9	J	97.2	J	29.5	J	206		67.6	J	22.4	J	28.2	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	15800		17600		15300		17112		17246		18180		47900	
CHROMIUM	7440-47-3	2.4	J	11.6		2.4	J	31.6		8.8	J	10	U	0.99	J
COBALT	7440-48-4														
COPPER	7440-50-8	34.5		114		29.5		227		71.7		15	J	25	U
CYANIDE	57-12-5	10	U	10	UJ	10	U	10	U	10	U	10	UJ	10	U
IRON	7439-89-6	2460		13200		2050		33215		5941		280		71.1	U
LEAD	7439-92-1	12.8	J	46.3		7.2	J	107	J	32.2		10	U	10	U
MAGNESIUM	7439-95-4	4240	J	6840		4190	J	9429		4874	J	4240	J	14400	
MANGANESE	7439-96-5	101		430		64.3		989		260		13.4	J	82.6	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	UJ	0.099	J	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	2.6	J	11.3	J	1.6	J	24.7	J	40	U	1.6	J	40	U
POTASSIUM	7440-09-7	2170	J	4690	J	2460	J	8420	J	3682	J	2389	J	2790	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	0.54	J	8.8	J	0.41	J	11		10	U	10	U	10	U
SODIUM	7440-23-5	22800	J	23800		21500		23471	J	22747	J	25135		17000	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	48.2	J	115		33.1	J	210		64.1		25.1	J	60	U

Notes:

µg/L - Micrograms per Liter (part per billion)

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B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D	
Sample ID		80018-GW-MW8D-1208		80018-GW-MW8D-0309		80018-GW-MW8D-0609		80018-GW-DUP02-0909		80018-GW-MW8D-0909		80018-GW-DUP01-1209		80018-GW-MW8D-1209	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		12/16/2008 1:30:00 PM		3/6/2009 1:40:00 PM		6/17/2009 10:30:00 AM		9/2/2009 9:30:00 AM		9/2/2009 9:05:00 AM		12/1/2009 12:20:00 PM		12/1/2009 11:55:00 AM	
Sample Type		N		N		N		FD		N		FD		N	
Field Duplicate Parent								80018-GW-MW8D-0909				80018-GW-MW8D-1209			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	105	U	1620		200	U	200	U	200	U	81.7	J	119	J
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	28.3	J	54.1	J	36.7	J	39.1	J	38.4	J	36.4	J	36.2	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	48100		48600		48600		50000		48500		46600		46200	
CHROMIUM	7440-47-3	0.71	J	4	J	0.9	J	10	U	10	U	1.5	J	1.2	J
COBALT	7440-48-4														
COPPER	7440-50-8	25	U	25	U	25	U	0.96	J	25	U	25	U	25	U
CYANIDE	57-12-5	10	U	10	U	10	U	10	UJ	10	UJ	10	U	10	U
IRON	7439-89-6	44.5	U	3260		52.7	J	116		126		75.2	J	133	J
LEAD	7439-92-1	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	14400		15400		14900		14900		14500		14500		14300	
MANGANESE	7439-96-5	81.5		79.8	J	22.4		15	U	15	U	4.2	J	6.3	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	UJ
NICKEL	7440-02-0	40	U	1.8	J	1.2	J	40	U	40	U	40	UJ	40	UJ
POTASSIUM	7440-09-7	2780	J	3260	J	2900	J	2870	J	2670	J	2550	J	2470	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	3.5	J	3.2	J	10	U	10	U
SODIUM	7440-23-5	17000		13800		9300	J	16600		16200		16700		16100	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	2.9	U	20.9	J	13.8	J	60	U	5.1	J	60	U	60	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8D		MW8D		MW8S		MW8S	
Sample ID		80018-GW-DUP01-0310		80018-GW-MW8D-0310		80018-GW-DUP01-0610		80018-GW-MW8D-0610		80018-GW-MW8D-1010		80018-GW-MW8S-1208		80018-GW-MW8S-0309	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 3:45:00 PM		3/9/2010 3:40:00 PM		6/22/2010 1:50:00 PM		6/22/2010 1:45:00 PM		10/4/2010 5:30:00 PM		12/17/2008 10:20:00 AM		3/6/2009 9:25:00 AM	
Sample Type		FD		N		FD		N		N		N		N	
Field Duplicate Parent		80018-GW-MW8D-0310				80018-GW-MW8D-0610									
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	120	J	174	J	200	U	200	U	204		46.2	U	331	U
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	35.4	J	34.7	J	200	U	200	U	38.8	J	48.9	J	51.5	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	46797		45312		48052		46842		50321		36900		23100	
CHROMIUM	7440-47-3	1.2	J	1.4	J	10	U	10	U	1.7	J	0.41	J	10	U
COBALT	7440-48-4														
COPPER	7440-50-8	25	UJ	25	UJ	25	U	25	U	25	U	2.5	J	25	U
CYANIDE	57-12-5	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U
IRON	7439-89-6	166		279		90.7	J	99.1	J	276		100	U	218	
LEAD	7439-92-1	10	UJ	10	UJ	10	U	10	U	10	UJ	10	U	10	U
MAGNESIUM	7439-95-4	13810		13563		13412		13125		14820		5840		4550	J
MANGANESE	7439-96-5	4.9	J	8.5	J	15	U	15	U	9.9	J	423		82	J
MERCURY	7439-97-6	0.2	UJ	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	4.2	J	2.2	J
POTASSIUM	7440-09-7	2497	J	2432	J	2538	J	2495	J	2656	J	4240	J	3230	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	14889	J	14202	J	16589		16193		18108	J	46500		30500	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	60	U	60	U	60	U	60	U	60	U	45.3	J	48.2	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		87 Store Ave.	
Sample Location		MW8S		MW8S		MW8S		MW8S		MW8S		MW8S		MW10	
Sample ID		80018-GW-MW8S-0609		80018-GW-MW8S-0909		80018-GW-MW8S-1209		80018-GW-MW8S-0310		80018-GW-MW8S-0610		80018-GW-MW8S-1010		80018-GW-MW10-1208	
Risk Zone		I*		I*		I*		I*		I*		I*		H*	
Top Depth															
Bottom Depth															
Sample Date		6/17/2009 8:20:00 AM		9/2/2009 12:35:00 PM		12/1/2009 8:55:00 AM		3/9/2010 11:40:00 AM		6/22/2010 4:20:00 PM		10/4/2010 6:04:00 PM		12/16/2008 2:55:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	93.2	J	284		93.6	J	103	J	147	U
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	60.8	J	57.3	J	64.8	J	36.4	J	88.7	J	91.2	J	654	
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	25300		23800		23200		21991		24381		25987		122000	
CHROMIUM	7440-47-3	10	U	10	U	0.46	J	10	U	10	U	10	U	10	U
COBALT	7440-48-4														
COPPER	7440-50-8	25	J	2.7	J	2.3	J	6.5	J	25	U	2.7	J	19.7	J
CYANIDE	57-12-5	10	U	10	UJ	10	U	10	U	5.7	J	10	UJ	10	U
IRON	7439-89-6	48.2	J	20.3	J	100	U	176		100	U	100	U	5340	J
LEAD	7439-92-1	10	UJ	10	U	2.2	J	10	UJ	10	U	10	UJ	5.5	J
MAGNESIUM	7439-95-4	5420		5040		4720	J	3899	J	3904	J	4770	J	6890	
MANGANESE	7439-96-5	29.3		22.5		71.5		37.8		7.5	J	5.4	J	709	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	UJ	0.2	UJ	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	1.4	J	1.4	J	40	UJ	40	U	40	U	40	U	16.5	J
POTASSIUM	7440-09-7	2830	J	2790	J	2890	J	3062	J	3251	J	3446	J	7120	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	3.1	J	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	43800	J	38300		44800		36142	J	64070	J	57375	J	25700	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	51.4	J	49.3	J	50.4	J	31.2	J	55.8	J	59.3	J	2460	J

Notes:

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UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
Sample Location		MW10		MW10		MW10		MW10		MW10		MW10		MW10	
Sample ID		80018-GW-DUP110-0309		80018-GW-MW10-0309		80018-GW-MW10-0609		80018-GW-MW10-0909		80018-GW-MW10-1209		80018-GW-MW10-0310		80018-GW-MW10-0610	
Risk Zone		H*		H*		H*		H*		H*		H*		H*	
Top Depth															
Bottom Depth															
Sample Date		3/4/2009 2:05:00 PM		3/4/2009 2:00:00 PM		6/15/2009 5:40:00 PM		9/2/2009 3:40:00 PM		12/3/2009 10:15:00 AM		3/12/2010 9:20:00 AM		6/23/2010 1:50:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW10-0309													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	204	U	200	U	200	UJ	200	U	53.8	J	40.4	J	200	U
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	609		611		714	J	871		890		592		613	
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	129000		133000		139000		141000		140000		138735		102580	
CHROMIUM	7440-47-3	10	U	10	U	0.62	J	10	U	0.67	J	1.3	J	10	U
COBALT	7440-48-4														
COPPER	7440-50-8	43.4	U	30.4	U	39.9		28.7		13.8	J	34		32.1	
CYANIDE	57-12-5	10	U	2.3	J	10	U	10	UJ	10	UJ	10	U	10	U
IRON	7439-89-6	6660		6540		8170		8170		9210		4710		5064	
LEAD	7439-92-1	5.8	J	6.1	J	3.5	J	4.4	J	2.8	J	10	U	5.1	J
MAGNESIUM	7439-95-4	7450		7650		7400		7750		8170		7832		5347	
MANGANESE	7439-96-5	809		838		627		591		731		624		392	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	U
NICKEL	7440-02-0	19.7	J	20	J	21.6	J	16.9	J	17.7	J	21.1	J	16	J
POTASSIUM	7440-09-7	6440	J	6540	J	5980	J	7450		7730		6869	J	5648	
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	5.2	J	10	UJ	10	U	10	U
SODIUM	7440-23-5	24800	J	25100	J	27900	J	31500		33500		34132	J	26156	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	2820	J	2680	J	2230	J	1540		1420		2066		1225	

Notes:

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		87 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW10		MW7D		MW7D		MW7D		MW7D		MW7D		MW7D	
Sample ID		80018-GW-MW10-1010		80018-GW-MW7D-1208		80018-GW-MW7D-0309		80018-GW-MW7D-0609		80018-GW-MW7D-0909		80018-GW-MW7D-1209		80018-GW-MW7D-0310	
Risk Zone		H*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		10/7/2010 11:10:00 AM		12/15/2008 1:45:00 PM		3/5/2009 1:15:00 PM		6/17/2009 10:20:00 AM		9/1/2009 2:55:00 PM		12/1/2009 2:30:00 PM		3/10/2010 2:05:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	173	J	1920		1610		1350		632		1770		729	
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	722		29.2	J	27.6	J	22.6	J	20.5	J	29.2	J	19	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	123280		35700		39100		38900		38900		36800		38520	
CHROMIUM	7440-47-3	1.2	J	2.9	J	2.9	J	2.8	J	2	J	3.3	J	2.3	J
COBALT	7440-48-4														
COPPER	7440-50-8	27.6		3.1	J	25	U	25	U	2.6	J	4.1	J	25	UJ
CYANIDE	57-12-5	10	UJ	10	U	10	U	10	U	10	UJ	10	U	10	U
IRON	7439-89-6	4293		2110	J	2310		1760		864		2190		991	
LEAD	7439-92-1	3.8	J	10	U	10	U	10	UJ	10	U	2.4	J	10	U
MAGNESIUM	7439-95-4	5949		5830		6480		6260		5890		5990		5867	
MANGANESE	7439-96-5	481		48.2		40.3	J	31		19.4		52.7		18.5	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	UJ
NICKEL	7440-02-0	16.8	J	2.2	U	2	J	1.2	J	40	U	40	UJ	40	UJ
POTASSIUM	7440-09-7	6160		3410	J	3560	J	2900	J	2940	J	3280	J	2794	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	20076		9840		8600		9300	J	9470		8910		8784	J
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	1540		16	J	11.8	J	13.8	J	11.5	J	16.3	J	5	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7D		MW7D		MW7S		MW7S		MW7S		MW7S		MW7S	
Sample ID		80018-GW-MW7D-0610		80018-GW-MW7D-1010		80018-GW-MW7S-1208		80018-GW-MW7S-0309		80018-GW-MW7S-0609		80018-GW-MW7S-0809		80018-GW-MW7S-1209	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		6/24/2010 6:00:00 PM		10/5/2010 10:40:00 AM		12/16/2008 10:10:00 AM		3/5/2009 10:00:00 AM		6/17/2009 1:30:00 PM		8/31/2009 3:40:00 PM		12/1/2009 11:45:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	216		516		21.1	U	206	U	341	U	200	U	8.3	J
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	200	U	18.6	J	345		318		436	J	430		248	
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	36784		41208		58400		78700		89500		84500		50900	
CHROMIUM	7440-47-3	10	U	2.5	J	10	U	10	U	10	U	10	U	10	U
COBALT	7440-48-4														
COPPER	7440-50-8	25	U	1.6	J	2.4	J	92.9		100		135		81.6	
CYANIDE	57-12-5	10	U	10	UJ	10	U	10	U	10	U	10	UJ	10	U
IRON	7439-89-6	298		736		12600	J	8670		10600		5790		3320	
LEAD	7439-92-1	10	U	10	UJ	2.8	J	2.9	J	3.9	J	10	U	10	U
MAGNESIUM	7439-95-4	5136		6105		4900	J	6380		8170		7180		4180	J
MANGANESE	7439-96-5	20.6		16.1		221		294	J	332		222		144	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ
NICKEL	7440-02-0	40	U	40	U	29.7	J	35.6	J	47.2		45		29.9	J
POTASSIUM	7440-09-7	2611	J	2934	J	4190	J	5030	J	6270	J	7030		3970	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	8589		9285	J	18300		34000		48000	J	52100		17900	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	60	U	6.9	J	3830	J	7360	J	8630		6520		5120	

Notes:

µg/L - Micrograms per Liter (part per billion)

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	9 Store Ave.		9 Store Ave.		9 Store Ave.	
	Sample Location	MW7S		MW7S		MW7S	
	Sample ID	80018-GW-MW7S-0310		80018-GW-MW7S-0610		80018-GW-MW7S-1010	
	Risk Zone	F*		F*		F*	
	Top Depth						
	Bottom Depth						
	Sample Date	3/10/2010 3:05:00 PM		6/24/2010 10:10:00 AM		10/5/2010 10:00:00 AM	
	Sample Type	N		N		N	
	Field Duplicate Parent						
	Unit	ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	UJ	200	U	352	
ANTIMONY	7440-36-0						
ARSENIC	7440-38-2						
BARIUM	7440-39-3	444		396		744	
BERYLLIUM	7440-41-7						
CADMIUM	7440-43-9						
CALCIUM	7440-70-2	75258		72954		116475	
CHROMIUM	7440-47-3	10	U	10	U	4	J
COBALT	7440-48-4						
COPPER	7440-50-8	49.8		107		252	
CYANIDE	57-12-5	10	U	10	U	10	UJ
IRON	7439-89-6	12739		3472		21690	
LEAD	7439-92-1	10	U	10	U	25.3	J
MAGNESIUM	7439-95-4	6849		6005		10799	
MANGANESE	7439-96-5	210		225		305	
MERCURY	7439-97-6	0.2	UJ	0.2	U	0.2	U
NICKEL	7440-02-0	37.9	J	46.2		47.3	
POTASSIUM	7440-09-7	5144	J	5696		7877	J
SELENIUM	7782-49-2						
SILVER	7440-22-4	10	U	10	U	10	U
SODIUM	7440-23-5	43945	J	46951		55257	J
THALLIUM	7440-28-0						
VANADIUM	7440-62-2						
ZINC	7440-66-6	5268		6553		6593	

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3		MW3		MW3		MW3	
Sample ID		80018-GW-DUP108-1208		80018-GW-MW3S-1208		80018-GW-MW3S-0309		80018-GW-MW3S-0609		80018-GW-MW3S-0909		80018-GW-MW3S-1209		80018-GW-MW3S-0310	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		12/18/2008 12:00:00 PM		12/18/2008 10:45:00 AM		3/3/2009 10:50:00 AM		6/16/2009 12:20:00 PM		9/1/2009 2:15:00 PM		12/2/2009 10:30:00 AM		3/9/2010 4:55:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW3S-1208													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	UJ	2	UJ	2	U	2	U	2	U
ARSENIC	7440-38-2	0.73	J	0.75	J	0.5	J	0.52	J	1	U	0.45	J	0.6	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.21	J	0.26	J	0.39	J	1	UJ	1	UJ	0.37	J	0.31	J
COBALT	7440-48-4	1.5		1.5		1.3		0.86	J	0.87	J	0.9	J	2	
SELENIUM	7782-49-2	0.45	J	0.47	J	0.27	J	5	U	5	U	5	U	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U
VANADIUM	7440-62-2	225	J	235	J	207	J	104	J	93.3		143		116	

Notes:

µg/L - Micrograms per Liter (part per billion)

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B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3B		MW3B		MW3B		MW3B		MW3B	
Sample ID		80018-GW-MW3S-0610		80018-GW-MW3S-1010		80018-GW-MW3B-1208		80018-GW-MW3B-0309		80018-GW-MW3B-0609		80018-GW-MW3B-0909		80018-GW-MW3B-1209	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		6/24/2010 12:50:00 PM		10/7/2010 9:50:00 AM		12/18/2008 3:25:00 PM		3/3/2009 3:05:00 PM		6/16/2009 2:20:00 PM		9/1/2009 12:30:00 PM		12/2/2009 4:20:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	0.69	J	2	UJ	2	UJ	2	U	2	U
ARSENIC	7440-38-2	0.67	J	1	U	0.77	J	0.53	J	0.54	J	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	0.059	J	0.044	J	1	U	1	U	1	U
CADMIUM	7440-43-9	0.46	J	0.66	J	0.057	J	0.084	J	1	UJ	1	UJ	1	UJ
COBALT	7440-48-4	1.2		1.3		0.43	J	0.47	J	1	U	1	UJ	0.14	J
SELENIUM	7782-49-2	5	U	5	U	0.71	J	0.5	J	0.92	J	5	U	0.34	J
THALLIUM	7440-28-0	1	U	1	UJ	1	U	0.016	J	1	U	1	UJ	1	U
VANADIUM	7440-62-2	137		207		14.3	J	6	J	5	U	2.2	J	2.2	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3B		MW3B		MW3B		MW3D		MW3D		MW3D		MW3D	
Sample ID		80018-GW-MW3B-0310		80018-GW-MW3B-0610		80018-GW-MW3B-1010		80018-GW-MW3D-1208		80018-GW-MW3D-0309		80018-GW-MW3D-0609		80018-GW-MW3D-0909	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 3:00:00 PM		6/25/2010 10:30:00 AM		10/7/2010 4:05:00 PM		12/21/2008 10:25:00 AM		3/4/2009 9:25:00 AM		6/16/2009 9:00:00 AM		8/31/2009 10:15:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	UJ	2	UJ	2	UJ	2	U
ARSENIC	7440-38-2	0.19	J	1	U	1	U	0.27	J	0.13	J	0.28	J	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	0.034	J	1	U
CADMIUM	7440-43-9	0.029	J	1	U	1	U	0.041	J	1	UJ	0.49	J	1	UJ
COBALT	7440-48-4	0.16	J	1	U	0.093	J	0.22	J	0.094	J	1	UJ	1	UJ
SELENIUM	7782-49-2	0.23	J	5	U	5	U	0.68	J	0.61	J	1.1	J	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	1	U	1	U	0.016	J	1	UJ
VANADIUM	7440-62-2	5	UJ	1.7	J	1.9	J	2.7	J	2.2	J	1.8	J	1.9	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW3D		MW3D		MW3D		MW3D		MW3D		MW11D		MW11D	
Sample ID		80018-GW-MW3D-1209		80018-GW-MW3D-0310		80018-GW-MW3D-0610		80018-GW-DUP02-1010		80018-GW-MW3D-1010		80018-GW-MW11D-1208		80018-GW-MW11D-0309	
Risk Zone		J*		J*		J*		J*		J*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		12/2/2009 12:50:00 PM		3/9/2010 10:25:00 AM		6/24/2010 10:05:00 AM		10/7/2010 12:25:00 PM		10/7/2010 12:20:00 PM		12/15/2008 1:35:00 PM		3/5/2009 3:50:00 PM	
Sample Type		N		N		N		FD		N		N		N	
Field Duplicate Parent								80018-GW-MW3D-1010							
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ
ARSENIC	7440-38-2	1	U	0.24	J	0.32	J	1	U	1	U	1	UJ	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	U	1	U	0.012	J	1	UJ	0.14	J	0.068	J
COBALT	7440-48-4	0.071	J	0.075	J	1	U	0.074	J	1	U	1.7	J	1.9	
SELENIUM	7782-49-2	0.55	J	0.52	J	5	U	0.25	J	5	U	0.37	J	0.33	J
THALLIUM	7440-28-0	0.41	J	1	U	1	U	1	U	1	UJ	1	U	0.013	J
VANADIUM	7440-62-2	1.8	J	5	UJ	3.6	J	3.2	J	2.9	J	0.51	J	0.69	J

Notes:

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B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D	
Sample ID		80018-GW-DUP110-0609		80018-GW-MW11D-0609		80018-GW-MW11D-0909		80018-GW-MW11D-1209		80018-GW-MW11D-0310		80018-GW-MW11D-0610		80018-GW-MW11D-1010	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		6/16/2009 12:05:00 PM		6/16/2009 12:25:00 PM		9/2/2009 9:46:00 AM		12/2/2009 11:10:00 AM		3/11/2010 2:05:00 PM		6/21/2010 4:35:00 PM		10/6/2010 3:15:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW11D-0609													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	0.085	J	0.1	J	1	U	0.46	J	1	U	1	U	1	U
BERYLLIUM	7440-41-7	0.031	J	0.027	J	1	U	0.11	J	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	1	UJ	1	UJ	0.042	J	1	U	1	UJ
COBALT	7440-48-4	1.4		1.7		0.75	J	1.1	J	0.77	J	1.3		0.41	J
SELENIUM	7782-49-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
THALLIUM	7440-28-0	0.022	J	0.017	J	1	UJ	1	U	1	U	1	U	1	UJ
VANADIUM	7440-62-2	2	J	1.7	J	0.93	J	2.9	J	5	UJ	5	U	0.31	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11S		MW11S		MW11S		MW11S		MW11S		MW11S		MW11S	
Sample ID		80018-GW-MW11S-1208		80018-GW-MW11S-0309		80018-GW-MW11S-0609		80018-GW-MW11S-0909		80018-GW-MW11S-1209		80018-GW-MW11S-0310		80018-GW-MW11S-0610	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		12/16/2008 1:20:00 PM		3/6/2009 4:30:00 PM		6/16/2009 4:10:00 PM		9/1/2009 5:00:00 PM		12/2/2009 2:20:00 PM		3/11/2010 10:40:00 AM		6/23/2010 4:15:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	UJ	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	3.4	J	1.5		2.6		4.5		2.8		2.7	J	3.6	J
BERYLLIUM	7440-41-7	1.6	J	0.068	J	0.68	J	1	U	0.028	J	1	U	1	U
CADMIUM	7440-43-9	1.7	J	0.099	J	0.73	J	1	UJ	1	UJ	0.025	J	1	U
COBALT	7440-48-4	15.6	J	1.5		4.1		0.72	J	0.99	J	0.7	J	0.59	J
SELENIUM	7782-49-2	1.2	J	0.26	J	0.78	J	5	U	5	U	5	U	5	U
THALLIUM	7440-28-0	0.75	J	0.044	J	0.15	J	1	UJ	1	U	1	U	1	U
VANADIUM	7440-62-2	107	J	8.1	J	31	J	2.6	J	2.4	J	5	UJ	1.2	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11S		MW12D		MW12D		MW12D		MW12D		MW12D		MW12D	
Sample ID		80018-GW-MW11S-1010		80018-GW-MW12D-1208		80018-GW-MW12D-0309		80018-GW-MW12D-0609		80018-GW-DUP01-0809		80018-GW-MW12D-0809		80018-GW-MW12D-1209	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		10/7/2010 8:30:00 AM		12/17/2008 2:10:00 PM		3/6/2009 10:20:00 AM		6/15/2009 4:30:00 PM		8/31/2009 4:35:00 PM		8/31/2009 4:30:00 PM		11/30/2009 4:10:00 PM	
Sample Type		N		N		N		N		FD		N		N	
Field Duplicate Parent										80018-GW-MW12D-0809					
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	UJ	2	UJ	2	UJ	2	U	2	U	2	U
ARSENIC	7440-38-2	3.6	J	1	UJ	0.12	J	0.36	J	1	U	1	U	1	U
BERYLLIUM	7440-41-7	1	U	0.054	J	1	U	1	U	1	U	1	U	0.07	J
CADMIUM	7440-43-9	1	UJ	0.049	J	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
COBALT	7440-48-4	1.1		0.86	J	0.31	J	0.38	J	1	UJ	1	UJ	1.1	J
SELENIUM	7782-49-2	5	U	0.76	J	0.77	J	1	J	0.58	J	5	U	0.68	J
THALLIUM	7440-28-0	1	UJ	1	U	0.014	J	0.011	J	1	UJ	1	UJ	1	U
VANADIUM	7440-62-2	3.8	J	2.3	J	1.3	J	1.1	J	5	U	0.75	J	3.4	J

Notes:

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW12D		MW12D		MW12D		MW12S		MW12S		MW12S		MW12S	
Sample ID		80018-GW-MW12D-0310		80018-GW-MW12D-0610		80018-GW-MW12D-1010		80018-GW-MW12S-1208		80018-GW-MW12S-0309		80018-GW-MW12S-0609		80018-GW-MW12S-0909	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		3/11/2010 4:25:00 PM		6/22/2010 10:20:00 AM		10/6/2010 3:30:00 PM		12/17/2008 11:50:00 AM		3/6/2009 12:20:00 PM		6/16/2009 8:00:00 AM		9/1/2009 8:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	1.3	J	2.2	UJ	2	UJ	2	U
ARSENIC	7440-38-2	1	U	1	U	1	U	5.8	J	5.4		6.9	J	7.9	
BERYLLIUM	7440-41-7	1	U	1	U	1	U	0.085	J	0.22	J	0.024	J	1	U
CADMIUM	7440-43-9	0.012	J	1	U	1	UJ	0.33	J	0.92	J	1	UJ	1	UJ
COBALT	7440-48-4	0.11	J	0.28	J	1	U	1.5	J	2.6		1.1		1.6	J
SELENIUM	7782-49-2	0.42	J	5	U	5	U	2.2	J	1.4	J	1.8	J	1.1	J
THALLIUM	7440-28-0	1	U	1	U	1	UJ	1	U	0.12	J	1	U	1	UJ
VANADIUM	7440-62-2	5	UJ	5	U	1	J	17.3	J	38.7	J	4.8	J	9.2	

Notes:

µg/L - Micrograms per Liter (part per billion)

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Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
Sample Location		MW12S		MW12S		MW12S		MW5		MW5		MW5		MW5	
Sample ID		80018-GW-MW12S-0310		80018-GW-MW12S-0610		80018-GW-MW12S-1010		80018-GW-MW5-1208		80018-GW-MW5-0309		80018-GW-MW5-0609		80018-GW-MW5-0909	
Risk Zone		E1*		E1*		E1*		G*		G*		G*		G*	
Top Depth															
Bottom Depth															
Sample Date		3/8/2010 4:40:00 PM		6/22/2010 11:25:00 AM		10/6/2010 4:05:00 PM		12/18/2008 3:15:00 PM		3/6/2009 10:35:00 AM		6/18/2009 8:25:00 AM		9/3/2009 8:45:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2.2	U	2	U	2	UJ	2	UJ	2	UJ	2	U
ARSENIC	7440-38-2	3	J	3.6	J	6	J	0.5	J	0.66	J	0.4	J	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.56	J	1	U	0.22	J	0.23	J	0.56	J	1	UJ	1	UJ
COBALT	7440-48-4	9.8		14.5		3.2		9.4		9.5		10.8		13.7	
SELENIUM	7782-49-2	0.73	J	5	U	5	U	0.37	J	0.18	J	5	U	5	U
THALLIUM	7440-28-0	1	U	1	U	1	UJ	0.13	J	0.14	J	0.091	J	1	UJ
VANADIUM	7440-62-2	16.2	J	99.6		15.5		5	UJ	0.91	J	5	U	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW5		MW5		MW5		MW5		MW6		MW6		MW6	
Sample ID		80018-GW-MW5-1209		80018-GW-MW5-0310		80018-GW-MW5-0610		80018-GW-MW5-1010		80018-GW-MW6S-1208		80018-GW-DUP109-0309		80018-GW-MW6S-0309	
Risk Zone		G*		G*		G*		G*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		12/1/2009 2:55:00 PM		3/11/2010 2:55:00 PM		6/24/2010 10:30:00 AM		10/7/2010 9:35:00 AM		12/17/2008 1:45:00 PM		3/4/2009 9:05:00 AM		3/4/2009 9:00:00 AM	
Sample Type		N		N		N		N		N		FD		N	
Field Duplicate Parent												80018-GW-MW6S-0309			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	UJ
ARSENIC	7440-38-2	0.5	J	0.44	J	0.41	J	1	U	6.6	J	3.2		3.2	
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.22	J	0.26	J	1	U	1	UJ	0.03	J	1	UJ	1	UJ
COBALT	7440-48-4	11.5	J	10.7	J	11		10.2		1.2		0.37	J	0.42	J
SELENIUM	7782-49-2	5	U	5	U	5	U	5	U	0.91	J	0.41	J	0.36	J
THALLIUM	7440-28-0	0.11	J	1	U	1	U	1	UJ	1	U	1	U	1	U
VANADIUM	7440-62-2	5	U	5	UJ	5	U	0.55	J	5	UJ	1.7	J	0.7	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6		MW6		MW6		MW6		MW6		MW6		MW6	
Sample ID		80018-GW-DUP109-0609		80018-GW-MW6S-0609		80018-GW-MW6S-0909		80018-GW-MW6S-1209		80018-GW-MW6S-0310		80018-GW-MW6S-0610		80018-GW-MW6S-1010	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		6/16/2009 9:35:00 AM		6/16/2009 9:30:00 AM		9/2/2009 4:32:00 PM		12/2/2009 1:05:00 PM		3/11/2010 11:15:00 AM		6/22/2010 4:30:00 PM		10/5/2010 2:30:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW6S-0609													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	5.6	J	9.4	J	2.7		2.9		2.5	J	2.4	J	11	J
BERYLLIUM	7440-41-7	0.023	J	0.16	J	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	0.37	J	1	UJ	1	UJ	0.017	J	1	U	1	UJ
COBALT	7440-48-4	0.32	J	1.1		1	UJ	0.32	J	1	J	1	U	0.33	J
SELENIUM	7782-49-2	0.74	J	0.91	J	5	U	0.25	J	5	U	5	U	R	
THALLIUM	7440-28-0	1	U	0.048	J	1	UJ	1	U	1	U	1	U	1	U
VANADIUM	7440-62-2	1.9	J	11.1	J	1.7	J	1	J	5	UJ	1.7	J	2.9	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
Sample ID		80018-GW-MW6D-1208		80018-GW-MW6D-0309		80018-GW-MW6D-0609		80018-GW-MW6D-0909		80018-GW-DUP02-1209		80018-GW-MW6D-1209		80018-GW-DUP02-0310	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		12/18/2008 5:20:00 PM		3/3/2009 3:30:00 PM		6/16/2009 1:55:00 PM		9/2/2009 1:10:00 PM		12/2/2009 10:00:00 AM		12/2/2009 9:00:00 AM		3/11/2010 10:20:00 AM	
Sample Type		N		N		N		N		FD		N		FD	
Field Duplicate Parent										80018-GW-MW6D-1209				80018-GW-MW6D-0310	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	UJ	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	1	J	0.48	J	0.46	J	1	U	1	U	1	U	0.28	J
BERYLLIUM	7440-41-7	0.23	J	0.036	J	0.044	J	1	U	0.035	J	0.04	J	1	U
CADMIUM	7440-43-9	0.077	J	0.051	J	1	UJ	1	UJ	1	UJ	1	UJ	0.017	J
COBALT	7440-48-4	3.1		0.81	J	0.53	J	0.38	J	0.38	J	0.46	J	0.24	J
SELENIUM	7782-49-2	0.86	J	0.65	J	1	J	0.7	J	0.64	J	0.45	J	0.44	J
THALLIUM	7440-28-0	0.11	J	0.028	J	0.017	J	1	UJ	0.25	J	1	U	1	U
VANADIUM	7440-62-2	13.2	J	5.5	J	3.7	J	3.5	J	3	J	3.5	J	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW6D		MW6D		MW6D		MW6D		MW6D		MW9D		MW9D	
Sample ID		80018-GW-MW6D-0310		80018-GW-DUP02-0610		80018-GW-MW6D-0610		80018-GW-DUP01-1010		80018-GW-MW6D-1010		80018-GW-MW9D-1208		80018-GW-MW9D-0309	
Risk Zone		F*		F*		F*		F*		F*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		3/11/2010 10:15:00 AM		6/22/2010 11:10:00 AM		6/22/2010 11:00:00 AM		10/5/2010 10:00:00 AM		10/5/2010 9:55:00 AM		12/15/2008 12:10:00 PM		3/5/2009 2:10:00 PM	
Sample Type		N		FD		N		FD		N		N		N	
Field Duplicate Parent				80018-GW-MW6D-0610				80018-GW-MW6D-1010							
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ
ARSENIC	7440-38-2	0.25	J	0.24	J	0.34	J	0.22	J	0.23	J	1	UJ	0.47	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.015	J	1	U	1	U	1	UJ	1	UJ	0.074	J	0.042	J
COBALT	7440-48-4	0.31	J	0.24	J	0.24	J	0.17	J	0.21	J	1.7	J	0.98	J
SELENIUM	7782-49-2	0.57	J	5	U	5	U	R		R		0.35	J	0.48	J
THALLIUM	7440-28-0	1	U	1	U	1	U	1	U	1	U	1	U	1	U
VANADIUM	7440-62-2	5	UJ	2.8	J	2.9	J	2.6	J	2.8	J	1.6	J	2.7	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW9D		MW9D		MW9D		MW9D		MW9D		MW9D		MW9S	
Sample ID		80018-GW-MW9D-0609		80018-GW-MW9D-0909		80018-GW-MW9D-1209		80018-GW-MW9D-0310		80018-GW-MW9D-0610		80018-GW-MW9D-1010		80018-GW-MW9S-1208	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		6/17/2009 9:10:00 AM		9/2/2009 12:05:00 PM		12/3/2009 9:05:00 AM		3/10/2010 12:45:00 PM		6/23/2010 2:55:00 PM		10/5/2010 3:10:00 PM		12/15/2008 3:35:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	U	2	U	2	U	2	U	2	U	2	UJ
ARSENIC	7440-38-2	0.74	J	1	U	1	U	1	U	0.29	J	0.27	J	5.1	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	1	UJ	0.075	J	1	U	1	UJ	0.14	J
COBALT	7440-48-4	0.64	J	0.48	J	0.35	J	0.3	J	0.45	J	0.36	J	1.3	J
SELENIUM	7782-49-2	5	U	5	U	5	U	5	U	5	U	R		0.92	J
THALLIUM	7440-28-0	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
VANADIUM	7440-62-2	5	U	0.46	J	0.77	J	5	UJ	5	U	0.62	J	4.4	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

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UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW9S		MW9S		MW9S		MW9S		MW9S		MW9S		MW9S	
Sample ID		80018-GW-MW9S-0309		80018-GW-MW9S-0609		80018-GW-MW9S-0909		80018-GW-MW9S-1209		80018-GW-MW9S-0310		80018-GW-MW9S-0610		80018-GW-MW9S-1010	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		3/5/2009 10:00:00 AM		6/17/2009 12:50:00 PM		9/2/2009 9:25:00 AM		12/3/2009 1:25:00 PM		3/11/2010 11:15:00 AM		6/23/2010 11:25:00 AM		10/5/2010 5:25:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	4		5.3		3.8		3.3		0.74	J	2.1		14.2	J
BERYLLIUM	7440-41-7	0.18	J	0.093	J	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.41	J	1	UJ	1	UJ	0.31	J	0.45	J	1	U	1	UJ
COBALT	7440-48-4	5.8		4.6		3.3	J	1.4	J	0.39	J	1	U	3.4	J
SELENIUM	7782-49-2	1.2	J	1.4	J	1.1	J	1.4	J	1.3	J	5	U	R	
THALLIUM	7440-28-0	0.19	J	0.14	J	1	UJ	0.15	J	1	U	1	U	1	U
VANADIUM	7440-62-2	10.2	J	8.9	J	8.3		3	J	6.6	UJ	6		3.3	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4		MW4		MW4		MW4		MW4		MW4		MW4	
Sample ID		80018-GW-MW4S-1208		80018-GW-MW4S-0309		80018-GW-MW4S-0609		80018-GW-MW4S-0909		80018-GW-MW4S-1209		80018-GW-MW4S-0310		80018-GW-MW4S-0610	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		12/17/2008 2:30:00 PM		3/4/2009 10:00:00 AM		6/17/2009 3:20:00 PM		9/1/2009 2:15:00 PM		12/1/2009 11:55:00 AM		3/9/2010 2:55:00 PM		6/22/2010 3:45:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	UJ	2	U	0.58	J	2	U	2	U
ARSENIC	7440-38-2	0.86	J	0.4	J	0.63	J	1	U	1	U	0.65	J	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	25.1	J	25.6	J	27	J	21.1		24.4		19.8		21.3	
COBALT	7440-48-4	2.1	J	1.4		1.6		0.96	J	1.2	J	0.43	J	1	U
SELENIUM	7782-49-2	3.4	J	1.2	J	1.9	J	1.3	J	1.6	J	2.1	J	5	U
THALLIUM	7440-28-0	0.18	J	0.11	J	0.096	J	1	UJ	0.09	J	1	U	1	U
VANADIUM	7440-62-2	5	UJ	5	UJ	5	U	5	UJ	5	U	5	UJ	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4		MW4D		MW4D		MW4D		MW4D		MW4D		MW4D	
Sample ID		80018-GW-MW4S-1010		80018-GW-MW4D-1208		80018-GW-MW4D-0309		80018-GW-MW4D-0609		80018-GW-MW4D-0909		80018-GW-MW4D-1209		80018-GW-MW4D-0310	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		10/6/2010 9:45:00 AM		12/18/2008 11:20:00 AM		3/3/2009 3:10:00 PM		6/18/2009 9:25:00 AM		9/3/2009 10:17:00 AM		12/1/2009 10:10:00 AM		3/9/2010 11:25:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	UJ	2	UJ	2	UJ	2	U	2	U	2	U
ARSENIC	7440-38-2	0.53	J	0.71	J	0.53	J	0.47	J	2		1	U	4.2	J
BERYLLIUM	7440-41-7	1	U	0.12	J	0.11	J	0.057	J	0.35	J	0.06	J	0.65	J
CADMIUM	7440-43-9	18.4	J	0.14	J	0.2	J	1	UJ	1	UJ	0.09	J	0.62	J
COBALT	7440-48-4	1.8		2		1.3		1.2		5.4		0.81	J	10	J
SELENIUM	7782-49-2	5	U	0.48	J	0.72	J	5	U	0.58	J	0.36	J	0.83	J
THALLIUM	7440-28-0	1	UJ	0.072	J	0.047	J	0.027	J	1	UJ	1	U	1	U
VANADIUM	7440-62-2	5	U	7.7	J	5.1	J	3.4	J	20.7		3.1	J	47.7	

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4D		MW4D		MW8D		MW8D		MW8D		MW8D		MW8D	
Sample ID		80018-GW-MW4D-0610		80018-GW-MW4D-1010		80018-GW-DUP107-1208		80018-GW-MW8D-1208		80018-GW-MW8D-0309		80018-GW-MW8D-0609		80018-GW-DUP02-0909	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/23/2010 10:50:00 AM		10/6/2010 11:10:00 AM		12/16/2008 1:35:00 PM		12/16/2008 1:30:00 PM		3/6/2009 1:40:00 PM		6/17/2009 10:30:00 AM		9/2/2009 9:30:00 AM	
Sample Type		N		N		FD		N		N		N		FD	
Field Duplicate Parent						80018-GW-MW8D-1208								80018-GW-MW8D-0909	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	UJ	2	UJ	2	UJ	2	UJ	2	U
ARSENIC	7440-38-2	1	U	1	U	1	UJ	1	UJ	0.27	J	0.21	J	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	0.12	J	1	U	1	U
CADMIUM	7440-43-9	1	U	1	UJ	1	UJ	0.035	J	1	UJ	1	UJ	1	UJ
COBALT	7440-48-4	1.6		1	U	1	UJ	0.38	J	1.2		1	U	1	UJ
SELENIUM	7782-49-2	5	U	5	U	5	U	0.79	J	0.62	J	1	J	5	U
THALLIUM	7440-28-0	1	U	1	UJ	1	U	1	U	0.036	J	1	U	1	UJ
VANADIUM	7440-62-2	4.5	J	0.64	J	5	UJ	1.5	J	6.7	J	1.8	J	1.8	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D	
Sample ID		80018-GW-MW8D-0909		80018-GW-DUP01-1209		80018-GW-MW8D-1209		80018-GW-DUP01-0310		80018-GW-MW8D-0310		80018-GW-DUP01-0610		80018-GW-MW8D-0610	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		9/2/2009 9:05:00 AM		12/1/2009 12:20:00 PM		12/1/2009 11:55:00 AM		3/9/2010 3:45:00 PM		3/9/2010 3:40:00 PM		6/22/2010 1:50:00 PM		6/22/2010 1:45:00 PM	
Sample Type		N		FD		N		FD		N		FD		N	
Field Duplicate Parent				80018-GW-MW8D-1209				80018-GW-MW8D-0310				80018-GW-MW8D-0610			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	0.49	J	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	1	U	1	U	1	U	0.08	J	0.11	J	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	1	UJ	0.01	J	1	U	1	U	1	U
COBALT	7440-48-4	1	UJ	0.09	J	0.13	J	0.14	J	0.17	J	1	U	1	U
SELENIUM	7782-49-2	5	U	0.46	J	0.48	J	0.41	J	0.51	J	5	U	5	U
THALLIUM	7440-28-0	1	UJ	0.17	J	1	U	1	U	1	U	1	U	1	U
VANADIUM	7440-62-2	1.9	J	1.5	J	1.6	J	5	UJ	5	UJ	1.8	J	1.8	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8S		MW8S		MW8S		MW8S		MW8S		MW8S	
Sample ID		80018-GW-MW8D-1010		80018-GW-MW8S-1208		80018-GW-MW8S-0309		80018-GW-MW8S-0609		80018-GW-MW8S-0909		80018-GW-MW8S-1209		80018-GW-MW8S-0310	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		10/4/2010 5:30:00 PM		12/17/2008 10:20:00 AM		3/6/2009 9:25:00 AM		6/17/2009 8:20:00 AM		9/2/2009 12:35:00 PM		12/1/2009 8:55:00 AM		3/9/2010 11:40:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	UJ	2	UJ	2	UJ	2	U	2	U	2	U
ARSENIC	7440-38-2	1	U	1	UJ	1	U	0.12	J	1	U	1	U	0.19	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	0.022	J	1	U	0.03	J	1	U
CADMIUM	7440-43-9	1	UJ	0.6	J	0.55	J	0.58	J	1	UJ	0.56	J	0.33	J
COBALT	7440-48-4	0.19	J	5.4	J	5.1		8.4		10.1	J	5.5	J	1.1	
SELENIUM	7782-49-2	R		1.9	J	0.4	J	1.1	J	5	U	0.26	J	0.27	J
THALLIUM	7440-28-0	1	U	1	U	0.052	J	0.038	J	1	UJ	1	U	1	U
VANADIUM	7440-62-2	2.1	J	5	UJ	0.4	J	5	U	5	U	5	U	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
Sample Location		MW8S		MW8S		MW10		MW10		MW10		MW10		MW10	
Sample ID		80018-GW-MW8S-0610		80018-GW-MW8S-1010		80018-GW-MW10-1208		80018-GW-DUP110-0309		80018-GW-MW10-0309		80018-GW-MW10-0609		80018-GW-MW10-0909	
Risk Zone		I*		I*		H*		H*		H*		H*		H*	
Top Depth															
Bottom Depth															
Sample Date		6/22/2010 4:20:00 PM		10/4/2010 6:04:00 PM		12/16/2008 2:55:00 PM		3/4/2009 2:05:00 PM		3/4/2009 2:00:00 PM		6/15/2009 5:40:00 PM		9/2/2009 3:40:00 PM	
Sample Type		N		N		N		FD		N		N		N	
Field Duplicate Parent								80018-GW-MW10-0309							
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	UJ	2	UJ	2	UJ	2	UJ	2	U
ARSENIC	7440-38-2	1	U	0.077	J	5	J	5.6		5.4		8.2	J	8.2	
BERYLLIUM	7440-41-7	1	U	0.038	J	1	U	1	U	1	U	0.033	J	1	U
CADMIUM	7440-43-9	1	U	0.52	J	0.89	J	0.67	J	0.63	J	0.37	J	1	UJ
COBALT	7440-48-4	6.5		10.7	J	3.3	J	3.8		3.9		2.3		1.7	
SELENIUM	7782-49-2	5	U	R		0.75	J	0.41	J	0.34	J	0.64	J	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	0.038	J	0.037	J	0.033	J	1	UJ
VANADIUM	7440-62-2	5	U	5	U	1.9	J	1.8	J	1.4	J	1.1	J	0.96	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW10		MW10		MW10		MW10		MW7D		MW7D		MW7D	
Sample ID		80018-GW-MW10-1209		80018-GW-MW10-0310		80018-GW-MW10-0610		80018-GW-MW10-1010		80018-GW-MW7D-1208		80018-GW-MW7D-0309		80018-GW-MW7D-0609	
Risk Zone		H*		H*		H*		H*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		12/3/2009 10:15:00 AM		3/12/2010 9:20:00 AM		6/23/2010 1:50:00 PM		10/7/2010 11:10:00 AM		12/15/2008 1:45:00 PM		3/5/2009 1:15:00 PM		6/17/2009 10:20:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	UJ
ARSENIC	7440-38-2	8.4		4.9	J	4.7	J	5.3	J	0.45	J	0.44	J	0.47	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	0.11	J	0.091	J	0.079	J
CADMIUM	7440-43-9	0.15	J	2.4		0.58	J	1.5	J	0.1	J	0.061	J	1	UJ
COBALT	7440-48-4	1.4	J	2.2	J	1.3		1.1		1.3	J	1.2		0.73	J
SELENIUM	7782-49-2	5	U	5	U	5	U	5	U	0.85	J	0.73	J	1.1	J
THALLIUM	7440-28-0	1	U	1	U	1	U	1	UJ	1	U	0.056	J	0.039	J
VANADIUM	7440-62-2	0.67	J	5	UJ	1.3	J	1.8	J	8.9	J	9.7	J	6.1	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7D		MW7D		MW7D		MW7D		MW7D		MW7S		MW7S	
Sample ID		80018-GW-MW7D-0909		80018-GW-MW7D-1209		80018-GW-MW7D-0310		80018-GW-MW7D-0610		80018-GW-MW7D-1010		80018-GW-MW7S-1208		80018-GW-MW7S-0309	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		9/1/2009 2:55:00 PM		12/1/2009 2:30:00 PM		3/10/2010 2:05:00 PM		6/24/2010 6:00:00 PM		10/5/2010 10:40:00 AM		12/16/2008 10:10:00 AM		3/5/2009 10:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ
ARSENIC	7440-38-2	1	U	1	U	0.29	J	1	U	1	U	6.6	J	3	
BERYLLIUM	7440-41-7	1	U	0.062	J	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	0.029	J	1	U	1	UJ	0.93	J	43.3	J
COBALT	7440-48-4	1	UJ	0.89	J	0.43	J	0.73	J	0.4	J	1.8	J	2.8	
SELENIUM	7782-49-2	0.67	J	0.58	J	0.45	J	5	U	R		0.63	J	0.9	J
THALLIUM	7440-28-0	1	UJ	1	U	1	U	1	U	1	U	1	U	0.076	J
VANADIUM	7440-62-2	6.3		6.1		8.4	UJ	6		5.4		0.11	J	0.47	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Total Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7S		MW7S		MW7S		MW7S		MW7S		MW7S	
Sample ID		80018-GW-MW7S-0609		80018-GW-MW7S-0809		80018-GW-MW7S-1209		80018-GW-MW7S-0310		80018-GW-MW7S-0610		80018-GW-MW7S-1010	
Risk Zone		F*		F*		F*		F*		F*		F*	
Top Depth													
Bottom Depth													
Sample Date		6/17/2009 1:30:00 PM		8/31/2009 3:40:00 PM		12/1/2009 11:45:00 AM		3/10/2010 3:05:00 PM		6/24/2010 10:10:00 AM		10/5/2010 10:00:00 AM	
Sample Type		N		N		N		N		N		N	
Field Duplicate Parent													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	4.2		3.3		3.3		3.1	J	2	J	10.6	J
BERYLLIUM	7440-41-7	0.064	J	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	42.6	J	45.6		37.2		17.4		48.9		24.6	J
COBALT	7440-48-4	3		2.2	J	1.5	J	1.7	J	1.9		1.9	J
SELENIUM	7782-49-2	2	J	1.2	J	1.4	J	0.3	J	5	U	R	
THALLIUM	7440-28-0	0.094	J	1	UJ	0.14	J	1	U	0.27	J	1	U
VANADIUM	7440-62-2	5	U	5	U	0.38	J	5	UJ	5	U	3.2	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3		MW3		MW3		MW3	
Sample ID		80018-GW-DUP108-1208		80018-GW-MW3S-1208		80018-GW-MW3S-0309		80018-GW-MW3S-0609		80018-GW-MW3S-0909		80018-GW-MW3S-1209		80018-GW-MW3S-0310	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		12/18/2008 12:00:00 PM		12/18/2008 10:45:00 AM		3/3/2009 10:50:00 AM		6/16/2009 12:20:00 PM		9/1/2009 2:15:00 PM		12/2/2009 10:30:00 AM		3/9/2010 4:55:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW3S-1208													
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	128	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	337	J	346	J	329	J	303	J	370		347		272	J
CALCIUM	7440-70-2	129000		134000		122000		107000		114000		113000		105305	
CHROMIUM	7440-47-3	10	U	10	U	10	U	25	U	10	U	0.42	J	10	U
COPPER	7440-50-8	25	U	25	U	25	U	1.2	J	25	U	25	UJ	25	U
IRON	7439-89-6	6680		6830		8440		7970		8700		7450		6702	
LEAD	7439-92-1	10	U	10	U	10	U	10	UJ	10	U	10	U	10	UJ
MAGNESIUM	7439-95-4	6260		6430		6750		6040		6030		5740		5501	
MANGANESE	7439-96-5	545		559		531		502		531		528		471	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	UJ
NICKEL	7440-02-0	64.5		67		29.1	J	15.2	J	15.2	J	31.1	J	179	
POTASSIUM	7440-09-7	6940	J	7120	J	7560	J	6160	J	7260		6690		5537	J
SILVER	7440-22-4	10	U	10	U	10	U	10	U	2.9	J	10	UJ	10	U
SODIUM	7440-23-5	16500		17100		18300		19700	J	20000		20500		16649	J
ZINC	7440-66-6	183		196		85.5		59.5	J	50.8	J	88.8		660	

Notes:

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Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3B		MW3B		MW3B		MW3B		MW3B	
Sample ID		80018-GW-MW3S-0610		80018-GW-MW3S-1010		80018-GW-MW3B-1208		80018-GW-MW3B-0309		80018-GW-MW3B-0609		80018-GW-MW3B-0909		80018-GW-MW3B-1209	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		6/24/2010 12:50:00 PM		10/7/2010 9:50:00 AM		12/18/2008 3:25:00 PM		3/3/2009 3:05:00 PM		6/16/2009 2:20:00 PM		9/1/2009 12:30:00 PM		12/2/2009 4:20:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	117	U	200	U	200	U	200	U
BARIUM	7440-39-3	331		396		22.3	J	13.8	J	22.3	J	14.4	J	13.8	J
CALCIUM	7440-70-2	112000		127285		58700		36600		37100		35400		32700	
CHROMIUM	7440-47-3	10	U	10	U	5.8	J	0.88	J	10	U	10	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	U	25	U	25	U
IRON	7439-89-6	7463		10515		100	U	71.9	U	118	U	58.6	J	100	U
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	5799		6170		1670	J	5820		3730	J	7610		7420	
MANGANESE	7439-96-5	565		741		15	U	1.2	U	1.2	J	1.1	J	1.1	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	37	J	63.6		40	U	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	6748	J	7338		7800	J	4220	J	3930	J	3730	J	3500	J
SILVER	7440-22-4	10	UJ	10	U	10	U	10	U	10	U	3.4	J	10	U
SODIUM	7440-23-5	21591	J	19191		12400		8810		8630	J	8150		7690	
ZINC	7440-66-6	286	J	309		60	U	3.5	U	60	U	60	U	0.5	J

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Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3B		MW3B		MW3B		MW3D		MW3D		MW3D		MW3D	
Sample ID		80018-GW-MW3B-0310		80018-GW-MW3B-0610		80018-GW-MW3B-1010		80018-GW-MW3D-1208		80018-GW-MW3D-0309		80018-GW-MW3D-0609		80018-GW-MW3D-0909	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 3:00:00 PM		6/25/2010 10:30:00 AM		10/7/2010 4:05:00 PM		12/21/2008 10:25:00 AM		3/4/2009 9:25:00 AM		6/16/2009 9:00:00 AM		8/31/2009 10:15:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	12	J	200	U	10.7	J	6.8	J	7.8	J	6.8	J	8.7	J
CALCIUM	7440-70-2	32923		32802		37665		38600		41600		42300		44200	
CHROMIUM	7440-47-3	10	U	10	U	10	U	0.54	J	0.84	J	10	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	U	25	U	25	U
IRON	7439-89-6	100	U	106		100	U	100	U	100	U	100	U	100	U
LEAD	7439-92-1	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	7634		6889		8630		8370		9040		9270		9680	
MANGANESE	7439-96-5	2.7	J	15	U	15	U	15	U	15	U	15	U	15	U
MERCURY	7439-97-6	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	3313	J	3214	J	3454	J	2490	J	3470	J	2780	J	3280	J
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	U	2.9	J
SODIUM	7440-23-5	8043	J	7334	J	8136	J	8540		9900		9350	J	9950	
ZINC	7440-66-6	60	U	60	U	60	U	60	U	3.9	J	60	U	60	U

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AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW3D		MW3D		MW3D		MW3D		MW3D		MW11D		MW11D	
Sample ID		80018-GW-MW3D-1209		80018-GW-MW3D-0310		80018-GW-MW3D-0610		80018-GW-DUP02-1010		80018-GW-MW3D-1010		80018-GW-MW11D-1208		80018-GW-MW11D-0309	
Risk Zone		J*		J*		J*		J*		J*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		12/2/2009 12:50:00 PM		3/9/2010 10:25:00 AM		6/24/2010 10:05:00 AM		10/7/2010 12:25:00 PM		10/7/2010 12:20:00 PM		12/15/2008 1:35:00 PM		3/5/2009 3:50:00 PM	
Sample Type		N		N		N		FD		N		N		N	
Field Duplicate Parent								80018-GW-MW3D-1010							
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	200	U	14.2	U	200	U
BARIUM	7440-39-3	8.4	J	7.7	J	200	U	200	UJ	200	UJ	46.5	J	43.1	J
CALCIUM	7440-70-2	41000		43105		48975		44204		43029		31500		30100	
CHROMIUM	7440-47-3	0.89	J	10	U	10	U	10	U	10	U	0.62	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	U	25	U	25	U
IRON	7439-89-6	100	U	100	U	100	U	100	U	100	U	100	U	100	U
LEAD	7439-92-1	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	9260		9314		10610		9836		9472		8740		8590	
MANGANESE	7439-96-5	15	UJ	15	U	15	U	15	U	15	U	346		106	
MERCURY	7439-97-6	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	2.4	J	1.7	J
POTASSIUM	7440-09-7	3130	J	3191	J	3511	J	3216	J	3193	J	6310	J	6600	J
SILVER	7440-22-4	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	9520		10459	J	11189	J	9982	J	9738	J	57300		59000	
ZINC	7440-66-6	1.2	J	60	U	31.2	J	60	U	60	U	7.5	U	4	J

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Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D	
Sample ID		80018-GW-DUP110-0609		80018-GW-MW11D-0609		80018-GW-MW11D-0909		80018-GW-MW11D-1209		80018-GW-MW11D-0310		80018-GW-MW11D-0610		80018-GW-MW11D-1010	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		6/16/2009 12:05:00 PM		6/16/2009 12:25:00 PM		9/2/2009 9:46:00 AM		12/2/2009 11:10:00 AM		3/11/2010 2:05:00 PM		6/21/2010 4:35:00 PM		10/6/2010 3:15:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW11D-0609													
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	79.8	J	200	U	200	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	37	J	36.2	J	38.8	J	36.1	J	36	J	200	U	28.3	J
CALCIUM	7440-70-2	28700		28000		28300		25400		27058		23198		24418	
CHROMIUM	7440-47-3	10	U	10	U	10	U	0.55	J	10	U	10	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	25	UJ	25	U	25	U	25	U
IRON	7439-89-6	100	U	100	U	100	U	100	UJ	100	UJ	100	U	100	U
LEAD	7439-92-1	10	UJ	10	UJ	10	U	2	J	10	UJ	10	U	10	U
MAGNESIUM	7439-95-4	8150		7970		8040		7420		7101		6550		6819	
MANGANESE	7439-96-5	49.3		47.6		28.9		16.9		14.2	J	15	U	5	J
MERCURY	7439-97-6	0.2	U	0.078	J	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	4660	J	4680	J	4960	J	4440	J	4020	J	3797	J	4097	J
SILVER	7440-22-4	10	U	10	U	4.4	J	10	UJ	10	U	10	UJ	10	U
SODIUM	7440-23-5	53400	J	53800	J	54200		56800		49927	J	52777	J	51337	
ZINC	7440-66-6	60	U	60	U	8.1	J	60	U	3.2	J	60	UJ	1.9	J

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Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11S		MW11S		MW11S		MW11S		MW11S		MW11S		MW11S	
Sample ID		80018-GW-MW11S-1208		80018-GW-MW11S-0309		80018-GW-MW11S-0609		80018-GW-MW11S-0909		80018-GW-MW11S-1209		80018-GW-MW11S-0310		80018-GW-MW11S-0610	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		12/16/2008 1:20:00 PM		3/6/2009 4:30:00 PM		6/16/2009 4:10:00 PM		9/1/2009 5:00:00 PM		12/2/2009 2:20:00 PM		3/11/2010 10:40:00 AM		6/23/2010 4:15:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	983		200	U	606		200	U	7.1	J	200	U	200	U
BARIUM	7440-39-3	67	J	40.5	J	44.1	J	38.6	J	48.1	J	30.6	J	200	U
CALCIUM	7440-70-2	53300		49300		47000		54900		57300		58818		61475	
CHROMIUM	7440-47-3	1.5	U	10	U	1.2	J	10	U	10	U	10	U	10	U
COPPER	7440-50-8	3.9	U	25	U	25	U	25	U	25	U	25	U	25	U
IRON	7439-89-6	23900	J	10500		20200		17700		21700		16068		23725	
LEAD	7439-92-1	10	U	1.9	J	10	U	10	U	2.4	J	10	UJ	10	U
MAGNESIUM	7439-95-4	5030		3370	J	4270	J	3300	J	4160	J	3581	J	4146	J
MANGANESE	7439-96-5	2770		2110		2380		2130		2340		2040		2433	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	2	J	40	U	40	U	40	U	8.1	J	40	U	40	U
POTASSIUM	7440-09-7	6170	J	5270	J	4550	J	5850		5270		4386	J	5378	J
SILVER	7440-22-4	10	U	10	U	10	U	2.9	J	10	U	10	U	10	UJ
SODIUM	7440-23-5	30700		18300		28700	J	16200		24800		12780	J	29521	J
ZINC	7440-66-6	10.9	U	5	J	60	U	60	U	1.6	J	2.6	J	49.6	J

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Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11S		MW12D		MW12D		MW12D		MW12D		MW12D		MW12D	
Sample ID		80018-GW-MW11S-1010		80018-GW-MW12D-1208		80018-GW-MW12D-0309		80018-GW-MW12D-0609		80018-GW-DUP01-0809		80018-GW-MW12D-0809		80018-GW-MW12D-1209	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		10/7/2010 8:30:00 AM		12/17/2008 2:10:00 PM		3/6/2009 10:20:00 AM		6/15/2009 4:30:00 PM		8/31/2009 4:35:00 PM		8/31/2009 4:30:00 PM		11/30/2009 4:10:00 PM	
Sample Type		N		N		N		N		FD		N		N	
Field Duplicate Parent										80018-GW-MW12D-0809					
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	69.3	J	16.7	J	16.4	J	14.4	J	16.5	J	18.5	J	15.3	J
CALCIUM	7440-70-2	40978		36000		37000		37500		35600		35800		34200	
CHROMIUM	7440-47-3	10	U	0.41	U	10	U	10	U	10	U	10	U	0.81	J
COPPER	7440-50-8	25	U	2.2	U	25	U	25	U	25	U	25	U	25	U
IRON	7439-89-6	10335		100	U	100	U	100	U	100	U	100	U	100	UJ
LEAD	7439-92-1	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
MAGNESIUM	7439-95-4	3732	J	10700		11500		11500		11100		11200		11000	
MANGANESE	7439-96-5	1864		26.5		7.5	J	15	U	2.1	J	2.2	J	3.5	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ
NICKEL	7440-02-0	3.5	J	40	U	0.81	J	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	5268		2790	J	3360	J	2660	J	2870	J	3000	J	2840	J
SILVER	7440-22-4	10	U	10	U	10	U	10	U	3	J	3	J	10	UJ
SODIUM	7440-23-5	40357		24500		25300		24000	J	22500		22800		23100	
ZINC	7440-66-6	2.2	J	8.7	U	5.3	J	60	U	5.4	J	7	J	9.8	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW12D		MW12D		MW12D		MW12S		MW12S		MW12S		MW12S	
Sample ID		80018-GW-MW12D-0310		80018-GW-MW12D-0610		80018-GW-MW12D-1010		80018-GW-MW12S-1208		80018-GW-MW12S-0309		80018-GW-MW12S-0609		80018-GW-MW12S-0909	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		3/11/2010 4:25:00 PM		6/22/2010 10:20:00 AM		10/6/2010 3:30:00 PM		12/17/2008 11:50:00 AM		3/6/2009 12:20:00 PM		6/16/2009 8:00:00 AM		9/1/2009 8:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	95.8	J	200	U	20.7	U	341	U	73.2	J	619	
BARIUM	7440-39-3	13.3	J	200	U	200	U	159	J	161	J	254	J	405	
CALCIUM	7440-70-2	33657		33697		39541		152000		131000		135000		172000	
CHROMIUM	7440-47-3	10	U	10	U	10	U	0.65	U	1.3	J	25	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	4.2	U	25	U	1.8	J	20.7	J
IRON	7439-89-6	100	UJ	119		100	U	74.2	U	238		1700		18100	
LEAD	7439-92-1	10	UJ	10	U	10	U	10	U	10	U	10	UJ	6.1	J
MAGNESIUM	7439-95-4	10329		10183		11859		5140		5260		5680		10100	
MANGANESE	7439-96-5	15	U	15	U	15	U	102		85.3		271		651	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.12	J	0.2	U	0.037	J
NICKEL	7440-02-0	40	U	40	U	40	U	4.2	J	9.3	J	10	U	2.5	J
POTASSIUM	7440-09-7	2598	J	2682	J	3028	J	9060	J	10700	J	10300	J	14100	
SILVER	7440-22-4	10	U	10	UJ	10	U	10	U	10	U	10	U	3.9	J
SODIUM	7440-23-5	19069	J	21098	J	24614		73300		76800		78800	J	92900	
ZINC	7440-66-6	1.2	J	84.5	J	2.5	J	5.1	U	9	J	60	U	24.2	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
Sample Location		MW12S		MW12S		MW5		MW5		MW5		MW5		MW5		MW5	
Sample ID		80018-GW-MW12S-0310		80018-GW-MW12S-0610		80018-GW-MW5-1208		80018-GW-MW5-0309		80018-GW-MW5-0609		80018-GW-MW5-0909		80018-GW-MW5-1209		80018-GW-MW5-0310	
Risk Zone		E1*		E1*		G*		G*		G*		G*		G*		G*	
Top Depth																	
Bottom Depth																	
Sample Date		3/8/2010 4:40:00 PM		6/22/2010 11:25:00 AM		12/18/2008 3:15:00 PM		3/6/2009 10:35:00 AM		6/18/2009 8:25:00 AM		9/3/2009 8:45:00 AM		12/1/2009 2:55:00 PM		3/11/2010 2:55:00 PM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	881	J	1063		41.9	J	37.4	J	38.5	J	66.5	J	59.5	J	51.9	J
CALCIUM	7440-70-2	248880		216410		46600		42100		45300		51300		50000		45755	
CHROMIUM	7440-47-3	1.3	J	10	U	10	U	10	U	10	U	10	U	0.36	J	10	U
COPPER	7440-50-8	11.6	J	25	U	25	U	25	U	25	U	25	U	25	UJ	25	U
IRON	7439-89-6	6146		5912		3210		2460		3190		4400		4670		4370	
LEAD	7439-92-1	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	10	UJ
MAGNESIUM	7439-95-4	10835		11785		5040		4520	J	5430		5950		6350		6008	
MANGANESE	7439-96-5	1842	J	1146		1870		1810		1670		1860		1720		1826	
MERCURY	7439-97-6	0.1	J	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	U
NICKEL	7440-02-0	85.2		112		40	U	2.2	J	2.3	J	40	U	40	U	1.8	J
POTASSIUM	7440-09-7	18220	J	22882	J	4490	J	4780	J	4190	J	6250		5820		5293	J
SILVER	7440-22-4	10	U	10	UJ	10	U	10	U	10	U	0.78	J	10	UJ	10	U
SODIUM	7440-23-5	185960	J	327505	J	35800		36800		33800	J	59100		54900		50758	J
ZINC	7440-66-6	1965		156	J	57.7	J	65.5		51	J	78.1		68.6		57.5	J

Notes:

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U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		235 Meriden Rd.		235 Meriden Rd.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW5		MW5		MW6		MW6		MW6		MW6		MW6	
Sample ID		80018-GW-MW5-0610		80018-GW-MW5-1010		80018-GW-MW6S-1208		80018-GW-DUP109-0309		80018-GW-MW6S-0309		80018-GW-DUP109-0609		80018-GW-MW6S-0609	
Risk Zone		G*		G*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		6/24/2010 10:30:00 AM		10/7/2010 9:35:00 AM		12/17/2008 1:45:00 PM		3/4/2009 9:05:00 AM		3/4/2009 9:00:00 AM		6/16/2009 9:35:00 AM		6/16/2009 9:30:00 AM	
Sample Type		N		N		N		FD		N		FD		N	
Field Duplicate Parent								80018-GW-MW6S-0309				80018-GW-MW6S-0609			
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	52.9	J	200	U	99.8	U	109	U	200	U	200	U
BARIUM	7440-39-3	200	U	50	J	159	J	132	J	133	J	255	J	245	J
CALCIUM	7440-70-2	40325		43176		151000		124000		127000		139000		139000	
CHROMIUM	7440-47-3	10	U	10	U	10	U	10	U	10	U	10	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	U	25	U	25	U
IRON	7439-89-6	3173		3436		48600		29400		30300		30200		26200	
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ
MAGNESIUM	7439-95-4	4956	J	5014		14600		9130		9420		9900		9800	
MANGANESE	7439-96-5	1646		1555		3800		2690		2800		2200		2240	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	2.4	J	40	U	1.4	U	0.93	U	40	U	40	U
POTASSIUM	7440-09-7	4955	J	5416		15700	J	12200	J	12600	J	12800	J	13000	J
SILVER	7440-22-4	10	UJ	10	U	0.91	J	0.47	J	10	U	10	U	10	U
SODIUM	7440-23-5	56345	J	50034		24300		22600		23100		22200	J	22200	J
ZINC	7440-66-6	51.4	J	58.6	J	60	U	2.7	U	2.7	U	60	U	60	U

Notes:

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B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6		MW6		MW6		MW6		MW6		MW6D		MW6D	
Sample ID		80018-GW-MW6S-0909		80018-GW-MW6S-1209		80018-GW-MW6S-0310		80018-GW-MW6S-0610		80018-GW-MW6S-1010		80018-GW-MW6D-1208		80018-GW-MW6D-0309	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		9/2/2009 4:32:00 PM		12/2/2009 1:05:00 PM		3/11/2010 11:15:00 AM		6/22/2010 4:30:00 PM		10/5/2010 2:30:00 PM		12/18/2008 5:20:00 PM		3/3/2009 3:30:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	57.6	J	200	U	87	U
BARIUM	7440-39-3	256		190	J	118	J	235		290		11.1	J	10.6	J
CALCIUM	7440-70-2	124000		129000		122860		120200		100098		42700		44000	
CHROMIUM	7440-47-3	0.49	J	0.53	J	10	U	10	U	1.8	J	1	J	1.2	J
COPPER	7440-50-8	25	U	25	UJ	1.4	J	25	U	25	U	25	U	25	U
IRON	7439-89-6	26900		29600		33154		21645		20557		100	U	100	U
LEAD	7439-92-1	10	U	10	U	10	UJ	10	U	10	UJ	10	U	10	U
MAGNESIUM	7439-95-4	9510		9680		11414		8446		7048		7510		7720	
MANGANESE	7439-96-5	1980		2310		2948		2127		1054		15	U	3.3	J
MERCURY	7439-97-6	0.2	U	0.06	J	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	1.2	J	40	U	40	U	40	U	5.1	J
POTASSIUM	7440-09-7	13600		11600		11843	J	13113	J	10382	J	2190	J	2600	J
SILVER	7440-22-4	0.85	J	10	UJ	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	22800		23000		18607	J	20789	J	15972	J	8120		9580	
ZINC	7440-66-6	5.1	J	60	U	15.1	J	60	U	60	U	60	U	9.1	U

Notes:

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UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
Sample ID		80018-GW-MW6D-0609		80018-GW-MW6D-0909		80018-GW-DUP02-1209		80018-GW-MW6D-1209		80018-GW-DUP02-0310		80018-GW-MW6D-0310		80018-GW-DUP02-0610	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		6/16/2009 1:55:00 PM		9/2/2009 1:10:00 PM		12/2/2009 10:00:00 AM		12/2/2009 9:00:00 AM		3/11/2010 10:20:00 AM		3/11/2010 10:15:00 AM		6/22/2010 11:10:00 AM	
Sample Type		N		N		FD		N		FD		N		FD	
Field Duplicate Parent						80018-GW-MW6D-1209				80018-GW-MW6D-0310				80018-GW-MW6D-0610	
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	59.9	J	66.6	J	200	U	200	U	200	U
BARIUM	7440-39-3	10.8	J	11.8	J	11.5	J	11.4	J	11.2	J	11.4	J	200	U
CALCIUM	7440-70-2	43800		44800		42700		42300		44048		44706		44648	
CHROMIUM	7440-47-3	1.3	J	1.1	J	1.5	J	0.96	J	1.5	J	1.8	J	10	U
COPPER	7440-50-8	25	U	25	U	25	UJ	25	UJ	25	U	25	U	25	U
IRON	7439-89-6	100	U	100	U	100	UJ	100	UJ	100	U	37.7	J	100	U
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U
MAGNESIUM	7439-95-4	7980		7980		7790		7660		7826		7933		7930	
MANGANESE	7439-96-5	4.2	J	15	U	1.4	J	1.7	J	15	U	15	U	15	U
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	UJ	0.2	UJ	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	2.5	J	40	U
POTASSIUM	7440-09-7	2340	J	2410	J	2460	J	2430	J	2393	J	2508	J	2411	J
SILVER	7440-22-4	10	U	0.68	J	10	UJ	10	UJ	10	U	10	U	10	UJ
SODIUM	7440-23-5	11500	J	8590		8760		8280		8030	J	8250	J	8791	J
ZINC	7440-66-6	60	U	5.4	J	60	U	60	U	3.7	J	2.8	J	33.5	J

Notes:

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B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW6D		MW6D		MW6D		MW9D		MW9D		MW9D		MW9D	
Sample ID		80018-GW-MW6D-0610		80018-GW-DUP01-1010		80018-GW-MW6D-1010		80018-GW-MW9D-1208		80018-GW-MW9D-0309		80018-GW-MW9D-0609		80018-GW-MW9D-0909	
Risk Zone		F*		F*		F*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		6/22/2010 11:00:00 AM		10/5/2010 10:00:00 AM		10/5/2010 9:55:00 AM		12/15/2008 12:10:00 PM		3/5/2009 2:10:00 PM		6/17/2009 9:10:00 AM		9/2/2009 12:05:00 PM	
Sample Type		N		FD		N		N		N		N		N	
Field Duplicate Parent				80018-GW-MW6D-1010											
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	200	U	200	U	200	U	25.1	J	35.7	J	11.1	J	13.1	J
CALCIUM	7440-70-2	44070		37533		46200		24500		26100		23700		22100	
CHROMIUM	7440-47-3	10	U	1.7	J	1.8	J	0.76	U	10	U	10	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	U	25	U	25	U
IRON	7439-89-6	100	U	100	U	100	U	100	U	276		562		430	
LEAD	7439-92-1	10	U	10	UJ	10	UJ	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	7766		6572		8053		4700	J	4410	J	4930	J	4450	J
MANGANESE	7439-96-5	15	U	15	U	15	U	308		249		242		231	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	1.6	J	0.8	J	40	U	40	U
POTASSIUM	7440-09-7	2435	J	2064	J	2511	J	3830	J	4570	J	2970	J	3150	J
SILVER	7440-22-4	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	8784	J	7107	J	8666	J	26900		23900		23300	J	21400	
ZINC	7440-66-6	60	UJ	60	U	60	U	10.9	U	3.1	J	60	U	4.6	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyzed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW9D		MW9D		MW9D		MW9D		MW9S		MW9S		MW9S	
Sample ID		80018-GW-MW9D-1209		80018-GW-MW9D-0310		80018-GW-MW9D-0610		80018-GW-MW9D-1010		80018-GW-MW9S-1208		80018-GW-MW9S-0309		80018-GW-MW9S-0609	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		12/3/2009 9:05:00 AM		3/10/2010 12:45:00 PM		6/23/2010 2:55:00 PM		10/5/2010 3:10:00 PM		12/15/2008 3:35:00 PM		3/5/2009 10:00:00 AM		6/17/2009 12:50:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	16	J	8.6	J	200	U	200	U	165	J	136	J	144	J
CALCIUM	7440-70-2	21300		21026		22469		21837		101000		81800		74400	
CHROMIUM	7440-47-3	10	U	10	U	10	U	10	U	0.73	U	10	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	U	25	U	25	U
IRON	7439-89-6	144		108		137		160		5520	J	1880		1510	
LEAD	7439-92-1	10	U	2.6	J	10	U	10	UJ	10	U	10	U	10	U
MAGNESIUM	7439-95-4	4250	J	4340	J	4561	J	4442	J	6270		4990	J	4630	J
MANGANESE	7439-96-5	191		199		252		218		902		902		773	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	2.1	J	5.8	J	3.2	J
POTASSIUM	7440-09-7	3180	J	2965	J	3165	J	3173	J	6770	J	6190	J	6540	J
SILVER	7440-22-4	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	19700		19620	J	23514	J	21618	J	19200		13700		15400	J
ZINC	7440-66-6	1.2	J	3.8	J	60	UJ	4.9	J	14.8	U	72.4		21.4	J

Notes:

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B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		50 Store Ave.		50 Store Ave.	
Sample Location		MW9S		MW9S		MW9S		MW9S		MW9S		MW4		MW4	
Sample ID		80018-GW-MW9S-0909		80018-GW-MW9S-1209		80018-GW-MW9S-0310		80018-GW-MW9S-0610		80018-GW-MW9S-1010		80018-GW-MW4S-1208		80018-GW-MW4S-0309	
Risk Zone		D1*		D1*		D1*		D1*		D1*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		9/2/2009 9:25:00 AM		12/3/2009 1:25:00 PM		3/11/2010 11:15:00 AM		6/23/2010 11:25:00 AM		10/5/2010 5:25:00 PM		12/17/2008 2:30:00 PM		3/4/2009 10:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	200	U	200	U	102	U
BARIUM	7440-39-3	170	J	157	J	100	J	123	J	234		273		155	J
CALCIUM	7440-70-2	67300		68600		60867		61396		87255		73400		46900	
CHROMIUM	7440-47-3	10	U	0.62	J	10	U	10	U	1.6	J	10	U	10	U
COPPER	7440-50-8	6	J	5	J	6.7	J	25	U	2.8	J	627		605	
IRON	7439-89-6	1200		1950		100	UJ	67.6	J	7993		45.5	U	136	U
LEAD	7439-92-1	10	U	10	U	10	UJ	10	U	10	UJ	18.5		42	
MAGNESIUM	7439-95-4	4230	J	4450	J	4752	J	3632	J	4587	J	6760		4900	J
MANGANESE	7439-96-5	582		724		188		493		2144		120		64.9	
MERCURY	7439-97-6	0.026	J	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	1.8	J	40	U	1.7	J	40	U	40	U	159	J	155	
POTASSIUM	7440-09-7	8370		7010		5075	J	7561	J	7742	J	6860	J	4700	J
SILVER	7440-22-4	3.3	J	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	13700		17100		7493	J	13623	J	20081	J	59700		41400	
ZINC	7440-66-6	32.7	J	23.8	J	45.5	J	29.7	J	13.4	J	6690	J	7010	

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Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4		MW4		MW4		MW4		MW4		MW4		MW4D	
Sample ID		80018-GW-MW4S-0609		80018-GW-MW4S-0909		80018-GW-MW4S-1209		80018-GW-MW4S-0310		80018-GW-MW4S-0610		80018-GW-MW4S-1010		80018-GW-MW4D-1208	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/17/2009 3:20:00 PM		9/1/2009 2:15:00 PM		12/1/2009 11:55:00 AM		3/9/2010 2:55:00 PM		6/22/2010 3:45:00 PM		10/6/2010 9:45:00 AM		12/18/2008 11:20:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	158	J	145	J	161	J	119	J	125	J	184	J	17.8	J
CALCIUM	7440-70-2	54800		39400		48100		33730		35322		79560		12900	
CHROMIUM	7440-47-3	10	U	10	U	0.64	J	10	U	10	U	10	U	10	U
COPPER	7440-50-8	826		621		687		293		695		707		10.2	J
IRON	7439-89-6	100	U	205		108		100	U	91.9	J	714		240	U
LEAD	7439-92-1	39.2	J	39.8		41.4		24.4	J	26.2		60.5		10	U
MAGNESIUM	7439-95-4	5210		4200	J	4770	J	3948	J	4511	J	7372		3170	J
MANGANESE	7439-96-5	95		49.9		78.4		25.2	J	61.1		186		9	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	UJ	0.075	J	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	146		143		153		133		117		139		40	U
POTASSIUM	7440-09-7	4140	J	3980	J	4170	J	3416	J	3842	J	4777	J	1860	J
SILVER	7440-22-4	10	U	0.56	J	10	UJ	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	49000	J	36900		37800		33312	J	29130	J	32996		20200	
ZINC	7440-66-6	6920		5920		7260		5022		5234		6440		60	U

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Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4D		MW4D		MW4D		MW4D		MW4D		MW4D		MW4D	
Sample ID		80018-GW-MW4D-0309		80018-GW-MW4D-0609		80018-GW-MW4D-0909		80018-GW-MW4D-1209		80018-GW-MW4D-0310		80018-GW-MW4D-0610		80018-GW-MW4D-1010	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		3/3/2009 3:10:00 PM		6/18/2009 9:25:00 AM		9/3/2009 10:17:00 AM		12/1/2009 10:10:00 AM		3/9/2010 11:25:00 AM		6/23/2010 10:50:00 AM		10/6/2010 11:10:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	85.1	U	200	U	62.8	J	6.5	J	200	U	200	U	200	U
BARIUM	7440-39-3	15.8	J	17.3	J	21.9	J	18.8	J	15.7	J	200	U	21	J
CALCIUM	7440-70-2	13200		15500		16100		15000		14712		15724		18053	
CHROMIUM	7440-47-3	0.67	J	10	U	0.37	J	0.32	J	10	U	10	U	10	U
COPPER	7440-50-8	5.5	J	25	U	0.99	J	10.5	J	25	U	10.6	J	11.9	J
IRON	7439-89-6	100	U	100	U	25.9	J	100	UJ	101		100	U	100	U
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U
MAGNESIUM	7439-95-4	3070	J	3890	J	3930	J	3730	J	3533	J	3547	J	4314	J
MANGANESE	7439-96-5	9.9	J	15.7		48.8		7.3	J	138	J	15	U	3.1	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	UJ	0.2	U	0.2	U
NICKEL	7440-02-0	2.5	U	1.6	J	40	U	40	U	1.2	J	40	U	1.4	J
POTASSIUM	7440-09-7	2260	J	1730	J	2050	J	2030	J	1888	J	1957	J	2317	J
SILVER	7440-22-4	0.58	J	10	U	0.53	J	10	UJ	10	U	10	U	10	U
SODIUM	7440-23-5	43300		22400	J	23200		21500		23794	J	22060	J	25038	
ZINC	7440-66-6	36.8	J	22.2	J	25	J	23.2	J	14.7	J	23.8	J	24.9	J

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AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D	
Sample ID		80018-GW-DUP107-1208		80018-GW-MW8D-1208		80018-GW-MW8D-0309		80018-GW-MW8D-0609		80018-GW-DUP02-0909		80018-GW-MW8D-0909		80018-GW-DUP01-1209	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		12/16/2008 1:35:00 PM		12/16/2008 1:30:00 PM		3/6/2009 1:40:00 PM		6/17/2009 10:30:00 AM		9/2/2009 9:30:00 AM		9/2/2009 9:05:00 AM		12/1/2009 12:20:00 PM	
Sample Type		FD		N		N		N		FD		N		FD	
Field Duplicate Parent		80018-GW-MW8D-1208								80018-GW-MW8D-0909				80018-GW-MW8D-1209	
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	200	U	200	U	7	J
BARIUM	7440-39-3	28.7	J	28.3	J	35.2	J	35	J	37.3	J	39.9	J	36.8	J
CALCIUM	7440-70-2	47800		46600		49000		49900		49100		50900		47100	
CHROMIUM	7440-47-3	0.49	U	0.49	U	10	U	10	U	10	U	10	U	1.2	J
COPPER	7440-50-8	1.3	U	1.3	U	25	U	25	U	25	U	25	U	25	U
IRON	7439-89-6	100	U	100	U	100	U	100	U	100	U	100	U	26	J
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	14200		13900		14700		15400		14800		15300		14600	
MANGANESE	7439-96-5	81.8		77.8		22.5		20.4		2.1	J	2.5	J	2.2	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ
NICKEL	7440-02-0	2	J	40	U	40	U	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	2560	J	2500	J	2850	J	2400	J	2720	J	2830	J	2580	J
SILVER	7440-22-4	10	U	10	U	10	U	10	U	4.5	J	10	U	10	UJ
SODIUM	7440-23-5	16300		15800		16100		16400	J	16300		16900		16900	
ZINC	7440-66-6	7.2	U	60	U	2.2	J	60	U	60	U	60	U	60	U

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Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D		MW8S	
Sample ID		80018-GW-MW8D-1209		80018-GW-DUP01-0310		80018-GW-MW8D-0310		80018-GW-DUP01-0610		80018-GW-MW8D-0610		80018-GW-MW8D-1010		80018-GW-MW8S-1208	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		12/1/2009 11:55:00 AM		3/9/2010 3:45:00 PM		3/9/2010 3:40:00 PM		6/22/2010 1:50:00 PM		6/22/2010 1:45:00 PM		10/4/2010 5:30:00 PM		12/17/2008 10:20:00 AM	
Sample Type		N		FD		N		FD		N		N		N	
Field Duplicate Parent				80018-GW-MW8D-0310				80018-GW-MW8D-0610							
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	8	J	200	U	68.6	J	200	U	200	U	200	U	145	U
BARIUM	7440-39-3	36.1	J	31.4	J	32.4	J	200	U	200	U	35.7	J	51.4	J
CALCIUM	7440-70-2	47100		44675		44911		52278		50931		49239		37600	
CHROMIUM	7440-47-3	1.2	J	10	U	1.3	J	10	U	10	U	1.3	J	0.74	U
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	U	25	U	3.6	U
IRON	7439-89-6	100	UJ	100	U	92	J	100	U	47.7	J	100	U	144	J
LEAD	7439-92-1	10	U	10	UJ	10	UJ	10	U	10	U	10	UJ	10	U
MAGNESIUM	7439-95-4	14600		13319		13360		15616		15343		14640		5850	
MANGANESE	7439-96-5	2.1	J	15	U	4	J	15	U	15	U	4.6	J	402	
MERCURY	7439-97-6	0.2	UJ	0.2	UJ	0.066	J	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	40	U	3.6	J
POTASSIUM	7440-09-7	2560	J	2399	J	2417	J	2678	J	2670	J	2607	J	3850	J
SILVER	7440-22-4	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U	10	U
SODIUM	7440-23-5	16300		14764	J	14891	J	18439	J	18058	J	18014	J	45000	
ZINC	7440-66-6	60	U	60	U	60	U	60	UJ	132	J	60	U	42.6	U

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Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8S		MW8S		MW8S		MW8S		MW8S		MW8S		MW8S	
Sample ID		80018-GW-MW8S-0309		80018-GW-MW8S-0609		80018-GW-MW8S-0909		80018-GW-MW8S-1209		80018-GW-MW8S-0310		80018-GW-MW8S-0610		80018-GW-MW8S-1010	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		3/6/2009 9:25:00 AM		6/17/2009 8:20:00 AM		9/2/2009 12:35:00 PM		12/1/2009 8:55:00 AM		3/9/2010 11:40:00 AM		6/22/2010 4:20:00 PM		10/4/2010 6:04:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	86.2	J	200	U	73.3	J	81	J	200	U	86.6	J
BARIUM	7440-39-3	51	J	61.9	J	55.8	J	68.6	J	34.1	J	90.1	J	91.5	J
CALCIUM	7440-70-2	24600		26500		23800		24200		21800		24181		26547	
CHROMIUM	7440-47-3	10	U	10	U	10	U	10	U	10	U	10	U	10	U
COPPER	7440-50-8	25	U	25	J	2	J	2.5	J	3.6	J	25	U	2.6	J
IRON	7439-89-6	100	U	100	U	100	U	100	UJ	46	J	100	U	100	U
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	UJ	10	U	10	UJ
MAGNESIUM	7439-95-4	4690	J	5720		5080		4850	J	3857	J	3846	J	4827	J
MANGANESE	7439-96-5	72.2		23.6		21.4		75.1		37.9	J	15	U	4.1	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	UJ	0.2	U	0.2	U
NICKEL	7440-02-0	2.4	J	1.9	J	1.1	J	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	3280	J	2840	J	2750	J	3010	J	3099	J	3280	J	3474	J
SILVER	7440-22-4	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
SODIUM	7440-23-5	35700		43800	J	37600		45700		37488	J	64688	J	57622	J
ZINC	7440-66-6	51.8	J	43.6	J	50.9	J	51.7	J	29.8	J	55.8	J	56.3	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
Sample Location		MW10		MW10		MW10		MW10		MW10		MW10		MW10	
Sample ID		80018-GW-MW10-1208		80018-GW-DUP110-0309		80018-GW-MW10-0309		80018-GW-MW10-0609		80018-GW-MW10-0909		80018-GW-MW10-1209		80018-GW-MW10-0310	
Risk Zone		H*		H*		H*		H*		H*		H*		H*	
Top Depth															
Bottom Depth															
Sample Date		12/16/2008 2:55:00 PM		3/4/2009 2:05:00 PM		3/4/2009 2:00:00 PM		6/15/2009 5:40:00 PM		9/2/2009 3:40:00 PM		12/3/2009 10:15:00 AM		3/12/2010 9:20:00 AM	
Sample Type		N		FD		N		N		N		N		N	
Field Duplicate Parent				80018-GW-MW10-0309											
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	99.9	U	111	U	200	U	200	U	4	J	200	U
BARIUM	7440-39-3	673		587	J	562	J	689	J	886		912		618	
CALCIUM	7440-70-2	126000		130000		130000		132000		135000		143000		146800	
CHROMIUM	7440-47-3	10	U	10	U	10	U	10	U	10	U	0.94	J	10	U
COPPER	7440-50-8	1.9	U	25	U	25	U	25	U	0.84	J	25	U	23.1	J
IRON	7439-89-6	5420	J	6380		6270		7630		7990		9140		4618	
LEAD	7439-92-1	10	U	2.1	J	4.1	J	10	UJ	10	U	3.8	J	10	UJ
MAGNESIUM	7439-95-4	7060		7280		7260		7110		7520		8180		8196	
MANGANESE	7439-96-5	729		789		807		601		559		730		636	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	15.8	J	20.2	J	19.4	J	19.9	J	18.4	J	17.3	J	22.3	J
POTASSIUM	7440-09-7	6810	J	7290	J	7270	J	6060	J	7590		7780		7261	J
SILVER	7440-22-4	10	U	10	U	10	U	10	U	0.64	J	10	U	10	U
SODIUM	7440-23-5	25500		27800		27800		27800	J	32000		33700		35147	J
ZINC	7440-66-6	2510	J	2740		2710		2040	J	1550		1430		2039	

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Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		87 Store Ave.		87 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW10		MW10		MW7D		MW7D		MW7D		MW7D		MW7D	
Sample ID		80018-GW-MW10-0610		80018-GW-MW10-1010		80018-GW-MW7D-1208		80018-GW-MW7D-0309		80018-GW-MW7D-0609		80018-GW-MW7D-0909		80018-GW-MW7D-1209	
Risk Zone		H*		H*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		6/23/2010 1:50:00 PM		10/7/2010 11:10:00 AM		12/15/2008 1:45:00 PM		3/5/2009 1:15:00 PM		6/17/2009 10:20:00 AM		9/1/2009 2:55:00 PM		12/1/2009 2:30:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	40.7	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	596		738		10.6	J	12.1	J	13.1	J	13.6	J	13	J
CALCIUM	7440-70-2	106020		125400		37900		38900		41700		40100		36200	
CHROMIUM	7440-47-3	10	U	10	U	1.7	U	0.94	J	1.2	J	10	U	1.2	J
COPPER	7440-50-8	25	U	25	U	0.68	U	25	U	25	U	25	U	25	UJ
IRON	7439-89-6	5210		4142		100	U	100	U	100	U	100	U	100	UJ
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	5938		6068		5590		5740		6390		5950		5470	
MANGANESE	7439-96-5	394		477		10.7	J	3.2	J	0.92	J	15	U	4.2	J
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ
NICKEL	7440-02-0	15	J	16.1	J	40	U	0.84	J	40	U	40	U	40	U
POTASSIUM	7440-09-7	5654	J	6346		2570	J	2850	J	2580	J	2870	J	2600	J
SILVER	7440-22-4	10	UJ	10	U	10	U	10	U	10	U	3.6	J	10	UJ
SODIUM	7440-23-5	27817	J	20829		9890		9670		9760	J	9380		8880	
ZINC	7440-66-6	1194	J	1513		3.1	U	2.7	J	60	U	60	U	60	U

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Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7D		MW7D		MW7D		MW7S		MW7S		MW7S		MW7S	
Sample ID		80018-GW-MW7D-0310		80018-GW-MW7D-0610		80018-GW-MW7D-1010		80018-GW-MW7S-1208		80018-GW-MW7S-0309		80018-GW-MW7S-0609		80018-GW-MW7S-0809	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		3/10/2010 2:05:00 PM		6/24/2010 6:00:00 PM		10/5/2010 10:40:00 AM		12/16/2008 10:10:00 AM		3/5/2009 10:00:00 AM		6/17/2009 1:30:00 PM		8/31/2009 3:40:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	13.6	J	200	U	200	U	358		308		436	J	424	
CALCIUM	7440-70-2	39614		41658		39987		57100		77400		93100		86800	
CHROMIUM	7440-47-3	1.5	J	10	U	1.7	J	0.41	U	10	U	10	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	0.88	U	96.4		71.7		125	
IRON	7439-89-6	100	U	100	U	100	U	12300	J	7540		10700		5640	
LEAD	7439-92-1	10	UJ	10	U	10	UJ	2.7	J	10	U	10	U	10	U
MAGNESIUM	7439-95-4	5855		6139		5882		4780	J	6180		8600		7390	
MANGANESE	7439-96-5	15	U	15	U	15	U	218		299		334		223	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	29.9	J	41.3		47.3		45.1	
POTASSIUM	7440-09-7	2679	J	2773	J	2662	J	3900	J	5390	J	6340	J	7120	
SILVER	7440-22-4	10	U	10	UJ	10	U	10	U	10	U	10	U	3.6	J
SODIUM	7440-23-5	8771	J	10087	J	9049	J	17600		41200		48000	J	51600	
ZINC	7440-66-6	0.71	J	60	UJ	60	U	3800	J	8110		8580		6730	

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Appendix G
Analytical Data Summary
AES Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.
Sample Location		MW7S		MW7S		MW7S		MW7S
Sample ID		80018-GW-MW7S-1209		80018-GW-MW7S-0310		80018-GW-MW7S-0610		80018-GW-MW7S-1010
Risk Zone		F*		F*		F*		F*
Top Depth								
Bottom Depth								
Sample Date		12/1/2009 11:45:00 AM		3/10/2010 3:05:00 PM		6/24/2010 10:10:00 AM		10/5/2010 10:00:00 AM
Sample Type		N		N		N		N
Field Duplicate Parent								
Unit		µg/L		µg/L		µg/L		µg/L
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	258		454		405		611	
CALCIUM	7440-70-2	52100		76805		79660		98712	
CHROMIUM	7440-47-3	0.47	J	10	U	10	U	10	U
COPPER	7440-50-8	79.3		44.5		104		28.6	
IRON	7439-89-6	3350		12614		3870		15192	
LEAD	7439-92-1	10	U	10	UJ	10	U	10	UJ
MAGNESIUM	7439-95-4	4240	J	6865		7036		9082	
MANGANESE	7439-96-5	149		208		239		267	
MERCURY	7439-97-6	0.2	UJ	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	30.7	J	40.6		46.7		38.1	J
POTASSIUM	7440-09-7	4120	J	5274	J	6043	J	6653	J
SILVER	7440-22-4	10	UJ	10	U	10	UJ	10	U
SODIUM	7440-23-5	17800		43171	J	52263	J	46749	J
ZINC	7440-66-6	5270		5489		6981	J	5074	

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B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3		MW3		MW3		MW3		MW3	
Sample ID		80018-GW-DUP108-1208		80018-GW-MW3S-1208		80018-GW-MW3S-0309		80018-GW-MW3S-0609		80018-GW-MW3S-0909		80018-GW-MW3S-1209		80018-GW-MW3S-0310	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		12/18/2008 12:00:00 PM		12/18/2008 10:45:00 AM		3/3/2009 10:50:00 AM		6/16/2009 12:20:00 PM		9/1/2009 2:15:00 PM		12/2/2009 10:30:00 AM		3/9/2010 4:55:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW3S-1208													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	UJ	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	0.76	J	0.75	J	1	U	0.56	J	1	U	0.69	J	0.57	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.062	J	0.071	J	1	UJ	1	UJ	1	UJ	1	UJ	0.038	J
COBALT	7440-48-4	1.5		1.5		0.94	J	0.84	J	1	UJ	0.74	J	1.9	J
SELENIUM	7782-49-2	0.53	J	0.45	J	5	U	5	U	5	U	5	U	5	UJ
THALLIUM	7440-28-0	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U
VANADIUM	7440-62-2	219	J	204	J	93	J	76	J	84.7		106		99.4	

Notes:

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Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3		MW3		MW3B		MW3B		MW3B		MW3B		MW3B	
Sample ID		80018-GW-MW3S-0610		80018-GW-MW3S-1010		80018-GW-MW3B-1208		80018-GW-MW3B-0309		80018-GW-MW3B-0609		80018-GW-MW3B-0909		80018-GW-MW3B-1209	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		6/24/2010 12:50:00 PM		10/7/2010 9:50:00 AM		12/18/2008 3:25:00 PM		3/3/2009 3:05:00 PM		6/16/2009 2:20:00 PM		9/1/2009 12:30:00 PM		12/2/2009 4:20:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	0.68	J	2	UJ	2	U	2	U	2	U
ARSENIC	7440-38-2	0.5	J	1	U	0.71	J	1	U	1	U	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	U	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
COBALT	7440-48-4	0.93	J	1.3		0.25	J	1	U	1	U	1	UJ	0.049	J
SELENIUM	7782-49-2	5	U	5	U	0.85	J	5	U	5	U	5	U	0.37	J
THALLIUM	7440-28-0	1	U	1	UJ	1	U	1	U	1	U	1	UJ	1	U
VANADIUM	7440-62-2	85.2		157		16.6	J	3.4	J	0.86	J	2	J	1.7	J

Notes:

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Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Sample Location		MW3B		MW3B		MW3B		MW3D		MW3D		MW3D		MW3D	
Sample ID		80018-GW-MW3B-0310		80018-GW-MW3B-0610		80018-GW-MW3B-1010		80018-GW-MW3D-1208		80018-GW-MW3D-0309		80018-GW-MW3D-0609		80018-GW-MW3D-0909	
Risk Zone		J*		J*		J*		J*		J*		J*		J*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 3:00:00 PM		6/25/2010 10:30:00 AM		10/7/2010 4:05:00 PM		12/21/2008 10:25:00 AM		3/4/2009 9:25:00 AM		6/16/2009 9:00:00 AM		8/31/2009 10:15:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	UJ	2	UUJ	2	U	2	U
ARSENIC	7440-38-2	0.15	J	1	U	1	U	1	UJ	0.15	J	1	UJ	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.032	J	1	U	1	U	0.03	J	1	UJ	1	UJ	1	UJ
COBALT	7440-48-4	1	U	1	U	0.037	J	0.12	J	0.07	J	1	U	1	UJ
SELENIUM	7782-49-2	5	UJ	5	U	5	U	0.74	J	0.76	J	1	J	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	1	U	0.015	J	1	U	1	UJ
VANADIUM	7440-62-2	5	UJ	1.6	J	1.6	J	5	UJ	2.2	J	1.8	J	1.9	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW3D		MW3D		MW3D		MW3D		MW3D		MW11D		MW11D	
Sample ID		80018-GW-MW3D-1209		80018-GW-MW3D-0310		80018-GW-MW3D-0610		80018-GW-DUP02-1010		80018-GW-MW3D-1010		80018-GW-MW11D-1208		80018-GW-MW11D-0309	
Risk Zone		J*		J*		J*		J*		J*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		12/2/2009 12:50:00 PM		3/9/2010 10:25:00 AM		6/24/2010 10:05:00 AM		10/7/2010 12:25:00 PM		10/7/2010 12:20:00 PM		12/15/2008 1:35:00 PM		3/5/2009 3:50:00 PM	
Sample Type		N		N		N		FD		N		N		N	
Field Duplicate Parent								80018-GW-MW3D-1010							
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ
ARSENIC	7440-38-2	1	U	0.2	J	0.34	J	1	U	1	U	1	UJ	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	0.013	J	1	U	0.007	J	1	U	0.1	J	0.058	J
COBALT	7440-48-4	0.057	J	0.078	J	1	U	1	U	1	U	1.9	J	1.3	
SELENIUM	7782-49-2	0.48	J	0.22	J	5	U	0.24	J	0.39	J	0.52	J	0.41	J
THALLIUM	7440-28-0	0.37	J	1	U	1	U	2	U	1	U	1	U	0.014	J
VANADIUM	7440-62-2	1.5	J	5	UJ	2.8	J	3	J	2.9	J	0.24	J	0.21	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D		MW11D	
Sample ID		80018-GW-DUP110-0609		80018-GW-MW11D-0609		80018-GW-MW11D-0909		80018-GW-MW11D-1209		80018-GW-MW11D-0310		80018-GW-MW11D-0610		80018-GW-MW11D-1010	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		6/16/2009 12:05:00 PM		6/16/2009 12:25:00 PM		9/2/2009 9:46:00 AM		12/2/2009 11:10:00 AM		3/11/2010 2:05:00 PM		6/21/2010 4:35:00 PM		10/6/2010 3:15:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW11D-0609													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	1	UJ	1	UJ	0.039	J	1	U	1	UJ
COBALT	7440-48-4	1.4	J	1.3	J	1	UJ	1.3	J	0.55	J	1	U	0.49	J
SELENIUM	7782-49-2	5	U	5	U	5	U	0.25	J	5	U	5	U	5	U
THALLIUM	7440-28-0	1	U	1	U	1	UJ	1	U	1	U	1	U	1	UJ
VANADIUM	7440-62-2	0.24	J	0.24	J	5	UJ	5	U	5	UJ	5	U	0.3	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11S		MW11S		MW11S		MW11S		MW11S		MW11S		MW11S	
Sample ID		80018-GW-MW11S-1208		80018-GW-MW11S-0309		80018-GW-MW11S-0609		80018-GW-MW11S-0909		80018-GW-MW11S-1209		80018-GW-MW11S-0310		80018-GW-MW11S-0610	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		12/16/2008 1:20:00 PM		3/6/2009 4:30:00 PM		6/16/2009 4:10:00 PM		9/1/2009 5:00:00 PM		12/2/2009 2:20:00 PM		3/11/2010 10:40:00 AM		6/23/2010 4:15:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	1.3	J	1.2		1.9		4.4		2.3		2.8	J	3.6	J
BERYLLIUM	7440-41-7	0.1	J	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.14	J	1	UJ	1	UJ	1	UJ	1	UJ	0.012	J	1	U
COBALT	7440-48-4	1.8	J	0.65	J	1	U	1	UJ	0.61	J	0.68	J	1	U
SELENIUM	7782-49-2	0.55	J	0.23	J	5	U	5	U	0.26	J	5	U	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U
VANADIUM	7440-62-2	7.3	J	0.55	J	1.7	J	5	UJ	0.34	J	5	UJ	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW11S		MW12D		MW12D		MW12D		MW12D		MW12D		MW12D	
Sample ID		80018-GW-MW11S-1010		80018-GW-MW12D-1208		80018-GW-MW12D-0309		80018-GW-MW12D-0609		80018-GW-DUP01-0809		80018-GW-MW12D-0809		80018-GW-MW12D-1209	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		10/7/2010 8:30:00 AM		12/17/2008 2:10:00 PM		3/6/2009 10:20:00 AM		6/15/2009 4:30:00 PM		8/31/2009 4:35:00 PM		8/31/2009 4:30:00 PM		11/30/2009 4:10:00 PM	
Sample Type		N		N		N		N		FD		N		N	
Field Duplicate Parent										80018-GW-MW12D-0809					
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	UJ	2	UJ	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	3.4	J	1	UJ	0.13	J	1	UJ	1	U	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
COBALT	7440-48-4	0.9	J	0.25	J	0.12	J	1	U	1	UJ	1	UJ	0.076	J
SELENIUM	7782-49-2	5	U	0.84	J	0.71	J	5	U	5	U	5	U	0.71	J
THALLIUM	7440-28-0	1	UJ	1	U	1	U	1	U	1	UJ	1	UJ	1	U
VANADIUM	7440-62-2	0.81	J	0.45	J	0.59	J	0.45	J	5	UJ	5	UJ	0.47	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
Sample Location		MW12D		MW12D		MW12D		MW12S		MW12S		MW12S		MW12S	
Sample ID		80018-GW-MW12D-0310		80018-GW-MW12D-0610		80018-GW-MW12D-1010		80018-GW-MW12S-1208		80018-GW-MW12S-0309		80018-GW-MW12S-0609		80018-GW-MW12S-0909	
Risk Zone		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
Top Depth															
Bottom Depth															
Sample Date		3/11/2010 4:25:00 PM		6/22/2010 10:20:00 AM		10/6/2010 3:30:00 PM		12/17/2008 11:50:00 AM		3/6/2009 12:20:00 PM		6/16/2009 8:00:00 AM		9/1/2009 8:00:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	1.3	J	2	UJ	2	U	2	U
ARSENIC	7440-38-2	1	U	1	U	1	U	4.4	J	3.5		4.6	J	7.9	
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	0.031	J	1	U	1	U
CADMIUM	7440-43-9	0.018	J	1	U	1	UJ	1	UJ	0.15	J	1	U	1	UJ
COBALT	7440-48-4	0.067	J	1	U	1	U	0.81	J	0.76	J	0.85	J	1.5	J
SELENIUM	7782-49-2	5	U	5	U	5	U	2.1	J	1.3	J	1.9	J	5	U
THALLIUM	7440-28-0	1	U	1	U	1	UJ	1	U	1	U	1	U	1	UJ
VANADIUM	7440-62-2	5	UJ	5	U	0.42	J	7.2	J	12.2	J	2.3	J	7.8	

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		119 Store Ave.		119 Store Ave.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
Sample Location		MW12S		MW12S		MW5		MW5		MW5		MW5		MW5		MW5	
Sample ID		80018-GW-MW12S-0310		80018-GW-MW12S-0610		80018-GW-MW5-1208		80018-GW-MW5-0309		80018-GW-MW5-0609		80018-GW-MW5-0909		80018-GW-MW5-1209		80018-GW-MW5-0310	
Risk Zone		E1*		E1*		G*		G*		G*		G*		G*		G*	
Top Depth																	
Bottom Depth																	
Sample Date		3/8/2010 4:40:00 PM		6/22/2010 11:25:00 AM		12/18/2008 3:15:00 PM		3/6/2009 10:35:00 AM		6/18/2009 8:25:00 AM		9/3/2009 8:45:00 AM		12/1/2009 2:55:00 PM		3/11/2010 2:55:00 PM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	UJ	2	UJ	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	2.8	J	5.3	J	0.4	J	0.33	J	1	U	1	U	1	U	0.31	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.22	J	1	U	0.34	J	0.62	J	1	UJ	1	UJ	0.22	J	0.25	J
COBALT	7440-48-4	15	J	9.7		9.5		9.9		11		13.4		11.3	J	10.5	J
SELENIUM	7782-49-2	0.41	J	5	U	0.33	J	0.15	J	5	U	5	U	5	U	5	U
THALLIUM	7440-28-0	1	U	1	U	0.11	J	0.13	J	1	U	1	UJ	1	U	1	U
VANADIUM	7440-62-2	13.4	J	51.6		5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		235 Meriden Rd.		235 Meriden Rd.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW5		MW5		MW6		MW6		MW6		MW6		MW6	
Sample ID		80018-GW-MW5-0610		80018-GW-MW5-1010		80018-GW-MW6S-1208		80018-GW-DUP109-0309		80018-GW-MW6S-0309		80018-GW-DUP109-0609		80018-GW-MW6S-0609	
Risk Zone		G*		G*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		6/24/2010 10:30:00 AM		10/7/2010 9:35:00 AM		12/17/2008 1:45:00 PM		3/4/2009 9:05:00 AM		3/4/2009 9:00:00 AM		6/16/2009 9:35:00 AM		6/16/2009 9:30:00 AM	
Sample Type		N		N		N		FD		N		FD		N	
Field Duplicate Parent								80018-GW-MW6S-0309				80018-GW-MW6S-0609			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	UJ	2	UJ	2	UJ	2	U	2	U
ARSENIC	7440-38-2	0.42	J	1	U	6.8	J	2.7		2.6		5.8	J	8.8	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	U	1	UJ	0.056	J	1	UJ	1	UJ	1	U	1	U
COBALT	7440-48-4	9.1		9.5		1.1		0.26	J	0.26	J	0.31	J	0.38	J
SELENIUM	7782-49-2	5	U	5	U	0.89	J	5	U	5	U	5	U	5	U
THALLIUM	7440-28-0	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
VANADIUM	7440-62-2	5	U	5	U	5	UJ	1.4	J	1.6	J	1.6	J	4.4	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6		MW6		MW6		MW6		MW6		MW6D		MW6D	
Sample ID		80018-GW-MW6S-0909		80018-GW-MW6S-1209		80018-GW-MW6S-0310		80018-GW-MW6S-0610		80018-GW-MW6S-1010		80018-GW-MW6D-1208		80018-GW-MW6D-0309	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		9/2/2009 4:32:00 PM		12/2/2009 1:05:00 PM		3/11/2010 11:15:00 AM		6/22/2010 4:30:00 PM		10/5/2010 2:30:00 PM		12/18/2008 5:20:00 PM		3/3/2009 3:30:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ
ARSENIC	7440-38-2	2.4		3.1		2.6	J	2.5	J	9	J	1	UJ	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	0.0078	J	1	U	1	UJ	1	UJ	1	UJ
COBALT	7440-48-4	1	UJ	0.26	J	1	J	1	U	1	U	0.16	J	1	U
SELENIUM	7782-49-2	5	U	5	U	5	U	5	U	R		0.71	J	5	U
THALLIUM	7440-28-0	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
VANADIUM	7440-62-2	1.4	J	0.81	J	5	UJ	1.6	J	1.6	J	2.7	J	2.5	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
Sample Location		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D		MW6D	
Sample ID		80018-GW-MW6D-0609		80018-GW-MW6D-0909		80018-GW-DUP02-1209		80018-GW-MW6D-1209		80018-GW-DUP02-0310		80018-GW-MW6D-0310		80018-GW-DUP02-0610	
Risk Zone		F*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		6/16/2009 1:55:00 PM		9/2/2009 1:10:00 PM		12/2/2009 10:00:00 AM		12/2/2009 9:00:00 AM		3/11/2010 10:20:00 AM		3/11/2010 10:15:00 AM		6/22/2010 11:10:00 AM	
Sample Type		N		N		FD		N		FD		N		FD	
Field Duplicate Parent						80018-GW-MW6D-1209				80018-GW-MW6D-0310				80018-GW-MW6D-0610	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	1	U	1	U	1	U	1	U	0.29	J	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	1	UJ	1	UJ	1	U	0.0078	J	1	U
COBALT	7440-48-4	1	U	1	UJ	0.083	J	0.083	J	0.071	J	0.071	J	1	U
SELENIUM	7782-49-2	5	U	5	U	0.56	J	0.54	J	5	U	5	U	5	U
THALLIUM	7440-28-0	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
VANADIUM	7440-62-2	2.4	J	2.3	J	2.2	J	2.1	J	5	UJ	5	UJ	1.9	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW6D		MW6D		MW6D		MW9D		MW9D		MW9D		MW9D	
Sample ID		80018-GW-MW6D-0610		80018-GW-DUP01-1010		80018-GW-MW6D-1010		80018-GW-MW9D-1208		80018-GW-MW9D-0309		80018-GW-MW9D-0609		80018-GW-MW9D-0909	
Risk Zone		F*		F*		F*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		6/22/2010 11:00:00 AM		10/5/2010 10:00:00 AM		10/5/2010 9:55:00 AM		12/15/2008 12:10:00 PM		3/5/2009 2:10:00 PM		6/17/2009 9:10:00 AM		9/2/2009 12:05:00 PM	
Sample Type		N		FD		N		N		N		N		N	
Field Duplicate Parent				80018-GW-MW6D-1010											
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	UJ	2	UJ	2	U	2	U
ARSENIC	7440-38-2	1	U	1	U	1	U	1	UJ	0.34	J	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	U	1	UJ	1	UJ	0.07	J	0.041	J	1	UJ	1	UJ
COBALT	7440-48-4	1	U	1	U	1	U	1.4	J	0.87	J	1	U	1	UJ
SELENIUM	7782-49-2	5	U	R		R		0.41	J	0.35	J	5	U	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ
VANADIUM	7440-62-2	2	J	1.9	J	2.1	J	0.54	J	0.88	J	5	UJ	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
Sample Location		MW9D		MW9D		MW9D		MW9D		MW9S		MW9S		MW9S	
Sample ID		80018-GW-MW9D-1209		80018-GW-MW9D-0310		80018-GW-MW9D-0610		80018-GW-MW9D-1010		80018-GW-MW9S-1208		80018-GW-MW9S-0309		80018-GW-MW9S-0609	
Risk Zone		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
Top Depth															
Bottom Depth															
Sample Date		12/3/2009 9:05:00 AM		3/10/2010 12:45:00 PM		6/23/2010 2:55:00 PM		10/5/2010 3:10:00 PM		12/15/2008 3:35:00 PM		3/5/2009 10:00:00 AM		6/17/2009 12:50:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U
ARSENIC	7440-38-2	1	U	1	U	1	U	1	U	4.3	J	2.5		1.9	
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	0.067	J	1	U	1	UJ	0.069	J	0.3	J	1	UJ
COBALT	7440-48-4	0.32	J	0.27	J	1	U	0.33	J	1	J	4.8		4.5	
SELENIUM	7782-49-2	5	U	5	U	5	U	R		0.79	J	0.96	J	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	1	U	1	U	0.11	J	1	U
VANADIUM	7440-62-2	0.71	J	5	UJ	5	U	0.45	J	2.7	J	2.3	J	2.6	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW9S		MW9S		MW9S		MW9S		MW9S		MW4		MW4		MW4	
Sample ID		80018-GW-MW9S-0909		80018-GW-MW9S-1209		80018-GW-MW9S-0310		80018-GW-MW9S-0610		80018-GW-MW9S-1010		80018-GW-MW4S-1208		80018-GW-MW4S-0309		80018-GW-MW4S-0609	
Risk Zone		D1*		D1*		D1*		D1*		D1*		I*		I*		I*	
Top Depth																	
Bottom Depth																	
Sample Date		9/2/2009 9:25:00 AM		12/3/2009 1:25:00 PM		3/11/2010 11:15:00 AM		6/23/2010 11:25:00 AM		10/5/2010 5:25:00 PM		12/17/2008 2:30:00 PM		3/4/2009 10:00:00 AM		6/17/2009 3:20:00 PM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U
ARSENIC	7440-38-2	2.9		2.5		0.66	J	1.6	J	13.6	J	0.83	J	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	0.35	J	0.46	J	1	U	1	UJ	25.1	J	23.5	J	25	J
COBALT	7440-48-4	3	J	1.4	J	0.34	J	1	U	3.1	J	2.2	J	1.3		1.6	
SELENIUM	7782-49-2	5	U	1.4	J	1.5	J	5	U	R		3.5	J	5	U	5	U
THALLIUM	7440-28-0	1	UJ	0.15	J	1	U	1	U	1	U	0.21	J	1	U	1	U
VANADIUM	7440-62-2	5.9		2.2	J	5.5	UJ	4.6	J	1.6	J	0.11	J	5	UJ	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4		MW4		MW4		MW4		MW4		MW4D		MW4D	
Sample ID		80018-GW-MW4S-0909		80018-GW-MW4S-1209		80018-GW-MW4S-0310		80018-GW-MW4S-0610		80018-GW-MW4S-1010		80018-GW-MW4D-1208		80018-GW-MW4D-0309	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		9/1/2009 2:15:00 PM		12/1/2009 11:55:00 AM		3/9/2010 2:55:00 PM		6/22/2010 3:45:00 PM		10/6/2010 9:45:00 AM		12/18/2008 11:20:00 AM		3/3/2009 3:10:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	0.51	J	2	U	2	U	2	U	2	UJ	2	UJ
ARSENIC	7440-38-2	1	U	1	U	0.45	J	1	U	0.56	J	1	UJ	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	21		23.4		19.9	J	20.6		18.1	J	0.1	J	1	UJ
COBALT	7440-48-4	0.86	J	1.3	J	0.44	J	1	U	1.8		0.18	J	1	U
SELENIUM	7782-49-2	1.2	J	1.2	J	1.6	J	1.3	J	5	U	0.47	J	5	U
THALLIUM	7440-28-0	1	UJ	1	U	1	U	1	U	1	UJ	1	U	1	U
VANADIUM	7440-62-2	5	UJ	5	U	5	UJ	5	U	5	U	5	UJ	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW4D		MW4D		MW4D		MW4D		MW4D		MW4D		MW8D	
Sample ID		80018-GW-MW4D-0609		80018-GW-MW4D-0909		80018-GW-MW4D-1209		80018-GW-MW4D-0310		80018-GW-MW4D-0610		80018-GW-MW4D-1010		80018-GW-DUP107-1208	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		6/18/2009 9:25:00 AM		9/3/2009 10:17:00 AM		12/1/2009 10:10:00 AM		3/9/2010 11:25:00 AM		6/23/2010 10:50:00 AM		10/6/2010 11:10:00 AM		12/16/2008 1:35:00 PM	
Sample Type		N		N		N		N		N		N		FD	
Field Duplicate Parent														80018-GW-MW8D-1208	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ
ARSENIC	7440-38-2	1	U	1	U	1	U	0.18	J	1	U	1	U	1	UJ
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	1	UJ	0.049	J	1	U	1	UJ	1	UJ
COBALT	7440-48-4	1	U	1	UJ	0.061	J	0.26	J	1	U	1	U	1	UJ
SELENIUM	7782-49-2	5	U	5	U	0.3	J	5	UJ	5	U	5	U	5	U
THALLIUM	7440-28-0	1	U	1	UJ	1	U	1	U	1	U	1	UJ	1	U
VANADIUM	7440-62-2	5	UJ	5	UJ	5	U	5	UJ	5	U	5	U	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D		MW8D	
Sample ID		80018-GW-MW8D-1208		80018-GW-MW8D-0309		80018-GW-MW8D-0609		80018-GW-DUP02-0909		80018-GW-MW8D-0909		80018-GW-DUP01-1209		80018-GW-MW8D-1209	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		12/16/2008 1:30:00 PM		3/6/2009 1:40:00 PM		6/17/2009 10:30:00 AM		9/2/2009 9:30:00 AM		9/2/2009 9:05:00 AM		12/1/2009 12:20:00 PM		12/1/2009 11:55:00 AM	
Sample Type		N		N		N		FD		N		FD		N	
Field Duplicate Parent								80018-GW-MW8D-0909				80018-GW-MW8D-1209			
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	U	2	U	2	U	0.34	J	2	U
ARSENIC	7440-38-2	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.18	J	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
COBALT	7440-48-4	0.27	J	0.12	J	1	U	1	UJ	1	UJ	0.085	J	0.077	J
SELENIUM	7782-49-2	0.73	J	0.58	J	5	U	5	U	5	U	0.48	J	0.4	J
THALLIUM	7440-28-0	1	U	1	U	1	U	1	UJ	1	UJ	1	U	1	U
VANADIUM	7440-62-2	1	J	1.9	J	1.7	J	1.5	J	1.6	J	1.4	J	1.5	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

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Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
Sample Location		MW8D		MW8D		MW8D		MW8D		MW8D		MW8S		MW8S	
Sample ID		80018-GW-DUP01-0310		80018-GW-MW8D-0310		80018-GW-DUP01-0610		80018-GW-MW8D-0610		80018-GW-MW8D-1010		80018-GW-MW8S-1208		80018-GW-MW8S-0309	
Risk Zone		I*		I*		I*		I*		I*		I*		I*	
Top Depth															
Bottom Depth															
Sample Date		3/9/2010 3:45:00 PM		3/9/2010 3:40:00 PM		6/22/2010 1:50:00 PM		6/22/2010 1:45:00 PM		10/4/2010 5:30:00 PM		12/17/2008 10:20:00 AM		3/6/2009 9:25:00 AM	
Sample Type		FD		N		FD		N		N		N		N	
Field Duplicate Parent		80018-GW-MW8D-0310				80018-GW-MW8D-0610									
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ
ARSENIC	7440-38-2	0.096	J	0.089	J	1	U	1	U	1	U	1	UJ	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.012	J	0.014	J	1	U	1	U	1	UJ	1	UJ	0.53	J
COBALT	7440-48-4	0.098	J	0.11	J	1	U	1	U	1	U	5.4	J	5.4	
SELENIUM	7782-49-2	0.28	J	5	UJ	5	U	5	U	R		1.8	J	0.61	J
THALLIUM	7440-28-0	1	U	1	U	1	U	1	U	1	U	0.081	J	0.049	J
VANADIUM	7440-62-2	5	UJ	5	UJ	1.5	J	1.4	J	1.6	J	0.37	J	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		87 Store Ave.	
Sample Location		MW8S		MW8S		MW8S		MW8S		MW8S		MW8S		MW10	
Sample ID		80018-GW-MW8S-0609		80018-GW-MW8S-0909		80018-GW-MW8S-1209		80018-GW-MW8S-0310		80018-GW-MW8S-0610		80018-GW-MW8S-1010		80018-GW-MW10-1208	
Risk Zone		I*		I*		I*		I*		I*		I*		H*	
Top Depth															
Bottom Depth															
Sample Date		6/17/2009 8:20:00 AM		9/2/2009 12:35:00 PM		12/1/2009 8:55:00 AM		3/9/2010 11:40:00 AM		6/22/2010 4:20:00 PM		10/4/2010 6:04:00 PM		12/16/2008 2:55:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ
ARSENIC	7440-38-2	1	U	1	U	1	U	0.14	J	1	U	1	U	4.8	J
BERYLLIUM	7440-41-7	1	U	1	U	0.025	J	1	U	1	U	0.034	J	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	0.52	J	0.32	J	1	U	0.51	J	0.72	J
COBALT	7440-48-4	9.1		8.9	J	4.9	J	1.1	J	6.5		10	J	2.9	J
SELENIUM	7782-49-2	5	U	5	U	0.28	J	0.24	J	5	U	R		0.6	J
THALLIUM	7440-28-0	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
VANADIUM	7440-62-2	5	UJ	5	UJ	5	U	5	UJ	5	U	0.26	J	1.2	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
Sample Location		MW10		MW10		MW10		MW10		MW10		MW10		MW10	
Sample ID		80018-GW-DUP110-0309		80018-GW-MW10-0309		80018-GW-MW10-0609		80018-GW-MW10-0909		80018-GW-MW10-1209		80018-GW-MW10-0310		80018-GW-MW10-0610	
Risk Zone		H*		H*		H*		H*		H*		H*		H*	
Top Depth															
Bottom Depth															
Sample Date		3/4/2009 2:05:00 PM		3/4/2009 2:00:00 PM		6/15/2009 5:40:00 PM		9/2/2009 3:40:00 PM		12/3/2009 10:15:00 AM		3/12/2010 9:20:00 AM		6/23/2010 1:50:00 PM	
Sample Type		FD		N		N		N		N		N		N	
Field Duplicate Parent		80018-GW-MW10-0309													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	5.1		5.2		7.9	J	8		8.3		4.8	J	4.7	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.44	J	0.45	J	1	UJ	1	UJ	1	UJ	2.6		1	U
COBALT	7440-48-4	3.4		3.7		2.3	J	1.5		1.4	J	2.3	J	1.2	U
SELENIUM	7782-49-2	5	U	5	U	5	U	5	U	0.28	J	5	U	5	U
THALLIUM	7440-28-0	1	U	1	U	0.028	J	1	UJ	1	U	1	U	1	U
VANADIUM	7440-62-2	0.64	J	0.69	J	0.33	J	5	UJ	0.33	J	5	UJ	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		87 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW10		MW7D		MW7D		MW7D		MW7D		MW7D		MW7D	
Sample ID		80018-GW-MW10-1010		80018-GW-MW7D-1208		80018-GW-MW7D-0309		80018-GW-MW7D-0609		80018-GW-MW7D-0909		80018-GW-MW7D-1209		80018-GW-MW7D-0310	
Risk Zone		H*		F*		F*		F*		F*		F*		F*	
Top Depth															
Bottom Depth															
Sample Date		10/7/2010 11:10:00 AM		12/15/2008 1:45:00 PM		3/5/2009 1:15:00 PM		6/17/2009 10:20:00 AM		9/1/2009 2:55:00 PM		12/1/2009 2:30:00 PM		3/10/2010 2:05:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	UJ	2	UJ	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	5.2	J	1	UJ	0.18	J	1	U	1	U	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1.4	J	0.027	J	1	UJ	1	UJ	1	UJ	1	UJ	1	U
COBALT	7440-48-4	1		0.15	J	0.092	J	1	U	1	UJ	0.083	J	0.062	J
SELENIUM	7782-49-2	5	U	0.75	J	0.77	J	5	U	5	U	0.63	J	5	U
THALLIUM	7440-28-0	1	UJ	1	U	1	U	1	U	1	UJ	1	U	1	U
VANADIUM	7440-62-2	1.1	J	3.6	J	4.6	J	4.1	J	4.2	J	3.5	J	6.6	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
Sample Location		MW7D		MW7D		MW7S		MW7S		MW7S		MW7S		MW7S		MW7S	
Sample ID		80018-GW-MW7D-0610		80018-GW-MW7D-1010		80018-GW-MW7S-1208		80018-GW-MW7S-0309		80018-GW-MW7S-0609		80018-GW-MW7S-0809		80018-GW-MW7S-1209		80018-GW-MW7S-0310	
Risk Zone		F*		F*		F*		F*		F*		F*		F*		F*	
Top Depth																	
Bottom Depth																	
Sample Date		6/24/2010 6:00:00 PM		10/5/2010 10:40:00 AM		12/16/2008 10:10:00 AM		3/5/2009 10:00:00 AM		6/17/2009 1:30:00 PM		8/31/2009 3:40:00 PM		12/1/2009 11:45:00 AM		3/10/2010 3:05:00 PM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	UJ	2	UJ	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	1	U	1	U	6.5	J	2.6		3.7		3.2		3.4		3.1	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	U	1	UJ	0.95	J	49.9	J	41.3	J	44.6		37		18.3	
COBALT	7440-48-4	1	U	1	U	1.7	J	3.2		3.2		2.1	J	1.5	J	1.8	J
SELENIUM	7782-49-2	5	U	R		0.68	J	0.94	J	5	U	5	U	1.5	J	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	0.083	J	1	U	1	UJ	1	U	1	U
VANADIUM	7440-62-2	3.6	J	3.7	J	0.046	J	0.36	J	5	UJ	5	UJ	0.48	J	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
MS Dissolved Metals in Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	9 Store Ave.		9 Store Ave.	
	Sample Location	MW7S		MW7S	
	Sample ID	80018-GW-MW7S-0610		80018-GW-MW7S-1010	
	Risk Zone	F*		F*	
	Top Depth				
	Bottom Depth				
	Sample Date	6/24/2010 10:10:00 AM		10/5/2010 10:00:00 AM	
	Sample Type	N		N	
	Field Duplicate Parent				
	Unit	ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U
ARSENIC	7440-38-2	1.6	J	4.2	J
BERYLLIUM	7440-41-7	1	U	1	U
CADMIUM	7440-43-9	47		17.4	J
COBALT	7440-48-4	1.8		1.6	J
SELENIUM	7782-49-2	5	U		R
THALLIUM	7440-28-0	1	U	1	U
VANADIUM	7440-62-2	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyzed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	4		4		0	
			Sample Location	SB187		SB188		SB16	
			Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		SB16-00-01~AA26224~~101802	
			Risk Zone	J*		J*		J*	
			Bottom Depth	10		10		1	
			Sample Date	4/4/2011		4/4/2011		10/18/2002	
			Sample Type	N		N		N	
			Field Duplicate Parent						
			Unit	ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	4.2	U	4.8	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	4.2	U	4.8	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	4.2	U	4.8	U	1	U
1,1,2-Trichloroethane	79-00-5	11000	1000	4.2	U	4.8	U	1	U
1,1-Dichloroethane	75-34-3	500000	14000	4.2	U	4.8	U	1	U
1,1-Dichloroethene	75-35-4	1000	1400	4.2	U	4.8	U	1	U
1,2,3-Trichlorobenzene	87-61-6	--	--	4.2	U	4.8	U	5	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	4.2	U	4.8	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	4.2	U	4.8	U	1	U
1,2-Dibromoethane	106-93-4	7	100	4.2	U	4.8	U	1	U
1,2-Dichlorobenzene	95-50-1	500000	3100	4.2	U	4.8	U	1	U
1,2-Dichloroethane	107-06-2	6700	200	4.2	U	4.8	U	1	U
1,2-Dichloropropane	78-87-5	9000	1000	4.2	U	4.8	U	1	U
1,3-Dichlorobenzene	541-73-1	500000	120000	4.2	U	4.8	U	1	U
1,4-Dichlorobenzene	106-46-7	26000	15000	4.2	U	4.8	U	1	U
1,4-Dioxane	123-91-1	--	--	84	U	95	U		
2-Butanone	78-93-3	500000	80000	9.2		3.4	J	1	U
2-Hexanone	591-78-6	--	--	8.4	U	9.5	U	1	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	8.4	U	9.5	U	1	U
Acetone	67-64-1	500000	140000	26	B	20	B	19	J
Benzene	71-43-2	21000	200	4.2	U	4.8	U	1	U
Bromochloromethane	74-97-5	--	--	4.2	U	4.8	U	1	U
Bromodichloromethane	75-27-4	9900	110	4.2	U	4.8	U	1	U
Bromoform	75-25-2	78000	800	4.2	U	4.8	U	1	U
Bromomethane	74-83-9	95000	2000	4.2	U	4.8	U	5	U
Carbon Disulfide	75-15-0	500000	140000	0.74	J	4.8	U	1	U
Carbon Tetrachloride	56-23-5	4700	1000	4.2	U	4.8	U	1	U
Chlorobenzene	108-90-7	500000	20000	4.2	U	4.8	U	1	U
Chloroethane	75-00-3	--	--	4.2	U	4.8	U	1	U
Chloroform	67-66-3	100000	1200	4.2	U	4.8	U	1	U
Chloromethane	74-87-3	47000	540	4.2	U	4.8	U	1	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000	4.2	U	0.85	J	1	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	4.2	U	4.8	U	1	U
Cyclohexane	110-82-7	--	--	1.7	JB	1.9	JB		
Dibromochloromethane	124-48-1	7300	100	4.2	U	4.8	U	1	U
Dichlorodifluoromethane	75-71-8	--	--	4.2	U	4.8	U	1	U
Ethylbenzene	100-41-4	500000	10100	4.2	U	4.8	U	1	U
Isopropylbenzene	98-82-8	500000	132000	4.2	U	4.8	U	1	U
M,P-Xylene	179601-23-1	500000	19500	4.2	U	4.8	U	2	U
Methyl Acetate	79-20-9	--	--	4.2	U	4.8	U		
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	4.2	U	4.8	U	6	B
Methylcyclohexane	108-87-2	--	--	4.2	U	4.8	U		
Methylene Chloride	75-09-2	82000	1000	1.1	JB	1	JB	1	U
N-Propylbenzene	103-65-1	500000	14000					1	U

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		
			Top Depth	4		4		0		
			Sample Location	SB187		SB188		SB16		
			Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		SB16-00-01~AA26224~~101802		
			Risk Zone	J*		J*		J*		
			Bottom Depth	10		10		1		
			Sample Date	4/4/2011		4/4/2011		10/18/2002		
			Sample Type	N		N		N		
			Field Duplicate Parent							
			Unit	ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
O-Xylene	95-47-6	500000	19500	4.2	U	4.8	U	1	U	
Styrene	100-42-5	500000	20000	4.2	U	4.8	U	1	U	
Tetrachloroethene	127-18-4	12000	1000	4.2	U	9		1	U	
Toluene	108-88-3	500000	67000	4.2	U	4.8	U	1	U	
Trans-1,2-Dichloroethene	156-60-5	500000	20000	4.2	U	4.8	U	1	U	
Trans-1,3-Dichloropropene	10061-02-6	--	--	4.2	U	4.8	U	1	U	
Trichloroethene	79-01-6	56000	1000	4.2	U	4.8	U	1	U	
Trichlorofluoromethane	75-69-4	500000	260000	4.2	U	4.8	U	1	U	
Vinyl Chloride	75-01-4	320	400	4.2	U	4.8	U	1	U	

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0		0	
			Sample Location	SB24		SS05		SS11		SS12		SS20	
			Sample ID	SB24-00-05~AA25788~~100902		SS-05~AA25775~~100802		SS-011~AA26220~~102402		SS-012~AA26570~~103102		SS-020~AA26230~~102402	
			Risk Zone	J*		J*		J*		J*		J*	
			Bottom Depth	5		0.25		0.25		0.25		0.25	
			Sample Date	10/9/2002		10/8/2002		10/24/2002		10/31/2002		10/24/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	11000	1000	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	500000	14000	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	75-35-4	1000	1400	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U	1	U	1	U	1	U	6	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	1	U	1	U	1	B	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	106-93-4	7	100	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	500000	3100	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	6700	200	1	U	1	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	9000	1000	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	500000	120000	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	26000	15000	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	123-91-1	--	--										
2-Butanone	78-93-3	500000	80000	12		6	U	6	U	1	U	1	U
2-Hexanone	591-78-6	--	--	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	1	U	1	U	1	U	1	U	1	U
Acetone	67-64-1	500000	140000	48		5	JB	5	J	3	J	2	J
Benzene	71-43-2	21000	200	1	U	1	U	1	U	1	U	1	U
Bromochloromethane	74-97-5	--	--	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	75-27-4	9900	110	1	U	1	U	1	U	1	U	1	U
Bromoform	75-25-2	78000	800	1	U	1	U	1	U	1	U	1	U
Bromomethane	74-83-9	95000	2000	6	U	6	U	6	U	1	U	6	U
Carbon Disulfide	75-15-0	500000	140000	1	U	1	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	4700	1000	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	500000	20000	1	U	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	--	--	1	U	1	U	1	U	1	U	1	U
Chloroform	67-66-3	100000	1200	1	U	1	U	1	U	1	U	1	U
Chloromethane	74-87-3	47000	540	6	U	6	U	6	U	1	U	1	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000	2		1	U	1	U	1	U	1	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	1	U	1	U	1	U	1	U
Cyclohexane	110-82-7	--	--										
Dibromochloromethane	124-48-1	7300	100	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	--	--	6	U	6	U	6	U	1	U	1	U
Ethylbenzene	100-41-4	500000	10100	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	98-82-8	500000	132000	1	U	1	U	1	U	1	U	1	U
M,P-Xylene	179601-23-1	500000	19500	2	U	2	U	2	U	2	U	3	U
Methyl Acetate	79-20-9	--	--										
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	9	B	7	B	6	B	6	B	6	B
Methylcyclohexane	108-87-2	--	--										
Methylene Chloride	75-09-2	82000	1000	1	U	1	U	1	U	1	U	1	U
N-Propylbenzene	103-65-1	500000	14000	1	U	1	U	1	U	1	U	1	U

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0		0	
			Sample Location	SB24		SS05		SS11		SS12		SS20	
			Sample ID	SB24-00-05~AA25788~~100902		SS-05~AA25775~~100802		SS-011~AA26220~~102402		SS-012~AA26570~~103102		SS-020~AA26230~~102402	
			Risk Zone	J*		J*		J*		J*		J*	
			Bottom Depth	5		0.25		0.25		0.25		0.25	
			Sample Date	10/9/2002		10/8/2002		10/24/2002		10/31/2002		10/24/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500	1	U	1	U	1	U	1	U	1	U
Styrene	100-42-5	500000	20000	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	127-18-4	12000	1000	1	U	1	U	1	U	1	U	1	U
Toluene	108-88-3	500000	67000	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	1	U	1	U	1	U	1	U
Trichloroethene	79-01-6	56000	1000	7		1	U	1	U	1	U	1	U
Trichlorofluoromethane	75-69-4	500000	260000	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	75-01-4	320	400	15	J	1	U	1	U	1	U	1	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0		0		0		0	
			Sample Location	SS21		SS-23		SS-24		SS-25		SS-25		SS-26		SS-27	
			Sample ID	SS-021~AA26567~~103102		APJ76		APJ78		APJ80		APJ82		APJ83		APJ85	
			Risk Zone	J*		J*		J*		J*		J*		J*		J*	
			Bottom Depth	0.25		0.5		0.5		0.5		0.5		0.5		0.5	
			Sample Date	10/31/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		FD		N		N	
			Field Duplicate Parent									APJ80					
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	1	U	12	U	12	U	15	U	14	U	12	U	12	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U												
1,1,2-Trichloroethane	79-00-5	11000	1000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
1,1-Dichloroethane	75-34-3	500000	14000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
1,1-Dichloroethene	75-35-4	1000	1400	1	U	12	U	12	U	15	U	14	U	12	U	12	U
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U												
1,2,4-Trichlorobenzene	120-82-1	680000	14000	1	U	390	U	390	U	490	U	460	U	390	U	390	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	1	U												
1,2-Dibromoethane	106-93-4	7	100	1	U												
1,2-Dichlorobenzene	95-50-1	500000	3100	1	U	390	U	390	U	490	U	460	U	390	U	390	U
1,2-Dichloroethane	107-06-2	6700	200	1	U	12	U	12	U	15	U	14	U	12	U	12	U
1,2-Dichloropropane	78-87-5	9000	1000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
1,3-Dichlorobenzene	541-73-1	500000	120000	1	U	390	U	390	U	490	U	460	U	390	U	390	U
1,4-Dichlorobenzene	106-46-7	26000	15000	1	U	390	U	390	U	490	U	460	U	390	U	390	U
1,4-Dioxane	123-91-1	--	--														
2-Butanone	78-93-3	500000	80000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
2-Hexanone	591-78-6	--	--	1	U	12	U	12	U	15	U	14	U	12	U	12	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Acetone	67-64-1	500000	140000	4	J	12	U	12	U	15	U	14	U	12	U	12	U
Benzene	71-43-2	21000	200	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Bromochloromethane	74-97-5	--	--	1	U												
Bromodichloromethane	75-27-4	9900	110	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Bromoform	75-25-2	78000	800	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Bromomethane	74-83-9	95000	2000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Carbon Disulfide	75-15-0	500000	140000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Carbon Tetrachloride	56-23-5	4700	1000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Chlorobenzene	108-90-7	500000	20000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Chloroethane	75-00-3	--	--	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Chloroform	67-66-3	100000	1200	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Chloromethane	74-87-3	47000	540	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000	1	U												
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Cyclohexane	110-82-7	--	--														
Dibromochloromethane	124-48-1	7300	100	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Dichlorodifluoromethane	75-71-8	--	--	1	U												
Ethylbenzene	100-41-4	500000	10100	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Isopropylbenzene	98-82-8	500000	132000	1	U												
M,P-Xylene	179601-23-1	500000	19500	3	U												
Methyl Acetate	79-20-9	--	--														
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	8	B												
Methylcyclohexane	108-87-2	--	--														
Methylene Chloride	75-09-2	82000	1000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
N-Propylbenzene	103-65-1	500000	14000	1	U												

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0		0		0		0	
			Sample Location	SS21		SS-23		SS-24		SS-25		SS-25		SS-26		SS-27	
			Sample ID	SS-021~AA26567~~103102		APJ76		APJ78		APJ80		APJ82		APJ83		APJ85	
			Risk Zone	J*		J*		J*		J*		J*		J*		J*	
			Bottom Depth	0.25		0.5		0.5		0.5		0.5		0.5		0.5	
			Sample Date	10/31/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		FD		N		N	
			Field Duplicate Parent									APJ80					
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500	1	U												
Styrene	100-42-5	500000	20000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Tetrachloroethene	127-18-4	12000	1000	1	U	12	UJ	12	UJ	8	J	2	J	12	UJ	12	UJ
Toluene	108-88-3	500000	67000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000	1	U												
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Trichloroethene	79-01-6	56000	1000	1	U	12	U	12	U	15	U	14	U	12	U	12	U
Trichlorofluoromethane	75-69-4	500000	260000	1	U												
Vinyl Chloride	75-01-4	320	400	1	U	12	U	12	U	15	U	14	U	12	U	12	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0.5		0.5		0.5		0.5	
			Sample Location	SS28		SS-23		SS-24		SS-25		SS-26	
			Sample ID	SS-028~AA26633~~110102		APJ77		APJ79		APJ81		APJ84	
			Risk Zone	J*		J*		J*		J*		J*	
			Bottom Depth	0.25		2		2		2		2	
			Sample Date	11/1/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	1	U	11	U	11	U	15	U	12	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	1	U	11	U	11	U	15	U	12	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U								
1,1,2-Trichloroethane	79-00-5	11000	1000	1	U	11	U	11	U	15	U	12	U
1,1-Dichloroethane	75-34-3	500000	14000	1	U	11	U	11	U	15	U	12	U
1,1-Dichloroethene	75-35-4	1000	1400	1	U	11	U	11	U	15	U	12	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U								
1,2,4-Trichlorobenzene	120-82-1	680000	14000	1	U	360	U	380	U	510	U	390	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	1	U								
1,2-Dibromoethane	106-93-4	7	100	1	U								
1,2-Dichlorobenzene	95-50-1	500000	3100	1	U	360	U	380	U	510	U	390	U
1,2-Dichloroethane	107-06-2	6700	200	1	U	11	U	11	U	15	U	12	U
1,2-Dichloropropane	78-87-5	9000	1000	1	U	11	U	11	U	15	U	12	U
1,3-Dichlorobenzene	541-73-1	500000	120000	1	U	360	U	380	U	510	U	390	U
1,4-Dichlorobenzene	106-46-7	26000	15000	1	U	360	U	380	U	510	U	390	U
1,4-Dioxane	123-91-1	--	--										
2-Butanone	78-93-3	500000	80000	1	U	11	U	11	U	15	U	12	U
2-Hexanone	591-78-6	--	--	1	U	11	U	11	U	15	U	12	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	1	U	11	U	11	U	15	U	12	U
Acetone	67-64-1	500000	140000	6	J	11	U	11	U	15	U	12	U
Benzene	71-43-2	21000	200	1	U	11	U	11	U	15	U	12	U
Bromochloromethane	74-97-5	--	--	1	U								
Bromodichloromethane	75-27-4	9900	110	1	U	11	U	11	U	15	U	12	U
Bromoform	75-25-2	78000	800	1	U	11	U	11	U	15	U	12	U
Bromomethane	74-83-9	95000	2000	5	U	11	U	11	U	15	U	12	U
Carbon Disulfide	75-15-0	500000	140000	1	U	11	U	11	U	15	U	12	U
Carbon Tetrachloride	56-23-5	4700	1000	1	U	11	U	11	U	15	U	12	U
Chlorobenzene	108-90-7	500000	20000	1	U	11	U	11	U	15	U	12	U
Chloroethane	75-00-3	--	--	1	U	11	U	11	U	15	U	12	U
Chloroform	67-66-3	100000	1200	1	U	11	U	11	U	15	U	12	U
Chloromethane	74-87-3	47000	540	1	U	11	U	11	U	15	U	12	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000	1	U								
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	11	U	11	U	15	U	12	U
Cyclohexane	110-82-7	--	--										
Dibromochloromethane	124-48-1	7300	100	1	U	11	U	11	U	15	U	12	U
Dichlorodifluoromethane	75-71-8	--	--	1	U								
Ethylbenzene	100-41-4	500000	10100	1	U	11	U	11	U	15	U	12	U
Isopropylbenzene	98-82-8	500000	132000	1	U								
M,P-Xylene	179601-23-1	500000	19500	2	U								
Methyl Acetate	79-20-9	--	--										
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	6									
Methylcyclohexane	108-87-2	--	--										
Methylene Chloride	75-09-2	82000	1000	1	U	11	U	11	U	78		12	U
N-Propylbenzene	103-65-1	500000	14000	1	U								

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0.5		0.5		0.5		0.5	
			Sample Location	SS28		SS-23		SS-24		SS-25		SS-26	
			Sample ID	SS-028~AA26633~~110102		APJ77		APJ79		APJ81		APJ84	
			Risk Zone	J*		J*		J*		J*		J*	
			Bottom Depth	0.25		2		2		2		2	
			Sample Date	11/1/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500	1	U								
Styrene	100-42-5	500000	20000	1	U	11	U	11	U	15	U	12	U
Tetrachloroethene	127-18-4	12000	1000	1	U	11	U	11	UJ	15	UJ	12	UJ
Toluene	108-88-3	500000	67000	1	U	11	U	11	U	15	U	12	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000	1	U								
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	11	U	11	U	15	U	12	U
Trichloroethene	79-01-6	56000	1000	1	U	11	U	11	U	2	J	12	U
Trichlorofluoromethane	75-69-4	500000	260000	1	U								
Vinyl Chloride	75-01-4	320	400	1	U	11	U	11	U	15	U	12	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0.5		1.5		2		2		2	
			Sample Location	SS-27		SB48		SB07		SB08		SB14	
			Sample ID	APJ86		S-051804-JR-095		SB07-02-03~AA25780~~110402		SB08-02-03~AA25784~~103102		SB14-02-03~AA25782~~101602	
			Risk Zone	J*		J*		J*		J*		J*	
			Bottom Depth	2		1.5		3		3		3	
			Sample Date	4/26/1999		5/18/2004		11/4/2002		10/31/2002		10/16/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	12	U	6	UJ	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	12	U	6	UJ	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--			6	UJ	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	11000	1000	12	U	6	UJ	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	500000	14000	12	U	6	UJ	1	U	1	U	1	U
1,1-Dichloroethene	75-35-4	1000	1400	12	U	6	UJ	1	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	--	--					1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	400	U	6	UJ	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--			6	UJ	1	U	1	U	1	U
1,2-Dibromoethane	106-93-4	7	100			6	UJ	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	500000	3100	400	U	6	UJ	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	6700	200	12	U	6	UJ	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	9000	1000	12	U	6	UJ	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	500000	120000	400	U	6	UJ	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	26000	15000	400	U	6	UJ	1	U	1	U	1	U
1,4-Dioxane	123-91-1	--	--										
2-Butanone	78-93-3	500000	80000	12	U	26	J	6		33		66	J
2-Hexanone	591-78-6	--	--	12	U	11	UJ	1	U	2		1	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	12	U	11	UJ	1	U	1		2	J
Acetone	67-64-1	500000	140000	12	U	56	J	27				330	EJ
Benzene	71-43-2	21000	200	12	U	6	UJ	1	U	1	U	1	U
Bromochloromethane	74-97-5	--	--					1	U	1	U	1	U
Bromodichloromethane	75-27-4	9900	110	12	U	6	UJ	1	U	1	U	1	U
Bromoform	75-25-2	78000	800	12	U	6	UJ	1	U	1	U	1	U
Bromomethane	74-83-9	95000	2000	12	U	6	UJ	5	U	5	U	4	J
Carbon Disulfide	75-15-0	500000	140000	12	U	6	UJ	1	U	3		2	J
Carbon Tetrachloride	56-23-5	4700	1000	12	U	6	UJ	1	U	1	U	1	U
Chlorobenzene	108-90-7	500000	20000	12	U	6	UJ	1	U	1	U	1	U
Chloroethane	75-00-3	--	--	12	U	6	UJ	1	U	1	U	1	U
Chloroform	67-66-3	100000	1200	12	U	6	UJ	1	U	1	U	1	U
Chloromethane	74-87-3	47000	540	12	U	6	UJ	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000			6	UJ	1	U	1	U	1	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	12	U	6	UJ	1	U	1	U	1	U
Cyclohexane	110-82-7	--	--										
Dibromochloromethane	124-48-1	7300	100	12	U	6	UJ	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	--	--			6	UJ	5	U	5	U	5	U
Ethylbenzene	100-41-4	500000	10100	12	U	6	UJ	1	U	1	U	5	
Isopropylbenzene	98-82-8	500000	132000			6	UJ	2		1	U	1	U
M,P-Xylene	179601-23-1	500000	19500					3		2	U	37	J
Methyl Acetate	79-20-9	--	--										
Methyl Tert-Butyl Ether	1634-04-4	500000	20000			6	UJ	1	B	6	B	7	JB
Methylcyclohexane	108-87-2	--	--										
Methylene Chloride	75-09-2	82000	1000	12	U	6	UJ	1	U	1	U	1	U
N-Propylbenzene	103-65-1	500000	14000					4		1	U	1	U

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Top Depth	0.5		1.5		2		2		2			
			Sample Location	SS-27		SB48		SB07		SB08		SB14			
			Sample ID	APJ86		S-051804-JR-095		SB07-02-03~AA25780~~110402		SB08-02-03~AA25784~~103102		SB14-02-03~AA25782~~101602			
			Risk Zone	J*		J*		J*		J*		J*			
			Bottom Depth	2		1.5		3		3		3			
			Sample Date	4/26/1999		5/18/2004		11/4/2002		10/31/2002		10/16/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
O-Xylene	95-47-6	500000	19500					4		1	U	43	J		
Styrene	100-42-5	500000	20000	12	U	6	UJ	1	U	1	U	1	U		
Tetrachloroethene	127-18-4	12000	1000	12	UJ	6	UJ	1	U	1	U	1	U		
Toluene	108-88-3	500000	67000	12	U	0.5	J	1	U	1	U	1	U		
Trans-1,2-Dichloroethene	156-60-5	500000	20000			6	UJ	1	U	1	U	1	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	12	U	6	UJ	1	U	1	U	1	U		
Trichloroethene	79-01-6	56000	1000	12	U	6	UJ	22		1	U	1	U		
Trichlorofluoromethane	75-69-4	500000	260000			6	UJ	1	U	1	U	1	U		
Vinyl Chloride	75-01-4	320	400	12	U	6	UJ	1	U	1	U	1	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Top Depth	2		2		3		3.5		4			
			Sample Location	SB23		SB28		MW3D		SB48		SB21			
			Sample ID	SB23-02-03~AA25786~~101102		SB28-02-03~AA26225~~102102		S-052604-JR-172		S-051804-JR-096		SB21-04-06~AA25702~~100402			
			Risk Zone	J*		J*		J*		J*		J*			
			Bottom Depth	3		3		3		3.5		6			
			Sample Date	10/11/2002		10/21/2002		5/26/2004		5/18/2004		10/4/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	500000	40000	1	U	1	U	6	U	10	UJ	2	U		
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	1	U	1	U	6	UJ	10	UJ	2	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	1	U	6	U	10	UJ	2	U		
1,1,2-Trichloroethane	79-00-5	11000	1000	1	U	1	U	6	U	10	UJ	2	U		
1,1-Dichloroethane	75-34-3	500000	14000	1	U	1	U	6	U	10	UJ	2	U		
1,1-Dichloroethene	75-35-4	1000	1400	1	U	1	U	6	U	10	UJ	2	U		
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U	6	U					2	U		
1,2,4-Trichlorobenzene	120-82-1	680000	14000	1	U	1	U	6	UJ	10	UJ	2	U		
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	1	U	1	U	6	UJ	10	UJ	2	U		
1,2-Dibromoethane	106-93-4	7	100	1	U	1	U	6	UJ	10	UJ	2	U		
1,2-Dichlorobenzene	95-50-1	500000	3100	1	U	1	U	6	UJ	10	UJ	2	U		
1,2-Dichloroethane	107-06-2	6700	200	1	U	1	U	6	U	10	UJ	2	U		
1,2-Dichloropropane	78-87-5	9000	1000	1	U	1	U	6	U	10	UJ	2	U		
1,3-Dichlorobenzene	541-73-1	500000	120000	1	U	1	U	6	UJ	10	UJ	2	U		
1,4-Dichlorobenzene	106-46-7	26000	15000	1	U	1	U	6	UJ	10	UJ	2	U		
1,4-Dioxane	123-91-1	--	--												
2-Butanone	78-93-3	500000	80000	15		1	U	12	U	33	J	8	U		
2-Hexanone	591-78-6	--	--	1	U	1	U	12	UJ	20	UJ	2	U		
4-Methyl-2-Pentanone	108-10-1	500000	14000	1	U	1	U	12	UJ	20	UJ	2	U		
Acetone	67-64-1	500000	140000	72		13	J	24	UJ	63	J	7			
Benzene	71-43-2	21000	200	1	U	1	U	6	U	10	UJ	2	U		
Bromochloromethane	74-97-5	--	--	1	U	1	U					2	U		
Bromodichloromethane	75-27-4	9900	110	1	U	1	U	6	U	10	UJ	2	U		
Bromoform	75-25-2	78000	800	1	U	1	U	6	UJ	10	UJ	2	U		
Bromomethane	74-83-9	95000	2000	6	U	6	U	6	UJ	10	UJ	8	U		
Carbon Disulfide	75-15-0	500000	140000	1	U	1	U	6	U	1	J	2	U		
Carbon Tetrachloride	56-23-5	4700	1000	1	U	1	U	6	U	10	UJ	2	U		
Chlorobenzene	108-90-7	500000	20000	1	U	1	U	6	UJ	10	UJ	2	U		
Chloroethane	75-00-3	--	--	1	U	1	U	6	UJ	10	UJ	2	U		
Chloroform	67-66-3	100000	1200	1	U	1	U	6	U	10	UJ	2	U		
Chloromethane	74-87-3	47000	540	6	U	1	U	6	U	10	UJ	8	U		
Cis-1,2-Dichloroethene	156-59-2	500000	14000	2		1	U	6	J	10	UJ	2	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	1	U	6	UJ	10	UJ	2	U		
Cyclohexane	110-82-7	--	--												
Dibromochloromethane	124-48-1	7300	100	1	U	1	U	6	UJ	10	UJ	2	U		
Dichlorodifluoromethane	75-71-8	--	--	6	U	1	U	6	U	10	UJ	8	U		
Ethylbenzene	100-41-4	500000	10100	1		1	U	6	UJ	10	UJ	2	U		
Isopropylbenzene	98-82-8	500000	132000	4		1	U	6	UJ	10	UJ	2	U		
M,P-Xylene	179601-23-1	500000	19500	6		2	U					3	U		
Methyl Acetate	79-20-9	--	--												
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	9	B	5	B	6	U	10	UJ	6			
Methylcyclohexane	108-87-2	--	--												
Methylene Chloride	75-09-2	82000	1000	1	U	1	U	6	U	10	UJ	2	U		
N-Propylbenzene	103-65-1	500000	14000	7		1	U					2	U		

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	2		2		3		3.5		4	
			Sample Location	SB23		SB28		MW3D		SB48		SB21	
			Sample ID	SB23-02-03~AA25786~~101102		SB28-02-03~AA26225~~102102		S-052604-JR-172		S-051804-JR-096		SB21-04-06~AA25702~~100402	
			Risk Zone	J*		J*		J*		J*		J*	
			Bottom Depth	3		3		3		3.5		6	
			Sample Date	10/11/2002		10/21/2002		5/26/2004		5/18/2004		10/4/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500	9		1	U					2	U
Styrene	100-42-5	500000	20000	1	U	1	U	6	UJ	10	UJ	2	U
Tetrachloroethene	127-18-4	12000	1000	1	U	1	U	91	J	10	UJ	2	U
Toluene	108-88-3	500000	67000	1		1	U	6	UJ	10	UJ	2	
Trans-1,2-Dichloroethene	156-60-5	500000	20000	1	U	1	U	6	U	10	UJ	2	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	1	U	6	U	10	UJ	2	U
Trichloroethene	79-01-6	56000	1000	44		1	U	3	J	10	UJ	12	
Trichlorofluoromethane	75-69-4	500000	260000	1	U	1	U	6	U	10	UJ	2	U
Vinyl Chloride	75-01-4	320	400	2	J	1	U	6	U	10	UJ	2	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.
µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

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UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St
			Top Depth	4		5		8		8		10		10		1
			Sample Location	SB22		SB169		MW3D		SB48		SB15		SB171		SE
			Sample ID	SB22-04-05~AA25794~~101702		80018-SB169-0507		S-052604-JR-173		S-051804-JR-097		SB15-10-11~AA25796~~101802		80018-SB171-1012		SB07-12-13~AA
			Risk Zone	J*		J*		J*		J*		J*		J*		J
			Bottom Depth	5		7		8		8		11		12		1
			Sample Date	10/17/2002		10/27/2008		5/26/2004		5/18/2004		10/18/2002		10/27/2008		10/24
			Sample Type	N		N		N		N		N		N		N
			Field Duplicate Parent													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
1,1,1-Trichloroethane	71-55-6	500000	40000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,1,2-Trichloroethane	79-00-5	11000	1000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,1-Dichloroethane	75-34-3	500000	14000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,1-Dichloroethene	75-35-4	1000	1400	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U	610	U					1	U	290	U	1
1,2,4-Trichlorobenzene	120-82-1	680000	14000	1	U	610	U	5	UJ	5	UJ	1	U	290	U	1
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	1	U	610	U	5	UJ	5	UJ	1	U	290	U	1
1,2-Dibromoethane	106-93-4	7	100	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,2-Dichlorobenzene	95-50-1	500000	3100	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,2-Dichloroethane	107-06-2	6700	200	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,2-Dichloropropane	78-87-5	9000	1000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,3-Dichlorobenzene	541-73-1	500000	120000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,4-Dichlorobenzene	106-46-7	26000	15000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
1,4-Dioxane	123-91-1	--	--				R								R	
2-Butanone	78-93-3	500000	80000	5	J	1200	U	11	U	11	UJ	7	U	590	U	6
2-Hexanone	591-78-6	--	--	1	U	1200	U	11	UJ	11	UJ	1	U	590	U	1
4-Methyl-2-Pentanone	108-10-1	500000	14000	1	U	1200	U	11	UJ	11	UJ	1	U	590	U	1
Acetone	67-64-1	500000	140000	28		340	JEB	11	UJ	11	UJ	7	B	590	U	14
Benzene	71-43-2	21000	200	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Bromochloromethane	74-97-5	--	--	1	U	610	U					1	U	290	U	1
Bromodichloromethane	75-27-4	9900	110	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Bromoform	75-25-2	78000	800	1	U	610	U	5	UJ	5	UJ	1	U	290	U	1
Bromomethane	74-83-9	95000	2000	6	U	610	U	5	UJ	5	UJ	7	U	290	U	6
Carbon Disulfide	75-15-0	500000	140000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Carbon Tetrachloride	56-23-5	4700	1000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Chlorobenzene	108-90-7	500000	20000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Chloroethane	75-00-3	--	--	1	U	610	U	5	UJ	5	UJ	1	U	290	U	1
Chloroform	67-66-3	100000	1200	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Chloromethane	74-87-3	47000	540	1	U	610	U	5	U	5	UJ	1	U	290	U	6
Cis-1,2-Dichloroethene	156-59-2	500000	14000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	610	U	5	UJ	5	UJ	1	U	290	U	1
Cyclohexane	110-82-7	--	--			610	U							290	U	
Dibromochloromethane	124-48-1	7300	100	1	U	610	U	5	UJ	5	UJ	1	U	290	U	1
Dichlorodifluoromethane	75-71-8	--	--	6	U	610	U	5	U	5	UJ	7	U	290	U	6
Ethylbenzene	100-41-4	500000	10100	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Isopropylbenzene	98-82-8	500000	132000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
M,P-Xylene	179601-23-1	500000	19500	2	U	610	U					2	U	130	J	2
Methyl Acetate	79-20-9	--	--			960								84	J	
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	8	B	610	U	5	U	5	UJ	8	B	290	U	8
Methylcyclohexane	108-87-2	--	--			610	U							290	U	
Methylene Chloride	75-09-2	82000	1000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
N-Propylbenzene	103-65-1	500000	14000	1	U							1	U			1

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St
			Top Depth	4		5		8		8		10		10		1
			Sample Location	SB22		SB169		MW3D		SB48		SB15		SB171		SE
			Sample ID	SB22-04-05~AA25794~~101702		80018-SB169-0507		S-052604-JR-173		S-051804-JR-097		SB15-10-11~AA25796~~101802		80018-SB171-1012		SB07-12-13~AA
			Risk Zone	J*		J*		J*		J*		J*		J*		J
			Bottom Depth	5		7		8		8		11		12		1
			Sample Date	10/17/2002		10/27/2008		5/26/2004		5/18/2004		10/18/2002		10/27/2008		10/24
			Sample Type	N		N		N		N		N		N		N
			Field Duplicate Parent													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
O-Xylene	95-47-6	500000	19500	1	U	610	U					1	U	290	U	1
Styrene	100-42-5	500000	20000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Tetrachloroethene	127-18-4	12000	1000	1	U	610	U	3	J	5	UJ	1	U	290	U	1
Toluene	108-88-3	500000	67000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Trans-1,2-Dichloroethene	156-60-5	500000	20000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Trichloroethene	79-01-6	56000	1000	1	J	610	U	5	U	5	UJ	1	U	290	U	1
Trichlorofluoromethane	75-69-4	500000	260000	1	U	610	U	5	U	5	UJ	1	U	290	U	1
Vinyl Chloride	75-01-4	320	400	1	U	610	U	5	U	5	UJ	1	U	290	U	1

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	ore Ave.	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	2	13		14		15		16		17			
			Sample Location	07	SB23		MW3D		SB08		SB15		SB21			
			Sample ID	25781~~102402	SB23-13-14~AA25787~~100902		S-052604-JR-174		SB08-15-16~AA25785~~110102		SB15-16-17~AA25795~~101802		SB21-17-18~AA26028~~101702			
			Risk Zone	*	J*		J*		J*		J*		J*			
			Bottom Depth	3	14		14		16		17		18			
			Sample Date	/2002	10/9/2002		5/26/2004		11/1/2002		10/18/2002		10/17/2002			
			Sample Type	৲	N		N		N		N		N			
			Field Duplicate Parent													
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	U	1	U	6	U	1	U	1	U	4	U		
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	U	1	U	6	U	1	U	1	U	4	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	U	1	U	6	U	1	U	1	U	4	U		
1,1,2-Trichloroethane	79-00-5	11000	1000	U	1	U	6	U	1	U	1	U	4	U		
1,1-Dichloroethane	75-34-3	500000	14000	U	1	U	6	U	1	U	1	U	4	U		
1,1-Dichloroethene	75-35-4	1000	1400	U	1	U	6	U	1	U	1	U	4	U		
1,2,3-Trichlorobenzene	87-61-6	--	--	U	1	U			1	U	1	U	4	U		
1,2,4-Trichlorobenzene	120-82-1	680000	14000	U	1	U	6	UJ	1	U	1	U	4	U		
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	U	1	U	6	UJ	1	U	1	U	4	U		
1,2-Dibromoethane	106-93-4	7	100	U	1	U	6	U	1	U	1	U	4	U		
1,2-Dichlorobenzene	95-50-1	500000	3100	U	1	U	6	U	1	U	1	U	4	U		
1,2-Dichloroethane	107-06-2	6700	200	U	1	U	6	U	1	U	1	U	4	U		
1,2-Dichloropropane	78-87-5	9000	1000	U	1	U	6	U	1	U	1	U	4	U		
1,3-Dichlorobenzene	541-73-1	500000	120000	U	1	U	6	U	1	U	1	U	4	U		
1,4-Dichlorobenzene	106-46-7	26000	15000	U	1	U	6	U	1	U	1	U	4	U		
1,4-Dioxane	123-91-1	--	--													
2-Butanone	78-93-3	500000	80000	U	5	U	11	U	4	U	4	U				
2-Hexanone	591-78-6	--	--	U	1	U	11	UJ	1	U	1	U	4	U		
4-Methyl-2-Pentanone	108-10-1	500000	14000	U	1	U	11	UJ	1	U	1	U	4	U		
Acetone	67-64-1	500000	140000		7	B	11	UJ	22		6	B				
Benzene	71-43-2	21000	200	U	1	U	6	U	1	U	1	U	4	U		
Bromochloromethane	74-97-5	--	--	U	1	U			1	U	1	U	4	U		
Bromodichloromethane	75-27-4	9900	110	U	1	U	6	U	1	U	1	U	4	U		
Bromoform	75-25-2	78000	800	U	1	U	6	UJ	1	U	1	U	4	U		
Bromomethane	74-83-9	95000	2000	U	5	U	6	UJ	4	U	4	U	22	U		
Carbon Disulfide	75-15-0	500000	140000	J	1	U	6	U	1	U	1	U	48			
Carbon Tetrachloride	56-23-5	4700	1000	U	1	U	6	U	1	U	1	U	4	U		
Chlorobenzene	108-90-7	500000	20000	U	1	U	6	U	1	U	1	U	4	U		
Chloroethane	75-00-3	--	--	U	1	U	6	UJ	1	U	1	U	4	U		
Chloroform	67-66-3	100000	1200	U	1	U	6	U	1	U	1	U	4	U		
Chloromethane	74-87-3	47000	540	U	5	U	6	U	4	U	1	U	22	U		
Cis-1,2-Dichloroethene	156-59-2	500000	14000	U	1	U	6	U	1	U	1	U	4	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	U	1	U	6	UJ	1	U	1	U	4	U		
Cyclohexane	110-82-7	--	--													
Dibromochloromethane	124-48-1	7300	100	U	1	U	6	UJ	1	U	1	U	4	U		
Dichlorodifluoromethane	75-71-8	--	--	U	5	U	6	U	4	U	4	U	22	U		
Ethylbenzene	100-41-4	500000	10100	U	1	U	6	U	1	U	1	U	4	U		
Isopropylbenzene	98-82-8	500000	132000	U	1	U	6	U	1	U	1	U	4	U		
M,P-Xylene	179601-23-1	500000	19500	U	2	U			2	U	2	U	9	U		
Methyl Acetate	79-20-9	--	--													
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	B	8	B	6	U	5	B	5	B	18	B		
Methylcyclohexane	108-87-2	--	--													
Methylene Chloride	75-09-2	82000	1000	U	1	U	6	U	1	U	1	U	4	U		
N-Propylbenzene	103-65-1	500000	14000	U	1	U			1	U	1	U	4	U		

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	ore Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	2		13		14		15		16		17			
			Sample Location	07		SB23		MW3D		SB08		SB15		SB21			
			Sample ID	25781~~102402		SB23-13-14~AA25787~~100902		S-052604-JR-174		SB08-15-16~AA25785~~110102		SB15-16-17~AA25795~~101802		SB21-17-18~AA26028~~101702			
			Risk Zone	*		J*		J*		J*		J*		J*			
			Bottom Depth	3		14		14		16		17		18			
			Sample Date	/2002		10/9/2002		5/26/2004		11/1/2002		10/18/2002		10/17/2002			
			Sample Type	৲		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
O-Xylene	95-47-6	500000	19500	U	1	U			1	U	1	U	4	U			
Styrene	100-42-5	500000	20000	U	1	U	6	U	1	U	1	U	4	U			
Tetrachloroethene	127-18-4	12000	1000	U	1	U	6	U	1	U	1	U	4	U			
Toluene	108-88-3	500000	67000	U	1	U	6	U	1	U	1	U	4	U			
Trans-1,2-Dichloroethene	156-60-5	500000	20000	U	1	U	6	U	1	U	1	U	4	U			
Trans-1,3-Dichloropropene	10061-02-6	--	--	U	1	U	6	U	1	U	1	U	4	U			
Trichloroethene	79-01-6	56000	1000	U	1	U	6	U	1	U	1	U	4	U			
Trichlorofluoromethane	75-69-4	500000	260000	U	1	U	6	U	1	U	1	U	4	U			
Vinyl Chloride	75-01-4	320	400	U	1	U	6	U	1	U	1	U	4	U			

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		
			Top Depth	18		18		18		
			Sample Location	SB14		SB22		SB24		
			Sample ID	SB14-18-19~AA25783~~101602		SB22-18-19~AA25793~~101702		SB24-18-19~AA25790~~101102		
			Risk Zone	J*		J*		J*		
			Bottom Depth	19		19		19		
			Sample Date	10/16/2002		10/17/2002		10/11/2002		
			Sample Type	N		N		N		
			Field Duplicate Parent							
			Unit	ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
1,1,1-Trichloroethane	71-55-6	500000	40000	1	U	1	U	1	U	
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	1	U	1	U	1	U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	1	U	1	U	
1,1,2-Trichloroethane	79-00-5	11000	1000	1	U	1	U	1	U	
1,1-Dichloroethane	75-34-3	500000	14000	1	U	1	U	1	U	
1,1-Dichloroethene	75-35-4	1000	1400	1	U	1	U	1	U	
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U	1	U	1	U	
1,2,4-Trichlorobenzene	120-82-1	680000	14000	1	U	1	U	1	U	
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	1	U	1	U	1	U	
1,2-Dibromoethane	106-93-4	7	100	1	U	1	U	1	U	
1,2-Dichlorobenzene	95-50-1	500000	3100	1	U	1	U	1	U	
1,2-Dichloroethane	107-06-2	6700	200	1	U	1	U	1	U	
1,2-Dichloropropane	78-87-5	9000	1000	1	U	1	U	1	U	
1,3-Dichlorobenzene	541-73-1	500000	120000	1	U	1	U	1	U	
1,4-Dichlorobenzene	106-46-7	26000	15000	1	U	1	U	1	U	
1,4-Dioxane	123-91-1	--	--							
2-Butanone	78-93-3	500000	80000	5	U	2	J	6	U	
2-Hexanone	591-78-6	--	--	1	U	1	U	1	U	
4-Methyl-2-Pentanone	108-10-1	500000	14000	1	U	1	U	1	U	
Acetone	67-64-1	500000	140000	9		13		6	B	
Benzene	71-43-2	21000	200	1	U	1	U	1	U	
Bromochloromethane	74-97-5	--	--	1	U	1	U	1	U	
Bromodichloromethane	75-27-4	9900	110	1	U	1	U	1	U	
Bromoform	75-25-2	78000	800	1	U	1	U	1	U	
Bromomethane	74-83-9	95000	2000	5	U	5	U	6	U	
Carbon Disulfide	75-15-0	500000	140000	1	U	1	J	1	U	
Carbon Tetrachloride	56-23-5	4700	1000	1	U	1	U	1	U	
Chlorobenzene	108-90-7	500000	20000	1	U	1	U	1	U	
Chloroethane	75-00-3	--	--	1	U	1	U	1	U	
Chloroform	67-66-3	100000	1200	1	U	1	U	1	U	
Chloromethane	74-87-3	47000	540	5	U	1	U	1	U	
Cis-1,2-Dichloroethene	156-59-2	500000	14000	1	U	1	U	1	U	
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	1	U	1	U	
Cyclohexane	110-82-7	--	--							
Dibromochloromethane	124-48-1	7300	100	1	U	1	U	1	U	
Dichlorodifluoromethane	75-71-8	--	--	5	U	5	U	6	U	
Ethylbenzene	100-41-4	500000	10100	1	U	1	U	1	U	
Isopropylbenzene	98-82-8	500000	132000	1	U	1	U	1	U	
M,P-Xylene	179601-23-1	500000	19500	2	U	2	U	2	U	
Methyl Acetate	79-20-9	--	--							
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	6	B	7	B	8	B	
Methylcyclohexane	108-87-2	--	--							
Methylene Chloride	75-09-2	82000	1000	1	U	1	U	1	U	
N-Propylbenzene	103-65-1	500000	14000	1	U	1	U	1	U	

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Top Depth	18		18		18			
			Sample Location	SB14		SB22		SB24			
			Sample ID	SB14-18-19~AA25783~~101602		SB22-18-19~AA25793~~101702		SB24-18-19~AA25790~~101102			
			Risk Zone	J*		J*		J*			
			Bottom Depth	19		19		19			
			Sample Date	10/16/2002		10/17/2002		10/11/2002			
			Sample Type	N		N		N			
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
O-Xylene	95-47-6	500000	19500	1	U	1	U	1	U		
Styrene	100-42-5	500000	20000	1	U	1	U	1	U		
Tetrachloroethene	127-18-4	12000	1000	1	U	1	U	1	U		
Toluene	108-88-3	500000	67000	1	U	1	U	1	U		
Trans-1,2-Dichloroethene	156-60-5	500000	20000	1	U	1	U	1	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	1	U	1	U		
Trichloroethene	79-01-6	56000	1000	1	U	1	U	1	U		
Trichlorofluoromethane	75-69-4	500000	260000	1	U	1	U	1	U		
Vinyl Chloride	75-01-4	320	400	1	U	1	U	1	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	4		4		4		4			
			Sample Location	SB189		SB189		SB190		SB208			
			Sample ID	80018-DUP02-0410-0311		80018-SB189-0410-0311		80018-SB190-0410-0311		80018-SB208-0410-0311			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	10		10		9		10			
			Sample Date	4/4/2011		4/4/2011		3/31/2011		4/4/2011			
			Sample Type	FD		N		N		N			
			Field Duplicate Parent	80018-SB189-0410-0311									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	500000	40000	5.1	U	5.6	U	5.6	U	11	U		
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	5.1	U	5.6	U	5.6	U	11	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	5.1	U	5.6	U	5.6	U	11	U		
1,1,2-Trichloroethane	79-00-5	11000	1000	5.1	U	5.6	U	5.6	U	11	U		
1,1-Dichloroethane	75-34-3	500000	14000	5.1	U	5.6	U	5.6	U	11	U		
1,1-Dichloroethene	75-35-4	1000	1400	5.1	U	5.6	U	5.6	U	11	U		
1,2,3-Trichlorobenzene	87-61-6	--	--	5.1	U	5.6	U	5.6	U	11	U		
1,2,4-Trichlorobenzene	120-82-1	680000	14000	5.1	U	5.6	U	5.6	U	11	U		
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	5.1	U	5.6	U	5.6	U	11	U		
1,2-Dibromoethane	106-93-4	7	100	5.1	U	5.6	U	5.6	U	11	U		
1,2-Dichlorobenzene	95-50-1	500000	3100	5.1	U	5.6	U	5.6	U	11	U		
1,2-Dichloroethane	107-06-2	6700	200	5.1	U	5.6	U	5.6	U	11	U		
1,2-Dichloropropane	78-87-5	9000	1000	5.1	U	5.6	U	5.6	U	11	U		
1,3-Dichlorobenzene	541-73-1	500000	120000	5.1	U	5.6	U	5.6	U	11	U		
1,4-Dichlorobenzene	106-46-7	26000	15000	5.1	U	5.6	U	5.6	U	11	U		
1,4-Dioxane	123-91-1	--	--	100	U	110	U	110	U	210	U		
2-Butanone	78-93-3	500000	80000	3.1	J	11	U	6.8	J	21	U		
2-Hexanone	591-78-6	--	--	10	U	11	U	11	U	21	U		
4-Methyl-2-Pentanone	108-10-1	500000	14000	10	U	11	U	11	U	21	U		
Acetone	67-64-1	500000	140000	8.4	JB	10	JB	21	B	39	B		
Benzene	71-43-2	21000	200	5.1	U	5.6	U	5.6	U	11	U		
Bromochloromethane	74-97-5	--	--	5.1	U	5.6	U	5.6	U	11	U		
Bromodichloromethane	75-27-4	9900	110	5.1	U	5.6	U	5.6	U	11	U		
Bromoform	75-25-2	78000	800	5.1	U	5.6	U	5.6	U	11	U		
Bromomethane	74-83-9	95000	2000	5.1	U	5.6	U	5.6	U	11	U		
Carbon Disulfide	75-15-0	500000	140000	5.1	U	5.6	U	0.54	J	11	U		
Carbon Tetrachloride	56-23-5	4700	1000	5.1	U	5.6	U	5.6	U	11	U		
Chlorobenzene	108-90-7	500000	20000	5.1	U	5.6	U	5.6	U	11	U		
Chloroethane	75-00-3	--	--	5.1	U	5.6	U	5.6	U	11	U		
Chloroform	67-66-3	100000	1200	5.1	U	5.6	U	5.6	U	11	U		
Chloromethane	74-87-3	47000	540	5.1	U	5.6	U	5.6	U	11	U		
Cis-1,2-Dichloroethene	156-59-2	500000	14000	2.5	J	3.7	J	1.2	J	11	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	5.1	U	5.6	U	5.6	U	11	U		
Cyclohexane	110-82-7	--	--	2.5	JB	2.5	JB	2.7	JB	22	B		
Dibromochloromethane	124-48-1	7300	100	5.1	U	5.6	U	5.6	U	11	U		
Dichlorodifluoromethane	75-71-8	--	--	5.1	U	5.6	U	5.6	U	11	U		
Ethylbenzene	100-41-4	500000	10100	5.1	U	5.6	U	5.6	U	11	U		
Isopropylbenzene	98-82-8	500000	132000	5.1	U	5.6	U	5.6	U	11	U		
M,P-Xylene	179601-23-1	500000	19500	5.1	U	5.6	U	5.6	U	11	U		
Methyl Acetate	79-20-9	--	--	5.1	U	5.6	U	5.6	U	11	U		
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	5.1	U	5.6	U	5.6	U	11	U		
Methylcyclohexane	108-87-2	--	--	5.1	U	5.6	U	5.6	U	11	U		
Methylene Chloride	75-09-2	82000	1000	1.2	JB	1.9	JB	5.6	U	7.5	JB		
N-Propylbenzene	103-65-1	500000	14000										

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	4		4		4		4			
			Sample Location	SB189		SB189		SB190		SB208			
			Sample ID	80018-DUP02-0410-0311		80018-SB189-0410-0311		80018-SB190-0410-0311		80018-SB208-0410-0311			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	10		10		9		10			
			Sample Date	4/4/2011		4/4/2011		3/31/2011		4/4/2011			
			Sample Type	FD		N		N		N			
			Field Duplicate Parent	80018-SB189-0410-0311									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
O-Xylene	95-47-6	500000	19500	5.1	U	5.6	U	5.6	U	11	U		
Styrene	100-42-5	500000	20000	5.1	U	5.6	U	5.6	U	11	U		
Tetrachloroethene	127-18-4	12000	1000	5.1	U	5.6	U	5.6	U	11	U		
Toluene	108-88-3	500000	67000	5.1	U	5.6	U	5.6	U	11	U		
Trans-1,2-Dichloroethene	156-60-5	500000	20000	5.1	U	5.6	U	5.6	U	11	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	5.1	U	5.6	U	5.6	U	11	U		
Trichloroethene	79-01-6	56000	1000	1.6	J	2.7	J	5.6	U	150			
Trichlorofluoromethane	75-69-4	500000	260000	5.1	U	5.6	U	5.6	U	11	U		
Vinyl Chloride	75-01-4	320	400	5.1	U	5.6	U	5.6	U	11	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	0		0		0		0			
			Sample Location	SS03		SS04		SS-17		SS-17			
			Sample ID	SS-03~AA25778~~100802		SS-04~AA25699~~100402		APJ63		APJ65			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	0.25		0.25		0.5		0.5			
			Sample Date	10/8/2002		10/4/2002		4/26/1999		4/26/1999			
			Sample Type	N		N		N		FD			
			Field Duplicate Parent							APJ63			
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	500000	40000	1	U	1	U	12	U	12	U		
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	1	U	1	U	12	U	12	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	1	U						
1,1,2-Trichloroethane	79-00-5	11000	1000	1	U	1	U	12	U	12	U		
1,1-Dichloroethane	75-34-3	500000	14000	1	U	1	U	12	U	12	U		
1,1-Dichloroethene	75-35-4	1000	1400	1	U	1	U	12	U	12	U		
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U	1	U						
1,2,4-Trichlorobenzene	120-82-1	680000	14000	1	U	1	U	390	U	390	U		
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	1	U	1	U						
1,2-Dibromoethane	106-93-4	7	100	1	U	1	U						
1,2-Dichlorobenzene	95-50-1	500000	3100	1	U	1	U	390	U	390	U		
1,2-Dichloroethane	107-06-2	6700	200	1	U	1	U	12	U	12	U		
1,2-Dichloropropane	78-87-5	9000	1000	1	U	1	U	12	U	12	U		
1,3-Dichlorobenzene	541-73-1	500000	120000	1	U	1	U	390	U	390	U		
1,4-Dichlorobenzene	106-46-7	26000	15000	1	U	1	U	390	U	390	U		
1,4-Dioxane	123-91-1	--	--										
2-Butanone	78-93-3	500000	80000	5	U	6	U	12	U	12	U		
2-Hexanone	591-78-6	--	--	1	U	1	U	12	U	12	U		
4-Methyl-2-Pentanone	108-10-1	500000	14000	1	U	1	U	12	U	12	U		
Acetone	67-64-1	500000	140000	3	JB	9	B	12	U	12	U		
Benzene	71-43-2	21000	200	1	U	1	U	12	U	12	U		
Bromochloromethane	74-97-5	--	--	1	U	1	U						
Bromodichloromethane	75-27-4	9900	110	1	U	1	U	12	U	12	U		
Bromoform	75-25-2	78000	800	1	U	1	U	12	U	12	U		
Bromomethane	74-83-9	95000	2000	5	U	1	JB	12	U	12	U		
Carbon Disulfide	75-15-0	500000	140000	1	U	1	U	12	U	12	U		
Carbon Tetrachloride	56-23-5	4700	1000	1	U	1	U	12	U	12	U		
Chlorobenzene	108-90-7	500000	20000	1	U	1	U	12	U	12	U		
Chloroethane	75-00-3	--	--	1	U	1	U	12	U	12	U		
Chloroform	67-66-3	100000	1200	1	U	1	U	12	U	12	U		
Chloromethane	74-87-3	47000	540	5	U	6	U	12	U	12	U		
Cis-1,2-Dichloroethene	156-59-2	500000	14000	1	U	1	U						
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	1	U	12	U	12	U		
Cyclohexane	110-82-7	--	--										
Dibromochloromethane	124-48-1	7300	100	1	U	1	U	12	U	12	U		
Dichlorodifluoromethane	75-71-8	--	--	5	U	6	U						
Ethylbenzene	100-41-4	500000	10100	1	U	1	U	12	U	12	U		
Isopropylbenzene	98-82-8	500000	132000	1	U	1	U						
M,P-Xylene	179601-23-1	500000	19500	2	U	2	U						
Methyl Acetate	79-20-9	--	--										
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	8	B	8							
Methylcyclohexane	108-87-2	--	--										
Methylene Chloride	75-09-2	82000	1000	1	U	1	U	12	U	12	U		
N-Propylbenzene	103-65-1	500000	14000	1	U	1	U						

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	SS03		SS04		SS-17		SS-17	
			Sample ID	SS-03~AA25778~~100802		SS-04~AA25699~~100402		APJ63		APJ65	
			Risk Zone	E1*		E1*		E1*		E1*	
			Bottom Depth	0.25		0.25		0.5		0.5	
			Sample Date	10/8/2002		10/4/2002		4/26/1999		4/26/1999	
			Sample Type	N		N		N		FD	
			Field Duplicate Parent							APJ63	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500	1	U	1	U				
Styrene	100-42-5	500000	20000	1	U	1	U	12	U	12	U
Tetrachloroethene	127-18-4	12000	1000	1	U	1	U	12	U	12	U
Toluene	108-88-3	500000	67000	1	U	1	U	12	U	12	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000	1	U	1	U				
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	1	U	12	U	12	U
Trichloroethene	79-01-6	56000	1000	1	U	1	U	12	U	12	U
Trichlorofluoromethane	75-69-4	500000	260000	1	U	1	U				
Vinyl Chloride	75-01-4	320	400	1	U	1	U	12	U	12	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	0		0		0		0			
			Sample Location	SS-18		SS-19		SS-20		SS-21			
			Sample ID	APJ66		APJ68		APJ70		APJ72			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	0.5		0.5		0.5		0.5			
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	500000	40000	12	U	12	U	11	U	12	U		
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	12	U	12	U	11	U	12	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--										
1,1,2-Trichloroethane	79-00-5	11000	1000	12	U	12	U	11	U	12	U		
1,1-Dichloroethane	75-34-3	500000	14000	12	U	12	U	11	U	12	U		
1,1-Dichloroethene	75-35-4	1000	1400	12	U	12	U	11	U	12	U		
1,2,3-Trichlorobenzene	87-61-6	--	--										
1,2,4-Trichlorobenzene	120-82-1	680000	14000	380	U	400	U	380	U	390	U		
1,2-Dibromo-3-Chloropropane	96-12-8	440	--										
1,2-Dibromoethane	106-93-4	7	100										
1,2-Dichlorobenzene	95-50-1	500000	3100	380	U	400	U	380	U	390	U		
1,2-Dichloroethane	107-06-2	6700	200	12	U	12	U	11	U	12	U		
1,2-Dichloropropane	78-87-5	9000	1000	12	U	12	U	11	U	12	U		
1,3-Dichlorobenzene	541-73-1	500000	120000	380	U	400	U	380	U	390	U		
1,4-Dichlorobenzene	106-46-7	26000	15000	380	U	400	U	380	U	390	U		
1,4-Dioxane	123-91-1	--	--										
2-Butanone	78-93-3	500000	80000	12	U	12	U	11	U	12	U		
2-Hexanone	591-78-6	--	--	12	U	12	U	11	U	12	U		
4-Methyl-2-Pentanone	108-10-1	500000	14000	12	U	12	U	11	U	12	U		
Acetone	67-64-1	500000	140000	12	U	12	U	11	U	12	U		
Benzene	71-43-2	21000	200	12	U	12	U	11	U	12	U		
Bromochloromethane	74-97-5	--	--										
Bromodichloromethane	75-27-4	9900	110	12	U	12	U	11	U	12	U		
Bromoform	75-25-2	78000	800	12	U	12	U	11	U	12	U		
Bromomethane	74-83-9	95000	2000	12	U	12	U	11	U	12	U		
Carbon Disulfide	75-15-0	500000	140000	12	U	12	U	11	U	12	U		
Carbon Tetrachloride	56-23-5	4700	1000	12	U	12	U	11	U	12	U		
Chlorobenzene	108-90-7	500000	20000	12	U	12	U	11	U	12	U		
Chloroethane	75-00-3	--	--	12	U	12	U	11	U	12	U		
Chloroform	67-66-3	100000	1200	12	U	12	U	11	U	12	U		
Chloromethane	74-87-3	47000	540	12	U	12	U	11	U	12	U		
Cis-1,2-Dichloroethene	156-59-2	500000	14000										
Cis-1,3-Dichloropropene	10061-01-5	--	--	12	U	12	U	11	U	12	U		
Cyclohexane	110-82-7	--	--										
Dibromochloromethane	124-48-1	7300	100	12	U	12	U	11	U	12	U		
Dichlorodifluoromethane	75-71-8	--	--										
Ethylbenzene	100-41-4	500000	10100	12	U	12	U	11	U	12	U		
Isopropylbenzene	98-82-8	500000	132000										
M,P-Xylene	179601-23-1	500000	19500										
Methyl Acetate	79-20-9	--	--										
Methyl Tert-Butyl Ether	1634-04-4	500000	20000										
Methylcyclohexane	108-87-2	--	--										
Methylene Chloride	75-09-2	82000	1000	12	U	12	U	11	U	12	U		
N-Propylbenzene	103-65-1	500000	14000										

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	0		0		0		0			
			Sample Location	SS-18		SS-19		SS-20		SS-21			
			Sample ID	APJ66		APJ68		APJ70		APJ72			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	0.5		0.5		0.5		0.5			
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
O-Xylene	95-47-6	500000	19500										
Styrene	100-42-5	500000	20000	12	U	12	U	11	U	12	U		
Tetrachloroethene	127-18-4	12000	1000	12	U	12	U	11	UJ	12	U		
Toluene	108-88-3	500000	67000	12	U	12	U	11	U	12	U		
Trans-1,2-Dichloroethene	156-60-5	500000	20000										
Trans-1,3-Dichloropropene	10061-02-6	--	--	12	U	12	U	11	U	12	U		
Trichloroethene	79-01-6	56000	1000	12	U	12	U	11	U	12	U		
Trichlorofluoromethane	75-69-4	500000	260000										
Vinyl Chloride	75-01-4	320	400	12	U	12	U	11	U	12	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0		0.5		0.5		0.5	
			Sample Location	SS-22		SS-17		SS-18		SS-19	
			Sample ID	APJ74		APJ64		APJ67		APJ69	
			Risk Zone	E1*		E1*		E1*		E1*	
			Bottom Depth	0.5		2		2		2	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	11	U	11	U	10	U	10	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	11	U	11	U	10	U	10	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--								
1,1,2-Trichloroethane	79-00-5	11000	1000	11	U	11	U	10	U	10	U
1,1-Dichloroethane	75-34-3	500000	14000	11	U	11	U	10	U	10	U
1,1-Dichloroethene	75-35-4	1000	1400	11	U	11	U	10	U	10	U
1,2,3-Trichlorobenzene	87-61-6	--	--								
1,2,4-Trichlorobenzene	120-82-1	680000	14000	370	U	370	U	340	U	350	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--								
1,2-Dibromoethane	106-93-4	7	100								
1,2-Dichlorobenzene	95-50-1	500000	3100	370	U	370	U	340	U	350	U
1,2-Dichloroethane	107-06-2	6700	200	11	U	11	U	10	U	10	U
1,2-Dichloropropane	78-87-5	9000	1000	11	U	11	U	10	U	10	U
1,3-Dichlorobenzene	541-73-1	500000	120000	370	U	370	U	340	U	350	U
1,4-Dichlorobenzene	106-46-7	26000	15000	370	U	370	U	340	U	350	U
1,4-Dioxane	123-91-1	--	--								
2-Butanone	78-93-3	500000	80000	11	U	11	U	10	U	10	U
2-Hexanone	591-78-6	--	--	11	U	11	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	11	U	11	U	10	U	10	U
Acetone	67-64-1	500000	140000	11	U	11	U	10	U	10	U
Benzene	71-43-2	21000	200	11	U	11	U	10	U	10	U
Bromochloromethane	74-97-5	--	--								
Bromodichloromethane	75-27-4	9900	110	11	U	11	U	10	U	10	U
Bromoform	75-25-2	78000	800	11	U	11	U	10	U	10	U
Bromomethane	74-83-9	95000	2000	11	U	11	U	10	U	10	U
Carbon Disulfide	75-15-0	500000	140000	11	U	11	U	10	U	10	U
Carbon Tetrachloride	56-23-5	4700	1000	11	U	11	U	10	U	10	U
Chlorobenzene	108-90-7	500000	20000	11	U	11	U	10	U	10	U
Chloroethane	75-00-3	--	--	11	U	11	U	10	U	10	U
Chloroform	67-66-3	100000	1200	11	U	11	U	10	U	10	U
Chloromethane	74-87-3	47000	540	11	U	11	U	10	U	10	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000								
Cis-1,3-Dichloropropene	10061-01-5	--	--	11	U	11	U	10	U	10	U
Cyclohexane	110-82-7	--	--								
Dibromochloromethane	124-48-1	7300	100	11	U	11	U	10	U	10	U
Dichlorodifluoromethane	75-71-8	--	--								
Ethylbenzene	100-41-4	500000	10100	11	U	11	U	10	U	10	U
Isopropylbenzene	98-82-8	500000	132000								
M,P-Xylene	179601-23-1	500000	19500								
Methyl Acetate	79-20-9	--	--								
Methyl Tert-Butyl Ether	1634-04-4	500000	20000								
Methylcyclohexane	108-87-2	--	--								
Methylene Chloride	75-09-2	82000	1000	11	U	20	U	10	U	10	U
N-Propylbenzene	103-65-1	500000	14000								

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	0		0.5		0.5		0.5			
			Sample Location	SS-22		SS-17		SS-18		SS-19			
			Sample ID	APJ74		APJ64		APJ67		APJ69			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	0.5		2		2		2			
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
O-Xylene	95-47-6	500000	19500										
Styrene	100-42-5	500000	20000	11	U	11	U	10	U	10	U		
Tetrachloroethene	127-18-4	12000	1000	11	UJ	11	U	10	U	10	U		
Toluene	108-88-3	500000	67000	11	U	11	U	10	U	10	U		
Trans-1,2-Dichloroethene	156-60-5	500000	20000										
Trans-1,3-Dichloropropene	10061-02-6	--	--	11	U	11	U	10	U	10	U		
Trichloroethene	79-01-6	56000	1000	11	U	11	U	10	U	10	U		
Trichlorofluoromethane	75-69-4	500000	260000										
Vinyl Chloride	75-01-4	320	400	11	U	11	U	10	U	10	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0.5		0.5		0.5		5	
			Sample Location	SS-20		SS-21		SS-22		SB150	
			Sample ID	APJ71		APJ73		APJ75		80018-DUP106-0507	
			Risk Zone	E1*		E1*		E1*		E1*	
			Bottom Depth	2		2		2		7	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		10/23/2008	
			Sample Type	N		N		N		FD	
			Field Duplicate Parent							80018-SB150-0507	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	10	U	11	U	11	U	370	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	10	U	11	U	11	U	370	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--							370	U
1,1,2-Trichloroethane	79-00-5	11000	1000	10	U	11	U	11	U	370	U
1,1-Dichloroethane	75-34-3	500000	14000	10	U	11	U	11	U	370	U
1,1-Dichloroethene	75-35-4	1000	1400	10	U	11	U	11	U	370	U
1,2,3-Trichlorobenzene	87-61-6	--	--							370	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	340	U	370	U	370	U	370	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--							370	U
1,2-Dibromoethane	106-93-4	7	100							370	U
1,2-Dichlorobenzene	95-50-1	500000	3100	340	U	370	U	370	U	370	U
1,2-Dichloroethane	107-06-2	6700	200	10	U	11	U	11	U	370	U
1,2-Dichloropropane	78-87-5	9000	1000	10	U	11	U	11	U	370	U
1,3-Dichlorobenzene	541-73-1	500000	120000	340	U	370	U	370	U	370	U
1,4-Dichlorobenzene	106-46-7	26000	15000	340	U	370	U	370	U	370	U
1,4-Dioxane	123-91-1	--	--								R
2-Butanone	78-93-3	500000	80000	10	U	11	U	11	U	730	U
2-Hexanone	591-78-6	--	--	10	U	11	U	11	U	730	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	10	U	11	U	11	U	730	U
Acetone	67-64-1	500000	140000	10	U	11	U	11	U	730	U
Benzene	71-43-2	21000	200	10	U	11	U	11	U	370	U
Bromochloromethane	74-97-5	--	--							370	U
Bromodichloromethane	75-27-4	9900	110	10	U	11	U	11	U	370	U
Bromoform	75-25-2	78000	800	10	U	11	U	11	U	370	U
Bromomethane	74-83-9	95000	2000	10	U	11	U	11	U	370	UJ
Carbon Disulfide	75-15-0	500000	140000	10	U	11	U	11	U	370	U
Carbon Tetrachloride	56-23-5	4700	1000	10	U	11	U	11	U	370	U
Chlorobenzene	108-90-7	500000	20000	10	U	11	U	11	U	370	U
Chloroethane	75-00-3	--	--	10	U	11	U	11	U	370	U
Chloroform	67-66-3	100000	1200	10	U	11	U	11	U	370	U
Chloromethane	74-87-3	47000	540	10	U	11	U	11	U	370	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000							92	J
Cis-1,3-Dichloropropene	10061-01-5	--	--	10	U	11	U	11	U	370	U
Cyclohexane	110-82-7	--	--							370	U
Dibromochloromethane	124-48-1	7300	100	10	U	11	U	11	U	370	U
Dichlorodifluoromethane	75-71-8	--	--							370	U
Ethylbenzene	100-41-4	500000	10100	10	U	11	U	11	U	370	U
Isopropylbenzene	98-82-8	500000	132000							370	U
M,P-Xylene	179601-23-1	500000	19500							370	U
Methyl Acetate	79-20-9	--	--							1400	J
Methyl Tert-Butyl Ether	1634-04-4	500000	20000							370	U
Methylcyclohexane	108-87-2	--	--							370	U
Methylene Chloride	75-09-2	82000	1000	10	U	11	U	11	U	370	U
N-Propylbenzene	103-65-1	500000	14000								

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0.5		0.5		0.5		5	
			Sample Location	SS-20		SS-21		SS-22		SB150	
			Sample ID	APJ71		APJ73		APJ75		80018-DUP106-0507	
			Risk Zone	E1*		E1*		E1*		E1*	
			Bottom Depth	2		2		2		7	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		10/23/2008	
			Sample Type	N		N		N		FD	
			Field Duplicate Parent							80018-SB150-0507	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500							370	U
Styrene	100-42-5	500000	20000	10	U	11	U	11	U	370	U
Tetrachloroethene	127-18-4	12000	1000	10	U	11	U	11	UJ	370	U
Toluene	108-88-3	500000	67000	10	U	11	U	11	U	370	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000							370	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	10	U	11	U	11	U	370	U
Trichloroethene	79-01-6	56000	1000	10	U	11	U	11	U	370	U
Trichlorofluoromethane	75-69-4	500000	260000							370	U
Vinyl Chloride	75-01-4	320	400	10	U	11	U	11	U	120	J

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	5		5		5		5	
			Sample Location	SB150		SB152		SB153		SB154	
			Sample ID	80018-SB150-0507		80018-SB152-0507		80018-SB153-0507		80018-SB154-0507	
			Risk Zone	E1*		E1*		E1*		E1*	
			Bottom Depth	7		7		7		7	
			Sample Date	10/23/2008		10/24/2008		10/24/2008		10/23/2008	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	320	U	290	U	320	U	250	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	320	U	290	U	320	U	250	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	320	U	290	U	320	U	250	U
1,1,2-Trichloroethane	79-00-5	11000	1000	320	U	290	U	320	U	250	U
1,1-Dichloroethane	75-34-3	500000	14000	320	U	290	U	320	U	250	U
1,1-Dichloroethene	75-35-4	1000	1400	320	U	290	U	320	U	250	U
1,2,3-Trichlorobenzene	87-61-6	--	--	320	U	290	U	320	U	250	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	320	U	290	U	320	U	250	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	320	U	290	U	320	U	250	U
1,2-Dibromoethane	106-93-4	7	100	320	U	290	U	320	U	250	U
1,2-Dichlorobenzene	95-50-1	500000	3100	320	U	290	U	320	U	250	U
1,2-Dichloroethane	107-06-2	6700	200	320	U	290	U	320	U	250	U
1,2-Dichloropropane	78-87-5	9000	1000	320	UJ	290	UJ	320	U	250	U
1,3-Dichlorobenzene	541-73-1	500000	120000	320	U	290	U	320	U	250	U
1,4-Dichlorobenzene	106-46-7	26000	15000	320	U	290	U	320	U	250	U
1,4-Dioxane	123-91-1	--	--		R		R		R		R
2-Butanone	78-93-3	500000	80000	630	U	570	U	640	U	500	U
2-Hexanone	591-78-6	--	--	630	U	570	U	640	U	500	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	630	U	570	U	640	U	500	U
Acetone	67-64-1	500000	140000	630	U	570	U	640	U	500	U
Benzene	71-43-2	21000	200	320	U	290	U	320	U	250	U
Bromochloromethane	74-97-5	--	--	320	U	290	U	320	U	250	U
Bromodichloromethane	75-27-4	9900	110	320	UJ	290	UJ	320	U	250	U
Bromoform	75-25-2	78000	800	320	U	290	U	320	U	250	U
Bromomethane	74-83-9	95000	2000	320	UJ	290	UJ	320	UJ	250	UJ
Carbon Disulfide	75-15-0	500000	140000	320	U	290	U	320	U	250	U
Carbon Tetrachloride	56-23-5	4700	1000	320	U	290	U	320	U	250	U
Chlorobenzene	108-90-7	500000	20000	320	U	290	U	320	U	250	U
Chloroethane	75-00-3	--	--	320	U	290	U	320	U	250	U
Chloroform	67-66-3	100000	1200	320	U	290	U	320	U	250	U
Chloromethane	74-87-3	47000	540	320	U	290	U	320	U	250	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000	320	U	290	U	83	J	250	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	320	U	290	U	320	U	250	U
Cyclohexane	110-82-7	--	--	320	UJ	290	UJ	320	U	250	U
Dibromochloromethane	124-48-1	7300	100	320	U	290	U	320	U	250	U
Dichlorodifluoromethane	75-71-8	--	--	320	U	290	U	320	U	250	U
Ethylbenzene	100-41-4	500000	10100	320	U	290	U	320	U	250	U
Isopropylbenzene	98-82-8	500000	132000	320	U	290	U	320	U	250	U
M,P-Xylene	179601-23-1	500000	19500	320	U	290	U	320	U	250	U
Methyl Acetate	79-20-9	--	--	490	J	7300		130	J	190	J
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	320	U	290	U	320	U	250	U
Methylcyclohexane	108-87-2	--	--	320	UJ	290	UJ	320	U	250	U
Methylene Chloride	75-09-2	82000	1000	320	U	290	U	320	U	250	U
N-Propylbenzene	103-65-1	500000	14000								

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	5		5		5		5	
			Sample Location	SB150		SB152		SB153		SB154	
			Sample ID	80018-SB150-0507		80018-SB152-0507		80018-SB153-0507		80018-SB154-0507	
			Risk Zone	E1*		E1*		E1*		E1*	
			Bottom Depth	7		7		7		7	
			Sample Date	10/23/2008		10/24/2008		10/24/2008		10/23/2008	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500	320	U	290	U	320	U	250	U
Styrene	100-42-5	500000	20000	320	U	290	U	320	U	250	U
Tetrachloroethene	127-18-4	12000	1000	320	U	290	U	320	U	250	U
Toluene	108-88-3	500000	67000	320	U	290	U	320	U	250	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000	320	U	290	U	320	U	250	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	320	U	290	U	320	U	250	U
Trichloroethene	79-01-6	56000	1000	320	U	260	J	63	J	250	U
Trichlorofluoromethane	75-69-4	500000	260000	320	U	290	U	320	U	250	U
Vinyl Chloride	75-01-4	320	400	95	J	290	U	320	U	250	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Stc
			Top Depth	7		9		12		14		15		1
			Sample Location	SB06		SB05		SB13		SB05		SB151		SE
			Sample ID	SB06-7-8~AA26116~~102102		SB05-9-10~AA26114~~101102		SB13-12-13~AA25799~~101602		SB05-14-15~AA26115~~101402		80018-SB151-1517		SB06-16-17~AA
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E
			Bottom Depth	8		10		13		15		17		1
			Sample Date	10/21/2002		10/11/2002		10/16/2002		10/14/2002		10/23/2008		10/10
			Sample Type	N		N		N		N		N		N
			Field Duplicate Parent											
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
1,1,1-Trichloroethane	71-55-6	500000	40000	1	U	1	U	1	U	1	U	680	U	1
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	1	U	1	U	1	U	1	U	680	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	1	U	1	U	1	U	680	U	1
1,1,2-Trichloroethane	79-00-5	11000	1000	1	U	1	U	1	U	1	U	680	U	1
1,1-Dichloroethane	75-34-3	500000	14000	1	U	1	U	1	U	1	U	680	U	1
1,1-Dichloroethene	75-35-4	1000	1400	1	U	1	U	1	U	1	U	680	U	1
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U	1	U	1	U	1	U	680	U	1
1,2,4-Trichlorobenzene	120-82-1	680000	14000	1	U	1	U	1	U	1	U	680	U	1
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	1	U	1	U	1	U	1	U	680	U	1
1,2-Dibromoethane	106-93-4	7	100	1	U	1	U	1	U	1	U	680	U	1
1,2-Dichlorobenzene	95-50-1	500000	3100	1	U	1	U	1	U	1	U	680	U	1
1,2-Dichloroethane	107-06-2	6700	200	1	U	1	U	1	U	1	U	680	U	1
1,2-Dichloropropane	78-87-5	9000	1000	1	U	1	U	1	U	1	U	680	UJ	1
1,3-Dichlorobenzene	541-73-1	500000	120000	1	U	1	U	1	U	1	U	680	U	1
1,4-Dichlorobenzene	106-46-7	26000	15000	1	U	1	U	1	U	1	U	680	U	1
1,4-Dioxane	123-91-1	--	--										R	
2-Butanone	78-93-3	500000	80000	10	J	8		16		6	U	1400	U	5
2-Hexanone	591-78-6	--	--	1	U	1	U	3		1	U	1400	U	1
4-Methyl-2-Pentanone	108-10-1	500000	14000	1	U	1	U	1	U	1	U	1400	U	1
Acetone	67-64-1	500000	140000	34	J	42	J	67		12	JB	1400	U	12
Benzene	71-43-2	21000	200	1	U	1	U	1	U	1	U	680	U	1
Bromochloromethane	74-97-5	--	--	1	U	1	U	1	U	1	U	680	U	1
Bromodichloromethane	75-27-4	9900	110	1	U	1	U	1	U	1	U	680	UJ	1
Bromoform	75-25-2	78000	800	1	U	1	U	1	U	1	U	680	U	1
Bromomethane	74-83-9	95000	2000	1	U	6	U	6	U	6	U	680	UJ	5
Carbon Disulfide	75-15-0	500000	140000	1	U	1	U	1	U	1	U	680	U	1
Carbon Tetrachloride	56-23-5	4700	1000	1	U	1	U	1	U	1	U	680	U	1
Chlorobenzene	108-90-7	500000	20000	1	U	1	U	1	U	1	U	680	U	1
Chloroethane	75-00-3	--	--	1	U	1	U	1	U	1	U	680	U	1
Chloroform	67-66-3	100000	1200	1	U	1	U	1	U	7		680	U	2
Chloromethane	74-87-3	47000	540	1	U	6	U	1	U	6	U	680	U	5
Cis-1,2-Dichloroethene	156-59-2	500000	14000	1	U	1	U	1		1	U	680	U	1
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	1	U	1	U	1	U	680	U	1
Cyclohexane	110-82-7	--	--									680	UJ	
Dibromochloromethane	124-48-1	7300	100	1	U	1	U	1	U	1	U	680	U	1
Dichlorodifluoromethane	75-71-8	--	--	1	U	6	U	6	U	6	U	680	U	5
Ethylbenzene	100-41-4	500000	10100	1	U	1	U	1	U	1	U	680	U	1
Isopropylbenzene	98-82-8	500000	132000	1	U	1	U	13	J	1	U	680	U	1
M,P-Xylene	179601-23-1	500000	19500	2	U	2	U	61		2	U	680	U	2
Methyl Acetate	79-20-9	--	--									150	J	
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	7	J	7		10	B	8		680	U	5
Methylcyclohexane	108-87-2	--	--									680	UJ	
Methylene Chloride	75-09-2	82000	1000	1	U	1	U	1	U	1	U	680	U	1
N-Propylbenzene	103-65-1	500000	14000	1	U	1	U	19	J	1	U			1

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Stc
			Top Depth	7		9		12		14		15		1
			Sample Location	SB06		SB05		SB13		SB05		SB151		SE
			Sample ID	SB06-7-8~AA26116~~102102		SB05-9-10~AA26114~~101102		SB13-12-13~AA25799~~101602		SB05-14-15~AA26115~~101402		80018-SB151-1517		SB06-16-17~AA
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E
			Bottom Depth	8		10		13		15		17		1
			Sample Date	10/21/2002		10/11/2002		10/16/2002		10/14/2002		10/23/2008		10/10
			Sample Type	N		N		N		N		N		N
			Field Duplicate Parent											
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
O-Xylene	95-47-6	500000	19500	1	U	1	U	47		1	U	680	U	1
Styrene	100-42-5	500000	20000	1	U	1	U	1	U	1	U	680	U	1
Tetrachloroethene	127-18-4	12000	1000	1	U	1	U	1	U	1	U	680	U	1
Toluene	108-88-3	500000	67000	1	U	1	U	10		1	U	680	U	1
Trans-1,2-Dichloroethene	156-60-5	500000	20000	1	U	1	U	1	U	1	U	680	U	1
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	1	U	1	U	1	U	680	U	1
Trichloroethene	79-01-6	56000	1000	1	U	1	U	2		1	U	680	U	1
Trichlorofluoromethane	75-69-4	500000	260000	1	U	1	U	1	U	1	U	680	U	1
Vinyl Chloride	75-01-4	320	400	1	U	1	U	21		1	U	680	U	1

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	ıre Ave.	136 Store Ave.		136 Store Ave.	
			Top Depth	6	4		4	
			Sample Location	;06	SB205		SB206	
			Sample ID	26117~~101002	80018-SB205-0410-0311		80018-SB206-0410-0311	
			Risk Zone	1*	E3*		E3*	
			Bottom Depth	7	10		10	
			Sample Date	/2002	4/4/2011		4/4/2011	
			Sample Type	ɴ	N		N	
			Field Duplicate Parent					
			Unit	/kg	ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	U	9.9	U	9	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	U	9.9	U	9	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	U	9.9	U	9	U
1,1,2-Trichloroethane	79-00-5	11000	1000	U	9.9	U	9	U
1,1-Dichloroethane	75-34-3	500000	14000	U	9.9	U	9	U
1,1-Dichloroethene	75-35-4	1000	1400	U	9.9	U	9	U
1,2,3-Trichlorobenzene	87-61-6	--	--	U	9.9	U	9	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	U	9.9	U	9	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	U	9.9	U	9	U
1,2-Dibromoethane	106-93-4	7	100	U	9.9	U	9	U
1,2-Dichlorobenzene	95-50-1	500000	3100	U	9.9	U	9	U
1,2-Dichloroethane	107-06-2	6700	200	U	9.9	U	9	U
1,2-Dichloropropane	78-87-5	9000	1000	U	9.9	U	9	U
1,3-Dichlorobenzene	541-73-1	500000	120000	U	9.9	U	9	U
1,4-Dichlorobenzene	106-46-7	26000	15000	U	9.9	U	9	U
1,4-Dioxane	123-91-1	--	--		200	U	180	U
2-Butanone	78-93-3	500000	80000	U	20	U	18	U
2-Hexanone	591-78-6	--	--	U	20	U	18	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	U	20	U	18	U
Acetone	67-64-1	500000	140000	B	26	B	40	B
Benzene	71-43-2	21000	200	U	9.9	U	9	U
Bromochloromethane	74-97-5	--	--	U	9.9	U	9	U
Bromodichloromethane	75-27-4	9900	110	U	9.9	U	9	U
Bromoform	75-25-2	78000	800	U	9.9	U	9	U
Bromomethane	74-83-9	95000	2000	U	9.9	U	9	U
Carbon Disulfide	75-15-0	500000	140000	U	9.9	U	9	U
Carbon Tetrachloride	56-23-5	4700	1000	U	9.9	U	9	U
Chlorobenzene	108-90-7	500000	20000	U	9.9	U	9	U
Chloroethane	75-00-3	--	--	U	9.9	U	9	U
Chloroform	67-66-3	100000	1200		9.9	U	9	U
Chloromethane	74-87-3	47000	540	U	9.9	U	9	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000	U	9.9	U	9	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	U	9.9	U	9	U
Cyclohexane	110-82-7	--	--		12	B	19	B
Dibromochloromethane	124-48-1	7300	100	U	9.9	U	9	U
Dichlorodifluoromethane	75-71-8	--	--	U	9.9	U	9	U
Ethylbenzene	100-41-4	500000	10100	U	9.9	U	9	U
Isopropylbenzene	98-82-8	500000	132000	U	9.9	U	9	U
M,P-Xylene	179601-23-1	500000	19500	U	9.9	U	9	U
Methyl Acetate	79-20-9	--	--		9.9	U	9	U
Methyl Tert-Butyl Ether	1634-04-4	500000	20000		9.9	U	9	U
Methylcyclohexane	108-87-2	--	--		9.9	U	9	U
Methylene Chloride	75-09-2	82000	1000	U	4.5	JB	4.8	JB
N-Propylbenzene	103-65-1	500000	14000	U				

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

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			Sample Location	ı06	SB205		SB206	
			Sample ID	26117~~101002	80018-SB205-0410-0311		80018-SB206-0410-0311	
			Risk Zone	1*	E3*		E3*	
			Bottom Depth	7	10		10	
			Sample Date	/2002	4/4/2011		4/4/2011	
			Sample Type	ɴ	N		N	
			Field Duplicate Parent					
			Unit	/kg	ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500	U	9.9	U	9	U
Styrene	100-42-5	500000	20000	U	9.9	U	9	U
Tetrachloroethene	127-18-4	12000	1000	U	9.9	U	9	U
Toluene	108-88-3	500000	67000	U	9.9	U	9	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000	U	9.9	U	9	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	U	9.9	U	9	U
Trichloroethene	79-01-6	56000	1000	U	9.9	U	9	U
Trichlorofluoromethane	75-69-4	500000	260000	U	9.9	U	9	U
Vinyl Chloride	75-01-4	320	400	U	9.9	U	9	U

Notes:

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CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

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VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Sto
			Top Depth	0		0		0		0		0		0		(
			Sample Location	SS27		SS31		SS-33		SS-34		SS-35		SS-36		SS
			Sample ID	SS-027~AA26223~~102402		SS-031~AA26627~~110102		APJ97		APJ99		APK02		APK04		AP
			Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E
			Bottom Depth	0.25		0.25		0.5		0.5		0.5		0.5		0
			Sample Date	10/24/2002		11/1/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/
			Sample Type	N		N		N		N		N		N		N
			Field Duplicate Parent													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
1,1,1-Trichloroethane	71-55-6	500000	40000	1	U	1	U	11	U	12	U	12	U	11	U	12
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	1	U	1	U	11	U	12	U	12	U	11	U	12
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	1	U									
1,1,2-Trichloroethane	79-00-5	11000	1000	1	U	1	U	11	U	12	U	12	U	11	U	12
1,1-Dichloroethane	75-34-3	500000	14000	1	U	1	U	11	U	12	U	12	U	11	U	12
1,1-Dichloroethene	75-35-4	1000	1400	1	U	1	U	11	U	12	U	12	U	11	U	12
1,2,3-Trichlorobenzene	87-61-6	--	--	1	JB	6	U									
1,2,4-Trichlorobenzene	120-82-1	680000	14000	1	U	1	J	370	U	390	U	410	U	380	U	390
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	1	U	1	U									
1,2-Dibromoethane	106-93-4	7	100	1	U	1	U									
1,2-Dichlorobenzene	95-50-1	500000	3100	1	U	1	U	370	U	390	U	410	U	380	U	390
1,2-Dichloroethane	107-06-2	6700	200	1	U	1	U	11	U	12	U	12	U	11	U	12
1,2-Dichloropropane	78-87-5	9000	1000	1	U	1	U	11	U	12	U	12	U	11	U	12
1,3-Dichlorobenzene	541-73-1	500000	120000	1	U	1	U	370	U	390	U	410	U	380	U	390
1,4-Dichlorobenzene	106-46-7	26000	15000	1	U	1	U	370	U	390	U	410	U	380	U	390
1,4-Dioxane	123-91-1	--	--													
2-Butanone	78-93-3	500000	80000	1	U	1	U	11	U	12	U	12	U	11	U	12
2-Hexanone	591-78-6	--	--	1	U	1	U	11	U	12	U	12	U	11	U	12
4-Methyl-2-Pentanone	108-10-1	500000	14000	1	U	1	U	11	U	12	U	12	U	11	U	12
Acetone	67-64-1	500000	140000	2	J	6	J	11	U	12	U	12	U	11	U	12
Benzene	71-43-2	21000	200	1	U	1	U	11	U	12	U	12	U	11	U	12
Bromochloromethane	74-97-5	--	--	1	U	1	U									
Bromodichloromethane	75-27-4	9900	110	1	U	1	U	11	U	12	U	12	U	11	U	12
Bromoform	75-25-2	78000	800	1	U	1	U	11	U	12	U	12	U	11	U	12
Bromomethane	74-83-9	95000	2000	5	U	6	U	11	U	12	U	12	U	11	U	12
Carbon Disulfide	75-15-0	500000	140000	1	U	1	U	11	U	12	U	12	U	11	U	12
Carbon Tetrachloride	56-23-5	4700	1000	1	U	1	U	11	U	12	U	12	U	11	U	12
Chlorobenzene	108-90-7	500000	20000	1	U	1	U	11	U	12	U	12	U	11	U	12
Chloroethane	75-00-3	--	--	1	U	1	U	11	U	12	U	12	U	11	U	12
Chloroform	67-66-3	100000	1200	1	U	1	U	11	U	12	U	12	U	11	U	12
Chloromethane	74-87-3	47000	540	1	U	1	U	11	U	12	U	12	U	11	U	12
Cis-1,2-Dichloroethene	156-59-2	500000	14000	1	U	1	U									
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	1	U	11	U	12	U	12	U	11	U	12
Cyclohexane	110-82-7	--	--													
Dibromochloromethane	124-48-1	7300	100	1	U	1	U	11	U	12	U	12	U	11	U	12
Dichlorodifluoromethane	75-71-8	--	--	1	U	1	U									
Ethylbenzene	100-41-4	500000	10100	1	U	1	U	11	U	12	U	12	U	11	U	12
Isopropylbenzene	98-82-8	500000	132000	1	U	1	U									
M,P-Xylene	179601-23-1	500000	19500	2	U	2	U									
Methyl Acetate	79-20-9	--	--													
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	4	B	4										
Methylcyclohexane	108-87-2	--	--													
Methylene Chloride	75-09-2	82000	1000	1	U	1	U	44	U	19	U	27	U	15	U	22
N-Propylbenzene	103-65-1	500000	14000	1	U	1	U									

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Stc
			Top Depth	0		0		0		0		0		0		(
			Sample Location	SS27		SS31		SS-33		SS-34		SS-35		SS-36		SS
			Sample ID	SS-027~AA26223~~102402		SS-031~AA26627~~110102		APJ97		APJ99		APK02		APK04		AP
			Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E
			Bottom Depth	0.25		0.25		0.5		0.5		0.5		0.5		0
			Sample Date	10/24/2002		11/1/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/
			Sample Type	N		N		N		N		N		N		N
			Field Duplicate Parent													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
O-Xylene	95-47-6	500000	19500	1	U	1	U									
Styrene	100-42-5	500000	20000	1	U	1	U	11	U	12	U	12	U	11	U	12
Tetrachloroethene	127-18-4	12000	1000	1	U	1	U	11	U	12	U	12	U	11	U	12
Toluene	108-88-3	500000	67000	1	U	1	U	1	J	12	U	12	U	11	U	12
Trans-1,2-Dichloroethene	156-60-5	500000	20000	1	U	1	U									
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	1	U	11	U	12	U	12	U	11	U	12
Trichloroethene	79-01-6	56000	1000	1	U	1	U	11	U	12	U	12	U	11	U	12
Trichlorofluoromethane	75-69-4	500000	260000	1	U	1	U									
Vinyl Chloride	75-01-4	320	400	1	U	1	U	11	U	12	U	12	U	11	U	12

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	re Ave.	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	)	0.5		0.5		0.5		0.5		0.5		0.5		0.5		5	
			Sample Location	-37	SS-33		SS-34		SS-34		SS-35		SS-36		SS-37		SB163	
			Sample ID	<06	APJ98		APK00		APK01		APK03		APK05		APK07		80018-SB163-0507	
			Risk Zone	3*	E3*		E3*		E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	.5	2		2		2		2		2		2		7	
			Sample Date	1999	4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		10/21/2008	
			Sample Type	ı	N		N		FD		N		N		N		N	
			Field Duplicate Parent						APK00									
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--														420	U
1,1,2-Trichloroethane	79-00-5	11000	1000	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
1,1-Dichloroethane	75-34-3	500000	14000	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
1,1-Dichloroethene	75-35-4	1000	1400	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
1,2,3-Trichlorobenzene	87-61-6	--	--														420	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	U	380	U	770	U	380	U	350	U	380	U	380	U	420	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--														420	U
1,2-Dibromoethane	106-93-4	7	100														420	U
1,2-Dichlorobenzene	95-50-1	500000	3100	U	380	U	770	U	380	U	350	U	380	U	380	U	420	U
1,2-Dichloroethane	107-06-2	6700	200	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
1,2-Dichloropropane	78-87-5	9000	1000	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
1,3-Dichlorobenzene	541-73-1	500000	120000	U	380	U	770	U	380	U	350	U	380	U	380	U	420	U
1,4-Dichlorobenzene	106-46-7	26000	15000	U	380	U	770	U	380	U	350	U	380	U	380	U	420	U
1,4-Dioxane	123-91-1	--	--															R
2-Butanone	78-93-3	500000	80000	U	12	U	12	U	12	U	11	U	11	U	12	U	840	U
2-Hexanone	591-78-6	--	--	U	12	U	12	U	12	UJ	11	UJ	11	U	12	UJ	840	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	U	12	U	12	U	12	U	11	U	11	U	12	U	840	U
Acetone	67-64-1	500000	140000	U	12	U	12	U	12	U	7	J	11	U	12	U	840	U
Benzene	71-43-2	21000	200	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Bromochloromethane	74-97-5	--	--														420	U
Bromodichloromethane	75-27-4	9900	110	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Bromoform	75-25-2	78000	800	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Bromomethane	74-83-9	95000	2000	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Carbon Disulfide	75-15-0	500000	140000	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Carbon Tetrachloride	56-23-5	4700	1000	U	12	U	12	U	12	U	11	U	11	U	12	U	110	J
Chlorobenzene	108-90-7	500000	20000	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Chloroethane	75-00-3	--	--	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Chloroform	67-66-3	100000	1200	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Chloromethane	74-87-3	47000	540	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000														420	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Cyclohexane	110-82-7	--	--														420	U
Dibromochloromethane	124-48-1	7300	100	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Dichlorodifluoromethane	75-71-8	--	--														420	U
Ethylbenzene	100-41-4	500000	10100	U	12	U	12	U	12	U	11	U	11	U	12	U	420	U
Isopropylbenzene	98-82-8	500000	132000														420	U
M,P-Xylene	179601-23-1	500000	19500														420	U
Methyl Acetate	79-20-9	--	--														420	U
Methyl Tert-Butyl Ether	1634-04-4	500000	20000														420	U
Methylcyclohexane	108-87-2	--	--														420	U
Methylene Chloride	75-09-2	82000	1000	U	43	U	45	U	21	U	32	U	21	U	32	U	420	U
N-Propylbenzene	103-65-1	500000	14000															

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address		ıre Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth		)		0.5		0.5		0.5		0.5		0.5		0.5		0.5		5	
			Sample Location		-37		SS-33		SS-34		SS-34		SS-35		SS-36		SS-37		SB163	
			Sample ID		<06		APJ98		APK00		APK01		APK03		APK05		APK07		80018-SB163-0507	
			Risk Zone		3*		E3*		E3*		E3*		E3*		E3*		E3*		E3*	
			Bottom Depth		.5		2		2		2		2		2		2		7	
			Sample Date		1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		10/21/2008	
			Sample Type		ı		N		N		FD		N		N		N		N	
			Field Duplicate Parent								APK00									
			Unit		/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**		**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500																420	U
Styrene	100-42-5	500000	20000	U		12	U	12	U	12	U	11	U	11	U	12	U	420	U
Tetrachloroethene	127-18-4	12000	1000	U		12	U	12	U	12	U	11	U	11	U	12	U	420	U
Toluene	108-88-3	500000	67000	U		2	J	2	J	12	U	11	U	11	U	12	U	420	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000															420	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	U		12	U	12	U	12	U	11	U	11	U	12	U	420	U
Trichloroethene	79-01-6	56000	1000	U		12	U	12	U	12	U	11	U	11	U	12	U	420	U
Trichlorofluoromethane	75-69-4	500000	260000															420	U
Vinyl Chloride	75-01-4	320	400	U		12	U	12	U	12	U	11	U	11	U	12	U	420	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	5		5		5		8		8	
			Sample Location	SB164		SB165		SB166		SB32		SB33	
			Sample ID	80018-SB164-0507		80018-SB165-0507		80018-SB166-0507		SB32-8-9~AA26034~~101002		SB33-8-9~AA26033~~101002	
			Risk Zone	E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	7		7		7		9		9	
			Sample Date	10/21/2008		10/21/2008		10/21/2008		10/10/2002		10/10/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	340	U	340	U	450	U	2	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	340	U	340	U	450	U	2	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	340	U	340	U	450	U	2	U	1	U
1,1,2-Trichloroethane	79-00-5	11000	1000	340	U	340	U	450	U	2	U	1	U
1,1-Dichloroethane	75-34-3	500000	14000	340	U	340	U	450	U	2	U	1	U
1,1-Dichloroethene	75-35-4	1000	1400	340	U	340	U	450	U	2	U	1	U
1,2,3-Trichlorobenzene	87-61-6	--	--	340	U	340	U	450	U	2	U	1	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	340	U	340	U	450	U	2	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	340	U	340	U	450	U	2	U	1	U
1,2-Dibromoethane	106-93-4	7	100	340	U	340	U	450	U	2	U	1	U
1,2-Dichlorobenzene	95-50-1	500000	3100	340	U	340	U	450	U	2	U	1	U
1,2-Dichloroethane	107-06-2	6700	200	340	U	340	U	450	U	2	U	1	U
1,2-Dichloropropane	78-87-5	9000	1000	340	U	340	U	450	U	2	U	1	U
1,3-Dichlorobenzene	541-73-1	500000	120000	340	U	340	U	450	U	2	U	1	U
1,4-Dichlorobenzene	106-46-7	26000	15000	340	U	340	U	450	U	2	U	1	U
1,4-Dioxane	123-91-1	--	--	6700	U R	6800	U R	9000	U R				
2-Butanone	78-93-3	500000	80000	670	U	680	U	900	U	9	U	6	U
2-Hexanone	591-78-6	--	--	670	U	680	U	900	U	2	U	1	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	670	U	680	U	900	U	2	U	1	U
Acetone	67-64-1	500000	140000	670	U	680	U	900	U	11	B	8	B
Benzene	71-43-2	21000	200	340	U	340	U	450	U	2	U	1	U
Bromochloromethane	74-97-5	--	--	340	U	340	U	450	U	2	U	1	U
Bromodichloromethane	75-27-4	9900	110	340	U	340	U	450	U	2	U	1	U
Bromoform	75-25-2	78000	800	340	U	340	U	450	U	2	U	1	U
Bromomethane	74-83-9	95000	2000	340	U	340	U	450	U	9	U	6	U
Carbon Disulfide	75-15-0	500000	140000	340	U	340	U	450	U	2	U	1	U
Carbon Tetrachloride	56-23-5	4700	1000	340	U	340	U	450	U	2	U	1	U
Chlorobenzene	108-90-7	500000	20000	340	U	340	U	450	U	2	U	1	U
Chloroethane	75-00-3	--	--	340	U	340	U	450	U	2	U	1	U
Chloroform	67-66-3	100000	1200	340	U	340	U	450	U	2	U	1	U
Chloromethane	74-87-3	47000	540	340	U	340	U	450	U	9	U	6	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000	340	U	340	U	450	U	2	U	1	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	340	U	340	U	450	U	2	U	1	U
Cyclohexane	110-82-7	--	--	340	U	340	U	450	U				
Dibromochloromethane	124-48-1	7300	100	340	U	340	U	450	U	2	U	1	U
Dichlorodifluoromethane	75-71-8	--	--	340	U	340	U	450	U	9	U	6	U
Ethylbenzene	100-41-4	500000	10100	340	U	340	U	450	U	2	U	1	U
Isopropylbenzene	98-82-8	500000	132000	340	U	340	U	450	U	2	U	1	U
M,P-Xylene	179601-23-1	500000	19500	340	U	340	U	450	U	4	U	2	U
Methyl Acetate	79-20-9	--	--	72	J	96	J	85	J				
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	340	U	340	U	450	U	6	B	7	B
Methylcyclohexane	108-87-2	--	--	340	U	340	U	450	U				
Methylene Chloride	75-09-2	82000	1000	340	U	340	U	450	U	2	U	1	U
N-Propylbenzene	103-65-1	500000	14000							2	U	1	U

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.			
			Top Depth	5		5		5		8		8			
			Sample Location	SB164		SB165		SB166		SB32		SB33			
			Sample ID	80018-SB164-0507		80018-SB165-0507		80018-SB166-0507		SB32-8-9~AA26034~~101002		SB33-8-9~AA26033~~101002			
			Risk Zone	E3*		E3*		E3*		E3*		E3*			
			Bottom Depth	7		7		7		9		9			
			Sample Date	10/21/2008		10/21/2008		10/21/2008		10/10/2002		10/10/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
O-Xylene	95-47-6	500000	19500	340	U	340	U	450	U	2	U	1	U		
Styrene	100-42-5	500000	20000	340	U	340	U	450	U	2	U	1	U		
Tetrachloroethene	127-18-4	12000	1000	340	U	340	U	450	U	2	U	1	U		
Toluene	108-88-3	500000	67000	340	U	340	U	450	U	2	U	1	J		
Trans-1,2-Dichloroethene	156-60-5	500000	20000	340	U	340	U	450	U	2	U	1	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	340	U	340	U	450	U	2	U	1	U		
Trichloroethene	79-01-6	56000	1000	340	U	340	U	450	U	2	U	1	U		
Trichlorofluoromethane	75-69-4	500000	260000	340	U	340	U	450	U	2	U	1	U		
Vinyl Chloride	75-01-4	320	400	340	U	340	U	450	U	2	U	1	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.	
			Top Depth	14		16		0		0		0		0	
			Sample Location	SB32		SB33		SS02		SS09		SS108		SS-12	
			Sample ID	SB32-14-15~AA26035~~101002		SB33-16-17~AA26032~~101002		SS-02~AA25773~~100802		SS-09~AA26569~~103102		80018-SS108-0006		APJ53	
			Risk Zone	E3*		E3*		D1*		D1*		D1*		D1*	
			Bottom Depth	15		17		0.25		0.25		0.5		0.5	
			Sample Date	10/10/2002		10/10/2002		10/8/2002		10/31/2002		10/16/2008		4/27/1999	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	190	U	1	U	1	U	1	U	360	U	11	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	190	U	1	U	1	U	1	U	360	U	11	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	190	U	1	U	1	U	1	U	360	U		
1,1,2-Trichloroethane	79-00-5	11000	1000	190	U	1	U	1	U	1	U	360	U	11	U
1,1-Dichloroethane	75-34-3	500000	14000	190	U	1	U	1	U	1	U	360	U	11	U
1,1-Dichloroethene	75-35-4	1000	1400	190	U	1	U	1	U	1	U	360	U	11	U
1,2,3-Trichlorobenzene	87-61-6	--	--	120	JB	1	U	1	U	1	U	360	U		
1,2,4-Trichlorobenzene	120-82-1	680000	14000	110	JB	1	U	1	U	1	U	360	U	380	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	190	U	1	U	1	U	1	U	360	U		
1,2-Dibromoethane	106-93-4	7	100	190	U	1	U	1	U	1	U	360	U		
1,2-Dichlorobenzene	95-50-1	500000	3100	190	U	1	U	1	U	1	U	360	U	380	U
1,2-Dichloroethane	107-06-2	6700	200	190	U	1	U	1	U	1	U	360	U	11	U
1,2-Dichloropropane	78-87-5	9000	1000	190	U	1	U	1	U	1	U	360	U	11	U
1,3-Dichlorobenzene	541-73-1	500000	120000	190	U	1	U	1	U	1	U	360	U	380	U
1,4-Dichlorobenzene	106-46-7	26000	15000	190	U	1	U	1	U	1	U	360	U	380	U
1,4-Dioxane	123-91-1	--	--										R		
2-Butanone	78-93-3	500000	80000	950	U	5	U	5	U	1	U	720	U	11	U
2-Hexanone	591-78-6	--	--	190	U	1	U	1	U	1	U	720	U	11	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	190	U	1	U	1	U	1	U	720	U	11	U
Acetone	67-64-1	500000	140000	1500	JB	7	JB	6	BJ	1	U	720	U	11	U
Benzene	71-43-2	21000	200	190	U	1	U	1	U	1	U	360	U	11	U
Bromochloromethane	74-97-5	--	--	190	U	1	U	1	U	1	U	360	U		
Bromodichloromethane	75-27-4	9900	110	190	U	1	U	1	U	1	U	360	U	11	U
Bromoform	75-25-2	78000	800	190	U	1	U	1	U	1	U	360	U	11	U
Bromomethane	74-83-9	95000	2000	950	U	5	U	5	U	1	U	360	U	11	U
Carbon Disulfide	75-15-0	500000	140000	190	U	1	U	1	U	1	U	360	U	11	U
Carbon Tetrachloride	56-23-5	4700	1000	190	U	1	U	1	U	1	U	360	U	11	U
Chlorobenzene	108-90-7	500000	20000	190	U	1	U	1	U	1	U	360	U	11	U
Chloroethane	75-00-3	--	--	190	U	1	U	1	U	1	U	360	U	11	U
Chloroform	67-66-3	100000	1200	190	U	1	U	1	U	1	U	360	U	11	U
Chloromethane	74-87-3	47000	540	950	U	5	U	1	U	1	U	360	U	11	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000	190	U	1	U	1	U	1	U	360	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	190	U	1	U	1	U	1	U	360	U	11	U
Cyclohexane	110-82-7	--	--									360	U		
Dibromochloromethane	124-48-1	7300	100	190	U	1	U	1	U	1	U	360	U	11	U
Dichlorodifluoromethane	75-71-8	--	--	950	U	5	U	5	U	1	U	360	U		
Ethylbenzene	100-41-4	500000	10100	190	U	1	U	1	U	1	U	360	U	11	U
Isopropylbenzene	98-82-8	500000	132000	190	U	1	U	1	U	1	U	360	U		
M,P-Xylene	179601-23-1	500000	19500	380	U	2	U	2	U	3	U	360	U		
Methyl Acetate	79-20-9	--	--									110	J		
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	190	U	6	B	7	B	9	B	360	U		
Methylcyclohexane	108-87-2	--	--									360	U		
Methylene Chloride	75-09-2	82000	1000	190	U	1	U	1	U	1	U	360	U	13	U
N-Propylbenzene	103-65-1	500000	14000	190	U	1	U	1	U	1	U				

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.	
			Top Depth	14		16		0		0		0		0	
			Sample Location	SB32		SB33		SS02		SS09		SS108		SS-12	
			Sample ID	SB32-14-15~AA26035~~101002		SB33-16-17~AA26032~~101002		SS-02~AA25773~~100802		SS-09~AA26569~~103102		80018-SS108-0006		APJ53	
			Risk Zone	E3*		E3*		D1*		D1*		D1*		D1*	
			Bottom Depth	15		17		0.25		0.25		0.5		0.5	
			Sample Date	10/10/2002		10/10/2002		10/8/2002		10/31/2002		10/16/2008		4/27/1999	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500	190	U	1	U	1	U	1	U	360	U		
Styrene	100-42-5	500000	20000	190	U	1	U	1	U	1	U	360	U	11	U
Tetrachloroethene	127-18-4	12000	1000	190	U	1	U	1	U	1	U	360	U	11	U
Toluene	108-88-3	500000	67000	190	U	1	U	1	U	1	U	360	U	11	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000	190	U	1	U	1	U	1	U	360	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	190	U	1	U	1	U	1	U	360	U	11	U
Trichloroethene	79-01-6	56000	1000	190	U	1	U	1	U	1	U	360	U	11	U
Trichlorofluoromethane	75-69-4	500000	260000	190	U	1	U	1	U	1	U	360	U		
Vinyl Chloride	75-01-4	320	400	190	U	1	U	1	U	1	U	360	U	11	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		27 Newman Ave.	
			Top Depth	0.5		5		4		6		0	
			Sample Location	SS-12		SB110		SB192		SB03		SS01	
			Sample ID	APJ54		80018-SB110-0507		80018-SB192-0410-0311		SB03-6-7~AA26036~~102302		SS-01~AA25774~~100802	
			Risk Zone	D1*		D1*		D1*		D1*		F*	
			Bottom Depth	2		7		9		7		0.25	
			Sample Date	4/27/1999		10/27/2008		3/31/2011		10/23/2002		10/8/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	11	U	410	U	5.5	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	11	U	410	U	5.5	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--			410	U	5.5	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	11000	1000	11	U	410	U	5.5	U	1	U	1	U
1,1-Dichloroethane	75-34-3	500000	14000	11	U	410	U	5.5	U	1	U	1	U
1,1-Dichloroethene	75-35-4	1000	1400	11	U	410	U	5.5	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	--	--			410	U	5.5	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	360	U	410	U	5.5	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--			410	U	5.5	U	1	U	1	U
1,2-Dibromoethane	106-93-4	7	100			410	U	5.5	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	500000	3100	360	U	410	U	5.5	U	1	U	1	U
1,2-Dichloroethane	107-06-2	6700	200	11	U	410	U	5.5	U	1	U	1	U
1,2-Dichloropropane	78-87-5	9000	1000	11	U	410	U	5.5	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	500000	120000	360	U	410	U	5.5	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	26000	15000	360	U	410	U	5.5	U	1	U	1	U
1,4-Dioxane	123-91-1	--	--				R	110	U				
2-Butanone	78-93-3	500000	80000	11	U	810	U	11	U	6	U	6	U
2-Hexanone	591-78-6	--	--	11	U	810	U	11	U	1	U	1	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	11	U	810	U	11	U	1	U	1	U
Acetone	67-64-1	500000	140000	11	U	810	U	18	B	7	B	5	JB
Benzene	71-43-2	21000	200	11	U	410	U	5.5	U	1	U	1	U
Bromochloromethane	74-97-5	--	--			410	U	5.5	U	1	U	1	U
Bromodichloromethane	75-27-4	9900	110	11	U	410	U	5.5	U	1	U	1	U
Bromoform	75-25-2	78000	800	11	U	410	U	5.5	U	1	U	1	U
Bromomethane	74-83-9	95000	2000	11	U	410	U	5.5	U	6	U	6	U
Carbon Disulfide	75-15-0	500000	140000	11	U	410	U	5.5	U	1	U	1	U
Carbon Tetrachloride	56-23-5	4700	1000	11	U	410	U	5.5	U	1	U	1	U
Chlorobenzene	108-90-7	500000	20000	11	U	410	U	5.5	U	1	U	1	U
Chloroethane	75-00-3	--	--	11	U	410	U	5.5	U	1	U	1	U
Chloroform	67-66-3	100000	1200	11	U	410	U	5.5	U	1	U	1	U
Chloromethane	74-87-3	47000	540	11	U	410	U	5.5	U	6	U	6	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000			410	U	5.5	U	1	U	1	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	11	U	410	U	5.5	U	1	U	1	U
Cyclohexane	110-82-7	--	--			410	U	3.3	JB				
Dibromochloromethane	124-48-1	7300	100	11	U	410	U	5.5	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	--	--			410	U	5.5	U	6	U	6	U
Ethylbenzene	100-41-4	500000	10100	11	U	410	U	5.5	U	1	U	1	U
Isopropylbenzene	98-82-8	500000	132000			410	U	5.5	U	1	U	1	U
M,P-Xylene	179601-23-1	500000	19500			410	U	5.5	U	2	U	3	U
Methyl Acetate	79-20-9	--	--			290	J	6.6					
Methyl Tert-Butyl Ether	1634-04-4	500000	20000			410	U	5.5	U	8	B	8	
Methylcyclohexane	108-87-2	--	--			410	U	5.5	U				
Methylene Chloride	75-09-2	82000	1000	11	U	410	U	1.6	JB	1	U	1	U
N-Propylbenzene	103-65-1	500000	14000							1	U	1	U

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		27 Newman Ave.	
			Top Depth	0.5		5		4		6		0	
			Sample Location	SS-12		SB110		SB192		SB03		SS01	
			Sample ID	APJ54		80018-SB110-0507		80018-SB192-0410-0311		SB03-6-7~AA26036~~102302		SS-01~AA25774~~100802	
			Risk Zone	D1*		D1*		D1*		D1*		F*	
			Bottom Depth	2		7		9		7		0.25	
			Sample Date	4/27/1999		10/27/2008		3/31/2011		10/23/2002		10/8/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500			410	U	5.5	U	1	U	1	U
Styrene	100-42-5	500000	20000	11	U	410	U	5.5	U	1	U	1	U
Tetrachloroethene	127-18-4	12000	1000	11	U	410	U	5.5	U	1	U	1	U
Toluene	108-88-3	500000	67000	11	U	410	U	5.5	U	1	U	1	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000			410	U	5.5	U	1	U	1	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	11	U	410	U	5.5	U	1	U	1	U
Trichloroethene	79-01-6	56000	1000	11	U	410	U	5.5	U	1	U	1	U
Trichlorofluoromethane	75-69-4	500000	260000			410	U	5.5	U	1	U	1	U
Vinyl Chloride	75-01-4	320	400	11	U	410	U	5.5	U	1	U	1	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	0		0		0		0		0	
			Sample Location	SS-01		SS-02		SS-03		SS-04		SS08	
			Sample ID	APJ30		APJ32		APJ34		APJ36		SS-08~AA25779~~100802	
			Risk Zone	F*		F*		F*		F*		F*	
			Bottom Depth	0.5		0.5		0.5		0.5		0.25	
			Sample Date	4/27/1999		4/27/1999		4/27/1999		4/27/1999		10/8/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	12	U	11	U	12	U	11	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	12	U	11	U	12	U	11	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--									1	U
1,1,2-Trichloroethane	79-00-5	11000	1000	12	U	11	U	12	U	11	U	1	U
1,1-Dichloroethane	75-34-3	500000	14000	12	U	11	U	12	U	11	U	1	U
1,1-Dichloroethene	75-35-4	1000	1400	12	U	11	U	12	U	11	U	1	U
1,2,3-Trichlorobenzene	87-61-6	--	--									1	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	380	U	380	U	410	U	360	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--									1	U
1,2-Dibromoethane	106-93-4	7	100									1	U
1,2-Dichlorobenzene	95-50-1	500000	3100	380	U	380	U	410	U	360	U	1	U
1,2-Dichloroethane	107-06-2	6700	200	12	U	11	U	12	U	11	U	1	U
1,2-Dichloropropane	78-87-5	9000	1000	12	U	11	U	12	U	11	U	1	U
1,3-Dichlorobenzene	541-73-1	500000	120000	380	U	380	U	410	U	360	U	1	U
1,4-Dichlorobenzene	106-46-7	26000	15000	380	U	380	U	410	U	360	U	1	U
1,4-Dioxane	123-91-1	--	--										
2-Butanone	78-93-3	500000	80000	12	U	11	UJ	12	UJ	11	U	2	J
2-Hexanone	591-78-6	--	--	12	U	11	U	12	U	11	U	1	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	12	U	11	U	12	U	11	U	1	U
Acetone	67-64-1	500000	140000	12	UJ	11	UJ	12	UJ	11	UJ	7	B
Benzene	71-43-2	21000	200	12	U	11	U	12	U	11	U	1	U
Bromochloromethane	74-97-5	--	--									1	U
Bromodichloromethane	75-27-4	9900	110	12	U	11	U	12	U	11	U	1	U
Bromoform	75-25-2	78000	800	12	U	11	U	12	U	11	U	1	U
Bromomethane	74-83-9	95000	2000	12	U	11	U	12	U	11	U	4	U
Carbon Disulfide	75-15-0	500000	140000	12	U	11	U	12	U	11	U	1	U
Carbon Tetrachloride	56-23-5	4700	1000	12	U	11	U	12	U	11	U	1	U
Chlorobenzene	108-90-7	500000	20000	12	U	11	U	12	U	11	U	1	U
Chloroethane	75-00-3	--	--	12	UJ	11	U	12	U	11	UJ	1	U
Chloroform	67-66-3	100000	1200	12	U	11	U	12	U	11	U	1	U
Chloromethane	74-87-3	47000	540	12	U	11	UJ	12	UJ	11	U	4	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000									1	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	12	U	11	U	12	U	11	U	1	U
Cyclohexane	110-82-7	--	--										
Dibromochloromethane	124-48-1	7300	100	12	U	11	U	12	U	11	U	1	U
Dichlorodifluoromethane	75-71-8	--	--									4	U
Ethylbenzene	100-41-4	500000	10100	12	U	11	U	12	U	11	U	1	U
Isopropylbenzene	98-82-8	500000	132000									1	U
M,P-Xylene	179601-23-1	500000	19500									2	U
Methyl Acetate	79-20-9	--	--										
Methyl Tert-Butyl Ether	1634-04-4	500000	20000									6	B
Methylcyclohexane	108-87-2	--	--										
Methylene Chloride	75-09-2	82000	1000	12	U	11	U	12	U	11	U	1	U
N-Propylbenzene	103-65-1	500000	14000									1	U

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.			
			Top Depth	0		0		0		0		0			
			Sample Location	SS-01		SS-02		SS-03		SS-04		SS08			
			Sample ID	APJ30		APJ32		APJ34		APJ36		SS-08~AA25779~~100802			
			Risk Zone	F*		F*		F*		F*		F*			
			Bottom Depth	0.5		0.5		0.5		0.5		0.25			
			Sample Date	4/27/1999		4/27/1999		4/27/1999		4/27/1999		10/8/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
O-Xylene	95-47-6	500000	19500									1	U		
Styrene	100-42-5	500000	20000	12	U	11	U	12	U	11	U	1	U		
Tetrachloroethene	127-18-4	12000	1000	12	U	11	U	12	U	11	U	1	U		
Toluene	108-88-3	500000	67000	12	U	11	U	12	U	11	U	1	U		
Trans-1,2-Dichloroethene	156-60-5	500000	20000									1	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	12	U	11	U	12	U	11	U	1	U		
Trichloroethene	79-01-6	56000	1000	12	U	11	U	12	U	11	U	1	U		
Trichlorofluoromethane	75-69-4	500000	260000									1	U		
Vinyl Chloride	75-01-4	320	400	12	U	11	U	12	U	11	U	1	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	0.5		0.5		0.5		0.5		5		6	
			Sample Location	SS-01		SS-02		SS-03		SS-04		SB02		SB11	
			Sample ID	APJ31		APJ33		APJ35		APJ37		SB02-5-6~AA26031~~102202		SB11-6-7~AA26109~~101402	
			Risk Zone	F*		F*		F*		F*		F*		F*	
			Bottom Depth	2		2		2		2		6		7	
			Sample Date	4/27/1999		4/27/1999		4/27/1999		4/27/1999		10/22/2002		10/14/2002	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	12	U	14	U	11	U	11	U	62	U	90	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	12	U	14	U	11	U	11	U	62	U	90	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--									62	U	90	U
1,1,2-Trichloroethane	79-00-5	11000	1000	12	U	14	U	11	U	11	U	62	U	90	U
1,1-Dichloroethane	75-34-3	500000	14000	12	U	14	U	11	U	11	U	62	U	90	U
1,1-Dichloroethene	75-35-4	1000	1400	12	U	14	U	11	U	11	U	62	U	90	U
1,2,3-Trichlorobenzene	87-61-6	--	--									53	JB	96	B
1,2,4-Trichlorobenzene	120-82-1	680000	14000	390	U	480	U	380	U	360	U	44	JB	90	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--									62	U	90	U
1,2-Dibromoethane	106-93-4	7	100									62	U	90	U
1,2-Dichlorobenzene	95-50-1	500000	3100	390	U	480	U	380	U	360	U	62	U	90	U
1,2-Dichloroethane	107-06-2	6700	200	12	U	14	U	11	U	11	U	62	U	90	U
1,2-Dichloropropane	78-87-5	9000	1000	12	U	14	U	11	U	11	U	62	U	90	U
1,3-Dichlorobenzene	541-73-1	500000	120000	390	U	480	U	380	U	360	U	62	U	90	U
1,4-Dichlorobenzene	106-46-7	26000	15000	390	U	480	U	380	U	360	U	62	U	90	U
1,4-Dioxane	123-91-1	--	--												
2-Butanone	78-93-3	500000	80000	12	UJ	14	UJ	11	U	11	U	310	U	450	U
2-Hexanone	591-78-6	--	--	12	U	14	U	11	U	11	U	62	U	90	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	12	U	14	U	11	U	11	U	62	U	90	U
Acetone	67-64-1	500000	140000	12	UJ	14	UJ	11	UJ	11	UJ	660	JB	170	J
Benzene	71-43-2	21000	200	12	U	14	U	11	U	11	U	62	U	90	U
Bromochloromethane	74-97-5	--	--									62	U	90	U
Bromodichloromethane	75-27-4	9900	110	12	U	14	U	11	U	11	U	62	U	90	U
Bromoform	75-25-2	78000	800	12	U	14	U	11	U	11	U	62	U	90	U
Bromomethane	74-83-9	95000	2000	12	U	14	U	11	U	11	U	310	U	450	U
Carbon Disulfide	75-15-0	500000	140000	12	U	14	U	11	U	11	U	62	U	90	U
Carbon Tetrachloride	56-23-5	4700	1000	12	U	14	U	11	U	11	U	62	U	90	U
Chlorobenzene	108-90-7	500000	20000	12	U	14	U	11	U	11	U	62	U	90	U
Chloroethane	75-00-3	--	--	12	U	14	U	11	UJ	11	UJ	62	U	90	U
Chloroform	67-66-3	100000	1200	12	U	14	U	11	U	11	U	62	U	90	U
Chloromethane	74-87-3	47000	540	12	UJ	14	UJ	11	U	11	U	310	U	450	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000									62	U	90	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	12	U	14	U	11	U	11	U	62	U	90	U
Cyclohexane	110-82-7	--	--												
Dibromochloromethane	124-48-1	7300	100	12	U	14	U	11	U	11	U	62	U	90	U
Dichlorodifluoromethane	75-71-8	--	--									310	U	450	U
Ethylbenzene	100-41-4	500000	10100	12	U	14	U	11	U	11	U	62	U	90	U
Isopropylbenzene	98-82-8	500000	132000									62	U	90	U
M,P-Xylene	179601-23-1	500000	19500									120	U	180	U
Methyl Acetate	79-20-9	--	--												
Methyl Tert-Butyl Ether	1634-04-4	500000	20000									62	U	90	U
Methylcyclohexane	108-87-2	--	--												
Methylene Chloride	75-09-2	82000	1000	12	U	14	U	11	U	11	U	62	U	90	U
N-Propylbenzene	103-65-1	500000	14000									62	U	90	U

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	0.5		0.5		0.5		0.5		5		6	
			Sample Location	SS-01		SS-02		SS-03		SS-04		SB02		SB11	
			Sample ID	APJ31		APJ33		APJ35		APJ37		SB02-5-6~AA26031~~102202		SB11-6-7~AA26109~~101402	
			Risk Zone	F*		F*		F*		F*		F*		F*	
			Bottom Depth	2		2		2		2		6		7	
			Sample Date	4/27/1999		4/27/1999		4/27/1999		4/27/1999		10/22/2002		10/14/2002	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500									62	U	90	U
Styrene	100-42-5	500000	20000	12	U	14	U	11	U	11	U	62	U	90	U
Tetrachloroethene	127-18-4	12000	1000	12	U	2	J	11	U	11	U	62	U	90	U
Toluene	108-88-3	500000	67000	12	U	2	J	11	U	11	U	62	U	90	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000									62	U	90	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	12	U	14	U	11	U	11	U	62	U	90	U
Trichloroethene	79-01-6	56000	1000	12	U	2	J	11	U	11	U	62	U	90	U
Trichlorofluoromethane	75-69-4	500000	260000									62	U	90	U
Vinyl Chloride	75-01-4	320	400	12	U	14	U	11	U	11	U	62	U	90	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	8		4		9		9		12		12.5	
			Sample Location	MW6D		SB207		SB140		SB141		SB01		MW6D	
			Sample ID	S-052504-JR-167		80018-SB207-0410-0311		80018-SB140-0911		80018-SB141-0911		SB01-12-13~AA26025~~101002		S-052504-JR-168	
			Risk Zone	F		F*		F*		F*		F*		F	
			Bottom Depth	8		9		11		11		13		12.5	
			Sample Date	5/25/2004		3/30/2011		10/30/2008		10/30/2008		10/10/2002		5/25/2004	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	6	U	6.7	U	300	U	520	U	180	U		R
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	6	U	6.7	U	300	U	520	U	180	U		R
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	6	U	6.7	U	300	U	520	U	180	U		R
1,1,2-Trichloroethane	79-00-5	11000	1000	6	U	6.7	U	300	U	520	U	180	U		R
1,1-Dichloroethane	75-34-3	500000	14000	6	U	6.7	U	300	U	520	U	180	U		R
1,1-Dichloroethene	75-35-4	1000	1400	6	U	6.7	U	300	U	520	U	180	U		R
1,2,3-Trichlorobenzene	87-61-6	--	--			6.7	U	300	U	520	U	150	JB		
1,2,4-Trichlorobenzene	120-82-1	680000	14000	6	UJ	6.7	U	300	U	520	U	160	JB		R
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	6	UJ	6.7	U	300	U	520	U	180	U		R
1,2-Dibromoethane	106-93-4	7	100	6	U	6.7	U	300	U	520	U	180	U		R
1,2-Dichlorobenzene	95-50-1	500000	3100	6	U	6.7	U	300	U	520	U	180	U		R
1,2-Dichloroethane	107-06-2	6700	200	6	U	6.7	U	300	U	520	U	180	U		R
1,2-Dichloropropane	78-87-5	9000	1000	6	U	6.7	U	300	U	520	U	180	U		R
1,3-Dichlorobenzene	541-73-1	500000	120000	6	U	6.7	U	300	U	520	U	180	U		R
1,4-Dichlorobenzene	106-46-7	26000	15000	6	U	6.7	U	300	U	520	U	180	U		R
1,4-Dioxane	123-91-1	--	--			130	U	5900	U	10000	U				
2-Butanone	78-93-3	500000	80000	5	J	34		590	U	1000	U	700	J		R
2-Hexanone	591-78-6	--	--	11	UJ	13	U	590	U	1000	U	180	U		R
4-Methyl-2-Pentanone	108-10-1	500000	14000	11	UJ	13	U	590	U	1000	U	180	U		R
Acetone	67-64-1	500000	140000	19	JEB	140	B	590	U	1000	U	2200	BJ	26	JEB
Benzene	71-43-2	21000	200	6	U	6.7	U	300	U	520	U	180	U		R
Bromochloromethane	74-97-5	--	--			6.7	U	300	U	520	U	180	U		
Bromodichloromethane	75-27-4	9900	110	6	U	6.7	U	300	U	520	U	180	U		R
Bromoform	75-25-2	78000	800	6	UJ	6.7	U	300	U	520	U	180	U		R
Bromomethane	74-83-9	95000	2000	6	UJ	6.7	U	300	U	520	U	880	U		R
Carbon Disulfide	75-15-0	500000	140000	6	U	6.7	U	300	U	520	U	180	U		R
Carbon Tetrachloride	56-23-5	4700	1000	6	U	6.7	U	300	U	520	U	180	U		R
Chlorobenzene	108-90-7	500000	20000	6	U	6.7	U	300	U	520	U	180	U		R
Chloroethane	75-00-3	--	--	6	UJ	6.7	U	300	U	520	U	180	U		R
Chloroform	67-66-3	100000	1200	6	U	6.7	U	300	U	520	U	180	U		R
Chloromethane	74-87-3	47000	540	6	U	6.7	U	300	U	520	U	880	U		R
Cis-1,2-Dichloroethene	156-59-2	500000	14000	6	U	6.7	U	300	U	520	U	180	U		R
Cis-1,3-Dichloropropene	10061-01-5	--	--	6	UJ	6.7	U	300	U	520	U	180	U		R
Cyclohexane	110-82-7	--	--			6.7	U	300	U	520	U				
Dibromochloromethane	124-48-1	7300	100	6	UJ	6.7	U	300	U	520	U	180	U		R
Dichlorodifluoromethane	75-71-8	--	--	6	U	6.7	U	300	U	520	U	880	U	6	J
Ethylbenzene	100-41-4	500000	10100	6	U	6.7	U	300	U	520	U	180	U		R
Isopropylbenzene	98-82-8	500000	132000	6	U	6.7	U	300	U	520	U	180	U		R
M,P-Xylene	179601-23-1	500000	19500			6.7	U	300	U	520	U	2	U		
Methyl Acetate	79-20-9	--	--			6.7	U	350		520	U				
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	6	U	6.7	U	300	U	520	U	180	U		R
Methylcyclohexane	108-87-2	--	--			6.7	U	300	U	520	U				
Methylene Chloride	75-09-2	82000	1000	6	U	1.4	JB	300	U	520	U	180	U		R
N-Propylbenzene	103-65-1	500000	14000									180	U		

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	8		4		9		9		12		12.5	
			Sample Location	MW6D		SB207		SB140		SB141		SB01		MW6D	
			Sample ID	S-052504-JR-167		80018-SB207-0410-0311		80018-SB140-0911		80018-SB141-0911		SB01-12-13~AA26025~~101002		S-052504-JR-168	
			Risk Zone	F		F*		F*		F*		F*		F	
			Bottom Depth	8		9		11		11		13		12.5	
			Sample Date	5/25/2004		3/30/2011		10/30/2008		10/30/2008		10/10/2002		5/25/2004	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500			6.7	U	300	U	520	U	180	U		
Styrene	100-42-5	500000	20000	6	U	6.7	U	300	U	520	U	180	U		R
Tetrachloroethene	127-18-4	12000	1000	6	U	6.7	U	300	U	520	U	180	U		R
Toluene	108-88-3	500000	67000	6	U	6.7	U	300	U	520	U	180	U		R
Trans-1,2-Dichloroethene	156-60-5	500000	20000	6	U	6.7	U	300	U	520	U	180	U		R
Trans-1,3-Dichloropropene	10061-02-6	--	--	6	U	6.7	U	300	U	520	U	180	U		R
Trichloroethene	79-01-6	56000	1000	6	U	6.7	U	300	U	520	U	180	U		R
Trichlorofluoromethane	75-69-4	500000	260000	6	U	6.7	U	300	U	520	U	180	U		R
Vinyl Chloride	75-01-4	320	400	6	U	6.7	U	300	U	520	U	180	U	140	J

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		281 Meriden Rd.		281 Meriden Rd.		281 Meriden Rd.			
			Top Depth	12.5		15		18		0		5		4			
			Sample Location	MW6D		SB11		SB02		SS114		SB122		SB199			
			Sample ID	S-052504-JR-169		SB11-15-16~AA26110~~101402		SB02-18-19~AA26030~~101102		80018-SS114-0002		80018-SB122-0507		80018-SB199-0410-0311			
			Risk Zone	F		F*		F*		D3*		D3*		D3*			
			Bottom Depth	12.5		16		19		2		7		9			
			Sample Date	5/25/2004		10/14/2002		10/11/2002		10/23/2008		10/22/2008		3/28/2011			
			Sample Type	FD		N		N		N		N		N			
			Field Duplicate Parent	S-052504-JR-168													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	500000	40000	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
1,1,2,2-Tetrachloroethane	79-34-5	3100	100		R	1	U	1	U	300	U	490	U	9.6	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
1,1,2-Trichloroethane	79-00-5	11000	1000	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
1,1-Dichloroethane	75-34-3	500000	14000	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
1,1-Dichloroethene	75-35-4	1000	1400	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
1,2,3-Trichlorobenzene	87-61-6	--	--			1	U	1	U	300	U	490	U	9.6	U		
1,2,4-Trichlorobenzene	120-82-1	680000	14000		R	1	U	1	U	300	U	490	U	9.6	U		
1,2-Dibromo-3-Chloropropane	96-12-8	440	--		R	1	U	1	U	300	U	490	U	9.6	U		
1,2-Dibromoethane	106-93-4	7	100		R	1	U	1	U	300	U	490	U	9.6	U		
1,2-Dichlorobenzene	95-50-1	500000	3100		R	1	U	1	U	300	U	490	U	9.6	U		
1,2-Dichloroethane	107-06-2	6700	200	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
1,2-Dichloropropane	78-87-5	9000	1000	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
1,3-Dichlorobenzene	541-73-1	500000	120000		R	1	U	1	U	300	U	490	U	9.6	U		
1,4-Dichlorobenzene	106-46-7	26000	15000		R	1	U	1	U	300	U	490	U	9.6	U		
1,4-Dioxane	123-91-1	--	--								R		R	190	U		
2-Butanone	78-93-3	500000	80000	14	UJ	5	U	6	U	600	U	980	U	19	U		
2-Hexanone	591-78-6	--	--		R	1	U	1	U	600	U	980	U	19	U		
4-Methyl-2-Pentanone	108-10-1	500000	14000		R	1	U	1	U	600	U	980	U	19	U		
Acetone	67-64-1	500000	140000	22	JEB	8	JB	23		600	U	980	U	19	U		
Benzene	71-43-2	21000	200	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Bromochloromethane	74-97-5	--	--			1	U	1	U	300	U	490	U	9.6	U		
Bromodichloromethane	75-27-4	9900	110	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Bromoform	75-25-2	78000	800		R	1	U	1	U	300	U	490	U	9.6	U		
Bromomethane	74-83-9	95000	2000	7	UJ	5	U	6	U	300	UJ	490	UJ	9.6	U		
Carbon Disulfide	75-15-0	500000	140000	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Carbon Tetrachloride	56-23-5	4700	1000	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Chlorobenzene	108-90-7	500000	20000		R	1	U	1	U	300	U	490	U	9.6	U		
Chloroethane	75-00-3	--	--	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Chloroform	67-66-3	100000	1200	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Chloromethane	74-87-3	47000	540	7	UJ	5	U	6	U	300	U	490	U	9.6	U		
Cis-1,2-Dichloroethene	156-59-2	500000	14000	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Cyclohexane	110-82-7	--	--							300	U	490	U	9.6	U		
Dibromochloromethane	124-48-1	7300	100		R	1	U	1	U	300	U	490	U	9.6	U		
Dichlorodifluoromethane	75-71-8	--	--	7	UJ	5	U	6	U	300	U	490	U	9.6	U		
Ethylbenzene	100-41-4	500000	10100		R	1	U	1	U	300	U	490	U	9.6	U		
Isopropylbenzene	98-82-8	500000	132000		R	1	U	1	U	300	U	490	U	9.6	U		
M,P-Xylene	179601-23-1	500000	19500			2	U	2	U	300	U	490	U	9.6	U		
Methyl Acetate	79-20-9	--	--							300	U	490	U	9.6	U		
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	7	UJ	6		4	B	300	U	490	U	9.6	U		
Methylcyclohexane	108-87-2	--	--							300	U	490	U	9.6	U		
Methylene Chloride	75-09-2	82000	1000	7	UJ	1	U	1	U	300	U	490	U	4.4	JB		
N-Propylbenzene	103-65-1	500000	14000			1	U	1	U								

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		281 Meriden Rd.		281 Meriden Rd.		281 Meriden Rd.			
			Top Depth	12.5		15		18		0		5		4			
			Sample Location	MW6D		SB11		SB02		SS114		SB122		SB199			
			Sample ID	S-052504-JR-169		SB11-15-16~AA26110~~101402		SB02-18-19~AA26030~~101102		80018-SS114-0002		80018-SB122-0507		80018-SB199-0410-0311			
			Risk Zone	F		F*		F*		D3*		D3*		D3*			
			Bottom Depth	12.5		16		19		2		7		9			
			Sample Date	5/25/2004		10/14/2002		10/11/2002		10/23/2008		10/22/2008		3/28/2011			
			Sample Type	FD		N		N		N		N		N			
			Field Duplicate Parent	S-052504-JR-168													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
O-Xylene	95-47-6	500000	19500			1	U	1	U	300	U	490	U	9.6	U		
Styrene	100-42-5	500000	20000		R	1	U	1	U	300	U	490	U	9.6	U		
Tetrachloroethene	127-18-4	12000	1000		R	1	U	1	U	300	U	490	U	9.6	U		
Toluene	108-88-3	500000	67000		R	1	U	1	U	300	U	490	U	9.6	U		
Trans-1,2-Dichloroethene	156-60-5	500000	20000	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Trichloroethene	79-01-6	56000	1000	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Trichlorofluoromethane	75-69-4	500000	260000	7	UJ	1	U	1	U	300	U	490	U	9.6	U		
Vinyl Chloride	75-01-4	320	400	63	J	1	U	1	U	300	U	490	U	9.6	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dur
			Top Depth	0		0		0.5		6		9		4				1
			Sample Location	SS109		SS-13		SS-13		SB04		SB111		SB191				SE
			Sample ID	80018-SS109-0006		APJ55		APJ56		SB04-6-7~AA26038~~103102		80018-SB111-0911		80018-SB191-0410-0311				SB04-10-11~AA
			Risk Zone	D1*		D1*		D1*		D1*		D1*		D1*				D
			Bottom Depth	0.5		0.5		2		7		11		9				1
			Sample Date	10/16/2008		4/26/1999		4/26/1999		10/31/2002		10/31/2008		3/31/2011				10/24
			Sample Type	N		N		N		N		N		N				N
			Field Duplicate Parent															
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg				ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
1,1,1-Trichloroethane	71-55-6	500000	40000	310	U	11	U	13	U	1	U	380	U	5.4	U			180
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	310	U	11	U	13	U	1	U	380	U	5.4	U			180
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	310	U					1	U	380	U	5.4	U			180
1,1,2-Trichloroethane	79-00-5	11000	1000	310	U	11	U	13	U	1	U	380	U	5.4	U			180
1,1-Dichloroethane	75-34-3	500000	14000	310	U	11	U	13	U	1	U	380	U	5.4	U			180
1,1-Dichloroethene	75-35-4	1000	1400	310	U	11	U	13	U	1	U	380	U	5.4	U			180
1,2,3-Trichlorobenzene	87-61-6	--	--	310	U					1	U	380	U	5.4	U			180
1,2,4-Trichlorobenzene	120-82-1	680000	14000	310	U	380	U	420	U	1	U	380	U	5.4	U			180
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	310	U					1	U	380	U	5.4	U			180
1,2-Dibromoethane	106-93-4	7	100	310	U					1	U	380	U	5.4	U			180
1,2-Dichlorobenzene	95-50-1	500000	3100	310	U	380	U	420	U	1	U	380	U	5.4	U			180
1,2-Dichloroethane	107-06-2	6700	200	310	U	11	U	13	U	1	U	380	U	5.4	U			180
1,2-Dichloropropane	78-87-5	9000	1000	310	U	11	U	13	U	1	U	380	U	5.4	U			180
1,3-Dichlorobenzene	541-73-1	500000	120000	310	U	380	U	420	U	1	U	380	U	5.4	U			180
1,4-Dichlorobenzene	106-46-7	26000	15000	310	U	380	U	420	U	1	U	380	U	5.4	U			180
1,4-Dioxane	123-91-1	--	--		R								R	110	U			
2-Butanone	78-93-3	500000	80000	620	U	11	U	13	U	7		760	U	7	J			900
2-Hexanone	591-78-6	--	--	620	U	11	U	13	U	1	U	760	U	11	U			180
4-Methyl-2-Pentanone	108-10-1	500000	14000	620	U	11	U	13	U	1	U	760	U	11	U			180
Acetone	67-64-1	500000	140000	620	U	11	U	13	U	34		760	U	26	B			1200
Benzene	71-43-2	21000	200	310	U	11	U	13	U	1	U	380	U	5.4	U			180
Bromochloromethane	74-97-5	--	--	310	U					1	U	380	U	5.4	U			180
Bromodichloromethane	75-27-4	9900	110	310	U	11	U	13	U	1	U	380	U	5.4	U			180
Bromoform	75-25-2	78000	800	310	U	11	U	13	U	1	U	380	U	5.4	U			180
Bromomethane	74-83-9	95000	2000	310	U	11	U	13	U	6	U	380	U	5.4	U			900
Carbon Disulfide	75-15-0	500000	140000	310	U	11	U	13	U	1	U	380	U	5.4	U			180
Carbon Tetrachloride	56-23-5	4700	1000	310	U	11	U	13	U	1	U	380	U	5.4	U			180
Chlorobenzene	108-90-7	500000	20000	310	U	11	U	13	U	1	U	380	U	5.4	U			180
Chloroethane	75-00-3	--	--	310	U	11	U	13	U	1	U	380	U	5.4	U			180
Chloroform	67-66-3	100000	1200	310	U	11	U	13	U	1	U	380	U	5.4	U			180
Chloromethane	74-87-3	47000	540	310	U	11	U	13	U	6	U	380	U	5.4	U			900
Cis-1,2-Dichloroethene	156-59-2	500000	14000	310	U					1	U	380	U	1	J			180
Cis-1,3-Dichloropropene	10061-01-5	--	--	310	U	11	U	13	U	1	U	380	U	5.4	U			180
Cyclohexane	110-82-7	--	--	310	U							380	U	2.4	JB			
Dibromochloromethane	124-48-1	7300	100	310	U	11	U	13	U	1	U	380	U	5.4	U			180
Dichlorodifluoromethane	75-71-8	--	--	310	U					6	U	380	U	5.4	U			180
Ethylbenzene	100-41-4	500000	10100	310	U	11	U	13	U	1	U	380	U	5.4	U			900
Isopropylbenzene	98-82-8	500000	132000	310	U					1	U	380	U	5.4	U			180
M,P-Xylene	179601-23-1	500000	19500	310	U					2	U	380	U	5.4	U			180
Methyl Acetate	79-20-9	--	--	310	U							280	J	5.4	U			
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	310	U					7	B	380	U	5.4	U			180
Methylcyclohexane	108-87-2	--	--	310	U							380	U	5.4	U			
Methylene Chloride	75-09-2	82000	1000	310	U	11	U	13	U	1	U	380	U	5.4	U			360
N-Propylbenzene	103-65-1	500000	14000							1	U							180

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dur
			Top Depth	0		0		0.5		6		9		4		1		
			Sample Location	SS109		SS-13		SS-13		SB04		SB111		SB191		SE		
			Sample ID	80018-SS109-0006		APJ55		APJ56		SB04-6-7~AA26038~~103102		80018-SB111-0911		80018-SB191-0410-0311		SB04-10-11~AA		
			Risk Zone	D1*		D1*		D1*		D1*		D1*		D1*		D		
			Bottom Depth	0.5		0.5		2		7		11		9		1		
			Sample Date	10/16/2008		4/26/1999		4/26/1999		10/31/2002		10/31/2008		3/31/2011		10/24		
			Sample Type	N		N		N		N		N		N		N		
			Field Duplicate Parent															
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
O-Xylene	95-47-6	500000	19500	310	U					1	U	380	U	5.4	U	100		
Styrene	100-42-5	500000	20000	310	U	11	U	13	U	1	U	380	U	5.4	U	180		
Tetrachloroethene	127-18-4	12000	1000	390		11	U	13	U	1	U	380	U	5.4	U	180		
Toluene	108-88-3	500000	67000	310	U	11	U	13	U	1	U	380	U	5.4	U	900		
Trans-1,2-Dichloroethene	156-60-5	500000	20000	310	U					1	U	380	U	5.4	U	180		
Trans-1,3-Dichloropropene	10061-02-6	--	--	310	U	11	U	13	U	1	U	380	U	5.4	U	180		
Trichloroethene	79-01-6	56000	1000	310	U	11	U	13	U	1	U	380	U	5.4	U	180		
Trichlorofluoromethane	75-69-4	500000	260000	310	U					1	U	380	U	5.4	U	180		
Vinyl Chloride	75-01-4	320	400	310	U	11	U	13	U	1	U	380	U	6.3		180		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	ıbar St.	5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		
			Top Depth	0	0		0		0.5		0.5		
			Sample Location	ı04	SS-10		SS-11		SS-10		SS-11		
			Sample ID	26037~~102402	APJ49		APJ51		APJ50		APJ52		
			Risk Zone	1*	D1*		D1*		D1*		D1*		
			Bottom Depth	1	0.5		0.5		2		2		
			Sample Date	/2002	4/27/1999		4/27/1999		4/27/1999		4/27/1999		
			Sample Type	√	N		N		N		N		
			Field Duplicate Parent										
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
1,1,1-Trichloroethane	71-55-6	500000	40000	U	11	U	11	U	11	U	11	U	
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	U	11	U	11	U	11	U	11	U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	U									
1,1,2-Trichloroethane	79-00-5	11000	1000	U	11	U	11	U	11	U	11	U	
1,1-Dichloroethane	75-34-3	500000	14000	U	11	U	11	U	11	U	11	U	
1,1-Dichloroethene	75-35-4	1000	1400	U	11	U	11	U	11	U	11	U	
1,2,3-Trichlorobenzene	87-61-6	--	--	U									
1,2,4-Trichlorobenzene	120-82-1	680000	14000	U	360	U	370	U	350	U	370	U	
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	U									
1,2-Dibromoethane	106-93-4	7	100	U									
1,2-Dichlorobenzene	95-50-1	500000	3100	U	360	U	370	U	350	U	370	U	
1,2-Dichloroethane	107-06-2	6700	200	U	11	U	11	U	11	U	11	U	
1,2-Dichloropropane	78-87-5	9000	1000	U	11	U	11	U	11	U	11	U	
1,3-Dichlorobenzene	541-73-1	500000	120000	U	360	U	370	U	350	U	370	U	
1,4-Dichlorobenzene	106-46-7	26000	15000	U	360	U	370	U	350	U	370	U	
1,4-Dioxane	123-91-1	--	--										
2-Butanone	78-93-3	500000	80000	U	11	UJ	11	U	11	U	11	U	
2-Hexanone	591-78-6	--	--	U	11	U	11	U	11	U	11	U	
4-Methyl-2-Pentanone	108-10-1	500000	14000	U	11	U	11	U	11	U	11	U	
Acetone	67-64-1	500000	140000	JB	11	UJ	11	U	11	U	11	U	
Benzene	71-43-2	21000	200	U	11	U	11	U	11	U	11	U	
Bromochloromethane	74-97-5	--	--	U									
Bromodichloromethane	75-27-4	9900	110	U	11	U	11	U	11	U	11	U	
Bromoform	75-25-2	78000	800	U	11	U	11	U	11	U	11	U	
Bromomethane	74-83-9	95000	2000	U	11	U	11	U	11	U	11	U	
Carbon Disulfide	75-15-0	500000	140000	U	11	U	11	U	11	U	11	U	
Carbon Tetrachloride	56-23-5	4700	1000	U	11	U	11	U	11	U	11	U	
Chlorobenzene	108-90-7	500000	20000	U	11	U	11	U	11	U	11	U	
Chloroethane	75-00-3	--	--	U	11	U	11	U	11	U	11	U	
Chloroform	67-66-3	100000	1200	U	11	U	11	U	11	U	11	U	
Chloromethane	74-87-3	47000	540	U	11	UJ	11	U	11	U	11	U	
Cis-1,2-Dichloroethene	156-59-2	500000	14000	U									
Cis-1,3-Dichloropropene	10061-01-5	--	--	U	11	U	11	U	11	U	11	U	
Cyclohexane	110-82-7	--	--										
Dibromochloromethane	124-48-1	7300	100	U	11	U	11	U	11	U	11	U	
Dichlorodifluoromethane	75-71-8	--	--	U									
Ethylbenzene	100-41-4	500000	10100	U	11	U	11	U	11	U	11	U	
Isopropylbenzene	98-82-8	500000	132000	U									
M,P-Xylene	179601-23-1	500000	19500	U									
Methyl Acetate	79-20-9	--	--										
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	U									
Methylcyclohexane	108-87-2	--	--										
Methylene Chloride	75-09-2	82000	1000	U	11	U	24	U	24	U	12	U	
N-Propylbenzene	103-65-1	500000	14000	U									

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	ıbar St.	5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.	
			Top Depth	0	0		0		0.5		0.5	
			Sample Location	ı04	SS-10		SS-11		SS-10		SS-11	
			Sample ID	26037~~102402	APJ49		APJ51		APJ50		APJ52	
			Risk Zone	1*	D1*		D1*		D1*		D1*	
			Bottom Depth	1	0.5		0.5		2		2	
			Sample Date	/2002	4/27/1999		4/27/1999		4/27/1999		4/27/1999	
			Sample Type	৲	N		N		N		N	
			Field Duplicate Parent									
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500									
Styrene	100-42-5	500000	20000	U	11	U	11	U	11	U	11	U
Tetrachloroethene	127-18-4	12000	1000	U	11	U	11	U	11	U	11	U
Toluene	108-88-3	500000	67000	U	11	U	11	U	11	U	11	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000	U								
Trans-1,3-Dichloropropene	10061-02-6	--	--	U	11	U	11	U	11	U	11	U
Trichloroethene	79-01-6	56000	1000	U	11	U	11	U	11	U	11	U
Trichlorofluoromethane	75-69-4	500000	260000	U								
Vinyl Chloride	75-01-4	320	400	U	11	U	11	U	11	U	11	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	5 Dunbar St.		5 Dunbar St.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	5		5		0		0		0		0		0	
			Sample Location	SB107		SB108		SS-05		SS-06		SS-07		SS-08		SS-09	
			Sample ID	80018-SB107-0507		80018-SB108-0507		APJ38		APJ40		APJ42		APJ44		APJ46	
			Risk Zone	D1*		D1*		F*		F*		F*		F*		F*	
			Bottom Depth	7		7		0.5		0.5		0.5		0.5		0.5	
			Sample Date	10/30/2008		10/24/2008		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	390	U	270	U	11	U	11	U	12	U	12	U	12	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	390	U	270	U	11	U	11	U	12	U	12	U	12	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	390	U	270	U										
1,1,2-Trichloroethane	79-00-5	11000	1000	390	U	270	U	11	U	11	U	12	U	12	U	12	U
1,1-Dichloroethane	75-34-3	500000	14000	390	U	270	U	11	U	11	U	12	U	12	U	12	U
1,1-Dichloroethene	75-35-4	1000	1400	390	U	270	U	11	U	11	U	12	U	12	U	12	U
1,2,3-Trichlorobenzene	87-61-6	--	--	390	U	270	U										
1,2,4-Trichlorobenzene	120-82-1	680000	14000	390	U	270	U	380	U	370	U	390	U	400	U	410	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	390	U	270	U										
1,2-Dibromoethane	106-93-4	7	100	390	U	270	U										
1,2-Dichlorobenzene	95-50-1	500000	3100	390	U	270	U	380	U	370	U	390	U	400	U	410	U
1,2-Dichloroethane	107-06-2	6700	200	390	U	270	U	11	U	11	U	12	U	12	U	12	U
1,2-Dichloropropane	78-87-5	9000	1000	390	U	270	U	11	U	11	U	12	U	12	U	12	U
1,3-Dichlorobenzene	541-73-1	500000	120000	390	U	270	U	380	U	370	U	390	U	400	U	410	U
1,4-Dichlorobenzene	106-46-7	26000	15000	390	U	270	U	380	U	370	U	390	U	400	U	410	U
1,4-Dioxane	123-91-1	--	--	7900	U		R										
2-Butanone	78-93-3	500000	80000	790	U	540	U	11	U	11	UJ	12	UJ	12	U	12	UJ
2-Hexanone	591-78-6	--	--	790	U	540	U	11	U	11	U	12	U	12	U	12	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	790	U	540	U	11	U	11	U	12	U	12	U	12	U
Acetone	67-64-1	500000	140000	790	U	540	U	11	UJ	11	UJ	12	UJ	12	UJ	12	UJ
Benzene	71-43-2	21000	200	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Bromochloromethane	74-97-5	--	--	390	U	270	U										
Bromodichloromethane	75-27-4	9900	110	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Bromoform	75-25-2	78000	800	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Bromomethane	74-83-9	95000	2000	390	U	270	UJ	11	U	11	U	12	U	12	U	12	U
Carbon Disulfide	75-15-0	500000	140000	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Carbon Tetrachloride	56-23-5	4700	1000	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Chlorobenzene	108-90-7	500000	20000	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Chloroethane	75-00-3	--	--	390	U	270	U	11	UJ	11	U	12	U	12	UJ	12	U
Chloroform	67-66-3	100000	1200	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Chloromethane	74-87-3	47000	540	390	U	270	U	11	U	11	UJ	12	UJ	12	U	12	UJ
Cis-1,2-Dichloroethene	156-59-2	500000	14000	390	U	270	U										
Cis-1,3-Dichloropropene	10061-01-5	--	--	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Cyclohexane	110-82-7	--	--	390	U	270	U										
Dibromochloromethane	124-48-1	7300	100	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Dichlorodifluoromethane	75-71-8	--	--	390	U	270	U										
Ethylbenzene	100-41-4	500000	10100	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Isopropylbenzene	98-82-8	500000	132000	390	U	270	U										
M,P-Xylene	179601-23-1	500000	19500	390	U	270	U										
Methyl Acetate	79-20-9	--	--	390	U	270	U										
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	390	U	270	U										
Methylcyclohexane	108-87-2	--	--	390	U	270	U										
Methylene Chloride	75-09-2	82000	1000	390	U	270	U	11	U	11	U	12	U	12	U	12	U
N-Propylbenzene	103-65-1	500000	14000														

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	5 Dunbar St.		5 Dunbar St.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	5		5		0		0		0		0		0	
			Sample Location	SB107		SB108		SS-05		SS-06		SS-07		SS-08		SS-09	
			Sample ID	80018-SB107-0507		80018-SB108-0507		APJ38		APJ40		APJ42		APJ44		APJ46	
			Risk Zone	D1*		D1*		F*		F*		F*		F*		F*	
			Bottom Depth	7		7		0.5		0.5		0.5		0.5		0.5	
			Sample Date	10/30/2008		10/24/2008		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500	390	U	270	U										
Styrene	100-42-5	500000	20000	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Tetrachloroethene	127-18-4	12000	1000	75	J	270	U	11	U	11	U	12	U	12	U	12	U
Toluene	108-88-3	500000	67000	390	U	270	U	11	U	11	U	1	J	12	U	12	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000	390	U	270	U										
Trans-1,3-Dichloropropene	10061-02-6	--	--	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Trichloroethene	79-01-6	56000	1000	390	U	270	U	11	U	11	U	12	U	12	U	12	U
Trichlorofluoromethane	75-69-4	500000	260000	390	U	270	U										
Vinyl Chloride	75-01-4	320	400	390	U	270	U	11	U	11	U	12	U	12	U	12	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	0		0		0.5		0.5		0.5		0.5		0.5	
			Sample Location	SS14		SS17		SS-05		SS-06		SS-07		SS-08		SS-09	
			Sample ID	SS-014~AA25776~~100802		SS-017~AA26571~~103102		APJ39		APJ41		APJ43		APJ45		APJ47	
			Risk Zone	F*		F*		F*		F*		F*		F*		F*	
			Bottom Depth	0.25		0.25		2		2		2		2		2	
			Sample Date	10/8/2002		10/31/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	500000	40000	1	U	1	U	13	U	12	U	12	U	12	U	12	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	1	U	1	U	13	U	12	U	12	UJ	12	U	12	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	1	U										
1,1,2-Trichloroethane	79-00-5	11000	1000	1	U	1	U	13	U	12	U	12	U	12	U	12	U
1,1-Dichloroethane	75-34-3	500000	14000	1	U	1	U	13	U	12	U	12	U	12	U	12	U
1,1-Dichloroethene	75-35-4	1000	1400	1	U	1	U	13	U	12	U	12	U	12	U	12	U
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U	1	U										
1,2,4-Trichlorobenzene	120-82-1	680000	14000	1	U	1	U	850	U	780	U	800	U	390	U	390	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	1	U	1	U										
1,2-Dibromoethane	106-93-4	7	100	1	U	1	U										
1,2-Dichlorobenzene	95-50-1	500000	3100	1	U	1	U	850	U	780	U	800	U	390	U	390	U
1,2-Dichloroethane	107-06-2	6700	200	1	U	1	U	13	U	12	U	12	U	12	U	12	U
1,2-Dichloropropane	78-87-5	9000	1000	1	U	1	U	13	U	12	U	12	U	12	U	12	U
1,3-Dichlorobenzene	541-73-1	500000	120000	1	U	1	U	850	U	780	U	800	U	390	U	390	U
1,4-Dichlorobenzene	106-46-7	26000	15000	1	U	1	U	850	U	780	U	800	U	390	U	390	U
1,4-Dioxane	123-91-1	--	--														
2-Butanone	78-93-3	500000	80000	6	U	3		13	UJ	12	UJ	12	U	12	U	12	UJ
2-Hexanone	591-78-6	--	--	1	U	1	U	13	U	12	U	12	UJ	12	U	12	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	1	U	1	U	13	U	12	U	4	J	12	U	12	U
Acetone	67-64-1	500000	140000	2	JB	7	J	13	UJ	12	UJ	12	U	41	U	12	UJ
Benzene	71-43-2	21000	200	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Bromochloromethane	74-97-5	--	--	1	U	1	U										
Bromodichloromethane	75-27-4	9900	110	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Bromoform	75-25-2	78000	800	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Bromomethane	74-83-9	95000	2000	6	U	1	U	13	U	12	U	12	U	12	U	12	U
Carbon Disulfide	75-15-0	500000	140000	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Carbon Tetrachloride	56-23-5	4700	1000	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Chlorobenzene	108-90-7	500000	20000	1	U	1	U	13	U	12	U	12	UJ	12	U	12	U
Chloroethane	75-00-3	--	--	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Chloroform	67-66-3	100000	1200	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Chloromethane	74-87-3	47000	540	6	U	1	U	13	UJ	12	UJ	12	U	12	U	12	UJ
Cis-1,2-Dichloroethene	156-59-2	500000	14000	1	U	1	U										
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Cyclohexane	110-82-7	--	--														
Dibromochloromethane	124-48-1	7300	100	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Dichlorodifluoromethane	75-71-8	--	--	6	U	1	U										
Ethylbenzene	100-41-4	500000	10100	1	U	1	U	13	U	12	U	12	UJ	12	U	12	U
Isopropylbenzene	98-82-8	500000	132000	1	U	1	U										
M,P-Xylene	179601-23-1	500000	19500	3	U	2	U										
Methyl Acetate	79-20-9	--	--														
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	6	B	8	B										
Methylcyclohexane	108-87-2	--	--														
Methylene Chloride	75-09-2	82000	1000	1	U	1	U	13	U	12	U	48	U	54	U	12	U
N-Propylbenzene	103-65-1	500000	14000	1	U	1	U										

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	0		0		0.5		0.5		0.5		0.5		0.5	
			Sample Location	SS14		SS17		SS-05		SS-06		SS-07		SS-08		SS-09	
			Sample ID	SS-014~AA25776~~100802		SS-017~AA26571~~103102		APJ39		APJ41		APJ43		APJ45		APJ47	
			Risk Zone	F*		F*		F*		F*		F*		F*		F*	
			Bottom Depth	0.25		0.25		2		2		2		2		2	
			Sample Date	10/8/2002		10/31/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
O-Xylene	95-47-6	500000	19500	1	U	1	U										
Styrene	100-42-5	500000	20000	1	U	1	U	13	U	12	U	12	UJ	12	U	12	U
Tetrachloroethene	127-18-4	12000	1000	4		1	U	13	U	12	U	12	UJ	12	U	12	U
Toluene	108-88-3	500000	67000	1	U	1	U	13	U	1	J	4	J	2	J	2	J
Trans-1,2-Dichloroethene	156-60-5	500000	20000	1	U	1	U										
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Trichloroethene	79-01-6	56000	1000	1	U	1	U	13	U	12	U	12	U	12	U	12	U
Trichlorofluoromethane	75-69-4	500000	260000	1	U	1	U										
Vinyl Chloride	75-01-4	320	400	1	U	1	U	13	U	12	U	12	U	12	U	12	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Stor
			Top Depth	0.5		10		10		15		4		4		1
			Sample Location	SS-09		SB143		SB144		SB142		SB195		SB196		SE
			Sample ID	APJ48		80018-SB143-1012		80018-SB144-1012		80018-SB142-1517		80018-SB195-0410-0311		80018-SB196-0410-0311		SB12-18-19~AA
			Risk Zone	F*		F*		F*		F*		F*		F*		F
			Bottom Depth	2		12		12		17		9		9		1
			Sample Date	4/27/1999		10/27/2008		10/27/2008		10/28/2008		3/30/2011		3/31/2011		10/14
			Sample Type	FD		N		N		N		N		N		N
			Field Duplicate Parent	APJ47												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
1,1,1-Trichloroethane	71-55-6	500000	40000	10	U	370	U	310	U	720	U	11	U	9.9	U	1
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	10	U	370	U	310	U	720	U	11	U	9.9	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--			370	U	310	U	720	U	11	U	9.9	U	1
1,1,2-Trichloroethane	79-00-5	11000	1000	10	U	370	U	310	U	720	U	11	U	9.9	U	1
1,1-Dichloroethane	75-34-3	500000	14000	10	U	370	U	310	U	720	U	11	U	9.9	U	1
1,1-Dichloroethene	75-35-4	1000	1400	10	U	370	U	310	U	720	U	11	U	9.9	U	1
1,2,3-Trichlorobenzene	87-61-6	--	--			370	U	310	U	720	U	11	U	9.9	U	1
1,2,4-Trichlorobenzene	120-82-1	680000	14000	350	U	370	U	310	U	720	U	11	U	9.9	U	1
1,2-Dibromo-3-Chloropropane	96-12-8	440	--			370	U	310	U	720	U	11	U	9.9	U	1
1,2-Dibromoethane	106-93-4	7	100			370	U	310	U	720	U	11	U	9.9	U	1
1,2-Dichlorobenzene	95-50-1	500000	3100	350	U	370	U	310	U	720	U	11	U	9.9	U	1
1,2-Dichloroethane	107-06-2	6700	200	10	U	370	U	310	U	720	U	11	U	9.9	U	1
1,2-Dichloropropane	78-87-5	9000	1000	10	U	370	U	310	U	720	U	11	U	9.9	U	1
1,3-Dichlorobenzene	541-73-1	500000	120000	350	U	370	U	310	U	720	U	11	U	9.9	U	1
1,4-Dichlorobenzene	106-46-7	26000	15000	350	U	370	U	310	U	720	U	11	U	9.9	U	1
1,4-Dioxane	123-91-1	--	--				R		R	14000	U	220	U	200	U	
2-Butanone	78-93-3	500000	80000	2	J	750	U	620	U	1400	U	22	U	20	U	10
2-Hexanone	591-78-6	--	--	10	U	750	U	620	U	1400	U	22	U	20	U	1
4-Methyl-2-Pentanone	108-10-1	500000	14000	10	U	750	U	620	U	1400	U	22	U	20	U	1
Acetone	67-64-1	500000	140000	10	U	750	U	620	U	1400	U	22	U	34	B	49
Benzene	71-43-2	21000	200	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Bromochloromethane	74-97-5	--	--			370	U	310	U	720	U	11	U	9.9	U	1
Bromodichloromethane	75-27-4	9900	110	10	U	81	J	310	U	720	U	11	U	9.9	U	1
Bromoform	75-25-2	78000	800	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Bromomethane	74-83-9	95000	2000	10	U	370	U	310	U	720	U	11	U	9.9	U	6
Carbon Disulfide	75-15-0	500000	140000	10	UJ	370	U	310	U	720	U	11	U	9.9	U	1
Carbon Tetrachloride	56-23-5	4700	1000	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Chlorobenzene	108-90-7	500000	20000	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Chloroethane	75-00-3	--	--	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Chloroform	67-66-3	100000	1200	10	U	660		310	U	720	U	11	U	9.9	U	1
Chloromethane	74-87-3	47000	540	10	UJ	370	U	310	U	720	U	11	U	9.9	U	6
Cis-1,2-Dichloroethene	156-59-2	500000	14000			370	U	310	U	720	U	11	U	9.9	U	1
Cis-1,3-Dichloropropene	10061-01-5	--	--	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Cyclohexane	110-82-7	--	--			370	U	310	U	720	U	11	U	8.8	JB	
Dibromochloromethane	124-48-1	7300	100	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Dichlorodifluoromethane	75-71-8	--	--			370	U	310	U	720	U	11	U	9.9	U	6
Ethylbenzene	100-41-4	500000	10100	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Isopropylbenzene	98-82-8	500000	132000			370	U	310	U	720	U	11	U	9.9	U	1
M,P-Xylene	179601-23-1	500000	19500			370	U	310	U	720	U	11	U	9.9	U	3
Methyl Acetate	79-20-9	--	--			370	U	110	J	220	J	11	U	9.9	U	
Methyl Tert-Butyl Ether	1634-04-4	500000	20000			370	U	310	U	720	U	11	U	9.9	U	7
Methylcyclohexane	108-87-2	--	--			370	U	310	U	720	U	11	U	9.9	U	
Methylene Chloride	75-09-2	82000	1000	14	U	370	U	310	U	720	U	2.4	JB	1.7	JB	1
N-Propylbenzene	103-65-1	500000	14000													1

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Stor
			Top Depth	0.5		10		10		15		4		4		1
			Sample Location	SS-09		SB143		SB144		SB142		SB195		SB196		SE
			Sample ID	APJ48		80018-SB143-1012		80018-SB144-1012		80018-SB142-1517		80018-SB195-0410-0311		80018-SB196-0410-0311		SB12-18-19~AA
			Risk Zone	F*		F*		F*		F*		F*		F*		F
			Bottom Depth	2		12		12		17		9		9		1
			Sample Date	4/27/1999		10/27/2008		10/27/2008		10/28/2008		3/30/2011		3/31/2011		10/14
			Sample Type	FD		N		N		N		N		N		N
			Field Duplicate Parent	APJ47												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
O-Xylene	95-47-6	500000	19500			370	U	310	U	720	U	11	U	9.9	U	1
Styrene	100-42-5	500000	20000	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Tetrachloroethene	127-18-4	12000	1000	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Toluene	108-88-3	500000	67000	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Trans-1,2-Dichloroethene	156-60-5	500000	20000			370	U	310	U	720	U	11	U	9.9	U	1
Trans-1,3-Dichloropropene	10061-02-6	--	--	10	U	370	U	310	U	720	U	11	U	9.9	U	1
Trichloroethene	79-01-6	56000	1000	10	U	95	J	310	U	720	U	11	U	9.9	U	1
Trichlorofluoromethane	75-69-4	500000	260000			370	U	310	U	720	U	11	U	9.9	U	1
Vinyl Chloride	75-01-4	320	400	10	UJ	370	U	310	U	720	U	11	U	9.9	U	1

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address e Ave.
Top Depth 8
Sample Location 12
Sample ID 26111~~101402
Risk Zone *
Bottom Depth 9
Sample Date /2002
Sample Type
Field Duplicate Parent
Unit /kg

Chemical Name	CAS No.	CT Residential DEC	CT GB-PMC	Qualifier
1,1,1-Trichloroethane	71-55-6	500000	40000	U
1,1,2,2-Tetrachloroethane	79-34-5	3100	100	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	U
1,1,2-Trichloroethane	79-00-5	11000	1000	U
1,1-Dichloroethane	75-34-3	500000	14000	U
1,1-Dichloroethene	75-35-4	1000	1400	U
1,2,3-Trichlorobenzene	87-61-6	--	--	U
1,2,4-Trichlorobenzene	120-82-1	680000	14000	U
1,2-Dibromo-3-Chloropropane	96-12-8	440	--	U
1,2-Dibromoethane	106-93-4	7	100	U
1,2-Dichlorobenzene	95-50-1	500000	3100	U
1,2-Dichloroethane	107-06-2	6700	200	U
1,2-Dichloropropane	78-87-5	9000	1000	U
1,3-Dichlorobenzene	541-73-1	500000	120000	U
1,4-Dichlorobenzene	106-46-7	26000	15000	U
1,4-Dioxane	123-91-1	--	--	
2-Butanone	78-93-3	500000	80000	
2-Hexanone	591-78-6	--	--	U
4-Methyl-2-Pentanone	108-10-1	500000	14000	U
Acetone	67-64-1	500000	140000	
Benzene	71-43-2	21000	200	U
Bromochloromethane	74-97-5	--	--	U
Bromodichloromethane	75-27-4	9900	110	U
Bromoform	75-25-2	78000	800	U
Bromomethane	74-83-9	95000	2000	U
Carbon Disulfide	75-15-0	500000	140000	U
Carbon Tetrachloride	56-23-5	4700	1000	U
Chlorobenzene	108-90-7	500000	20000	U
Chloroethane	75-00-3	--	--	U
Chloroform	67-66-3	100000	1200	U
Chloromethane	74-87-3	47000	540	U
Cis-1,2-Dichloroethene	156-59-2	500000	14000	
Cis-1,3-Dichloropropene	10061-01-5	--	--	U
Cyclohexane	110-82-7	--	--	
Dibromochloromethane	124-48-1	7300	100	U
Dichlorodifluoromethane	75-71-8	--	--	U
Ethylbenzene	100-41-4	500000	10100	U
Isopropylbenzene	98-82-8	500000	132000	U
M,P-Xylene	179601-23-1	500000	19500	U
Methyl Acetate	79-20-9	--	--	
Methyl Tert-Butyl Ether	1634-04-4	500000	20000	
Methylcyclohexane	108-87-2	--	--	
Methylene Chloride	75-09-2	82000	1000	U
N-Propylbenzene	103-65-1	500000	14000	U

Appendix G
Analytical Data Summary
VOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address e Ave.
Top Depth 8
Sample Location :12
Sample ID 26111~~101402
Risk Zone :*
Bottom Depth 9
Sample Date /2002
Sample Type ৷
Field Duplicate Parent
Unit /kg

Chemical Name	CAS No.	CT Residential DEC	CT GB-PMC	Qualifier
O-Xylene	95-47-6	500000	19500	U
Styrene	100-42-5	500000	20000	U
Tetrachloroethene	127-18-4	12000	1000	U
Toluene	108-88-3	500000	67000	U
Trans-1,2-Dichloroethene	156-60-5	500000	20000	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	U
Trichloroethene	79-01-6	56000	1000	U
Trichlorofluoromethane	75-69-4	500000	260000	U
Vinyl Chloride	75-01-4	320	400	J

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario:Mav 2010.
µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Cr
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	0		0		0		0		4		0	
			Sample Location	SS142		SS143		SS144		SS145		SB204		SS25	
			Sample ID	80018-SS142-0006		80018-SS143-0002		80018-SS144-0002		80018-SS145-0002		80018-SB204-0410-0311		SS-025~AA25777~~100802	
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*	
			Bottom Depth	0.5		2		2		2		9		0.25	
			Sample Date	10/16/2008		11/1/2008		10/25/2008		11/1/2008		3/31/2011		10/8/2002	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		ug/kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	390	U	810	U	310	U	310	U	8.7	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	390	U	810	U	310	U	310	U	8.7	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	390	U	810	U	310	U	310	U	8.7	U	1	U
1,1,2-Trichloroethane	79-00-5	100000	1000	390	U	810	U	310	U	310	U	8.7	U	1	U
1,1-Dichloroethane	75-34-3	1000000	14000	390	U	810	U	310	U	310	U	8.7	U	1	U
1,1-Dichloroethene	75-35-4	9500	1400	390	U	810	U	310	U	310	U	8.7	U	1	U
1,2,3-Trichlorobenzene	87-61-6	--	--	390	U	810	U	310	U	310	U	8.7	U	1	U
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	390	U	810	U	310	U	310	U	8.7	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	390	U	810	U	310	U	310	U	8.7	U	1	U
1,2-Dibromoethane	106-93-4	67	100	390	U	810	U	310	U	310	U	8.7	U	1	U
1,2-Dichlorobenzene	95-50-1	1000000	3100	390	U	810	U	310	U	310	U	8.7	U	1	U
1,2-Dichloroethane	107-06-2	63000	200	390	U	810	U	310	U	310	U	8.7	U	1	U
1,2-Dichloropropane	78-87-5	84000	1000	390	U	810	U	310	U	310	U	8.7	U	1	U
1,3-Dichlorobenzene	541-73-1	1000000	120000	390	U	810	U	310	U	310	U	8.7	U	1	U
1,4-Dichlorobenzene	106-46-7	240000	15000	390	U	810	U	310	U	310	U	8.7	U	1	U
1,4-Dioxane	123-91-1	--	--		R		R		R		R	170	U		
2-Butanone	78-93-3	1000000	80000	780	U	1600	U	610	U	620	U	17	U	5	U
2-Hexanone	591-78-6	--	--	780	U	1600	U	610	U	620	U	17	U	1	U
4-Methyl-2-Pentanone	108-10-1	1000000	14000	780	U	1600	U	610	U	620	U	17	U	1	U
Acetone	67-64-1	1000000	140000	780	U	1600	U	610	U	620	U	18	B	6	B
Benzene	71-43-2	200000	200	390	U	810	U	310	U	310	U	8.7	U	1	U
Bromochloromethane	74-97-5	--	--	390	U	810	U	310	U	310	U	8.7	U	1	U
Bromodichloromethane	75-27-4	92000	110	390	U	810	U	310	U	310	U	8.7	U	1	U
Bromoform	75-25-2	720000	800	390	U	810	U	310	U	310	U	8.7	U	1	U
Bromomethane	74-83-9	1000000	2000	390	U	810	U	310	UJ	310	U	8.7	U	5	U
Carbon Disulfide	75-15-0	1000000	140000	390	U	810	U	310	U	310	U	8.7	U	1	U
Carbon Tetrachloride	56-23-5	44000	1000	390	U	810	U	310	U	310	U	8.7	U	1	U
Chlorobenzene	108-90-7	1000000	20000	390	U	810	U	310	U	310	U	8.7	U	1	U
Chloroethane	75-00-3	--	--	390	U	810	U	310	U	310	U	8.7	U	1	U
Chloroform	67-66-3	940000	1200	390	U	810	U	310	U	310	U	8.7	U	1	U
Chloromethane	74-87-3	440000	540	390	U	810	U	310	U	310	U	8.7	U	5	U
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	390	U	810	U	310	U	310	U	8.7	U	1	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	390	U	810	U	310	U	310	U	8.7	U	1	U
Cyclohexane	110-82-7	--	--	390	U	810	U	310	U	310	U	3.6	JB		
Dibromochloromethane	124-48-1	68000	100	390	U	810	U	310	U	310	U	8.7	U	1	U
Dichlorodifluoromethane	75-71-8	--	--	390	U	810	U	310	U	310	U	8.7	U	5	U
Ethylbenzene	100-41-4	1000000	10100	390	U	810	U	310	U	310	U	8.7	U	1	U
Isopropylbenzene	98-82-8	1000000	132000	390	U	810	U	310	U	310	U	8.7	U	1	U

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	0		0		0		0		4		0			
			Sample Location	SS142		SS143		SS144		SS145		SB204		SS25			
			Sample ID	80018-SS142-0006		80018-SS143-0002		80018-SS144-0002		80018-SS145-0002		80018-SB204-0410-0311		SS-025~AA25777~~100802			
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*			
			Bottom Depth	0.5		2		2		2		9		0.25			
			Sample Date	10/16/2008		11/1/2008		10/25/2008		11/1/2008		3/31/2011		10/8/2002			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		ug/kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
m,p-Xylene	179601-23-1	1000000	19500	390	U	810	U	310	U	310	U	8.7	U	2	U		
Methyl Acetate	79-20-9	--	--	96	J	810	U	310	U	310	U	8.7	U				
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	390	U	810	U	310	U	310	U	8.7	U	8	B		
Methylcyclohexane	108-87-2	--	--	390	U	810	U	310	U	310	U	8.7	U				
Methylene Chloride	75-09-2	760000	1000	390	U	810	U	310	U	310	U	8.7	U	1	U		
N-Propylbenzene	103-65-1	--	14000											1	U		
O-Xylene	95-47-6	1000000	19500	390	U	810	U	310	U	310	U	8.7	U	1	U		
Styrene	100-42-5	1000000	20000	390	U	810	U	310	U	310	U	8.7	U	1	U		
Tetrachloroethene	127-18-4	110000	1000	390	U	810	U	310	U	310	U	8.7	U	1	U		
Toluene	108-88-3	1000000	67000	390	U	810	U	310	U	310	U	8.7	U	1	U		
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	390	U	810	U	310	U	310	U	8.7	U	1	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	390	U	810	U	310	U	310	U	8.7	U	1	U		
Trichloroethene	79-01-6	520000	1000	390	U	810	U	310	U	310	U	8.7	U	1	U		
Trichlorofluoromethane	75-69-4	1000000	260000	390	U	810	U	310	U	310	U	8.7	U	1	U		
Vinyl Chloride	75-01-4	3000	400	390	U	810	U	310	U	310	U	8.7	U	1	U		

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	0		0		0		0.5		0.5		5	
			Sample Location	SS26		SS-39		SS-40		SS-39		SS-40		SB155	
			Sample ID	SS-026~AA26229~~102402		APK10		APK12		APK11		APK13		80018-SB155-0507	
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*	
			Bottom Depth	0.25		0.5		0.5		2		2		7	
			Sample Date	10/24/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999		10/25/2008	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	1	U	12	U	11	U	11	U	11	U	390	U
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	1	U	12	U	11	U	11	U	11	U	390	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U									390	U
1,1,2-Trichloroethane	79-00-5	100000	1000	1	U	12	U	11	U	11	U	11	U	390	U
1,1-Dichloroethane	75-34-3	1000000	14000	1	U	12	U	11	U	11	U	11	U	390	U
1,1-Dichloroethene	75-35-4	9500	1400	1	U	12	U	11	U	11	U	11	U	390	U
1,2,3-Trichlorobenzene	87-61-6	--	--	6	U									390	U
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	1	U	400	U	760	U	380	U	360	U	390	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	1	U									390	U
1,2-Dibromoethane	106-93-4	67	100	1	U									390	U
1,2-Dichlorobenzene	95-50-1	1000000	3100	1	U	400	U	760	U	380	U	360	U	390	U
1,2-Dichloroethane	107-06-2	63000	200	1	U	12	U	11	U	11	U	11	U	390	U
1,2-Dichloropropane	78-87-5	84000	1000	1	U	12	U	11	U	11	U	11	U	390	U
1,3-Dichlorobenzene	541-73-1	1000000	120000	1	U	400	U	760	U	380	U	360	U	390	U
1,4-Dichlorobenzene	106-46-7	240000	15000	1	U	400	U	760	U	380	U	360	U	390	U
1,4-Dioxane	123-91-1	--	--												R
2-Butanone	78-93-3	1000000	80000	1	U	12	U	11	U	11	U	11	U	780	U
2-Hexanone	591-78-6	--	--	1	U	12	U	11	UJ	11	U	11	UJ	780	U
4-Methyl-2-Pentanone	108-10-1	1000000	14000	1	U	12	U	11	U	11	U	11	U	780	U
Acetone	67-64-1	1000000	140000	4	J	12	U	4	J	11	U	11	U	780	U
Benzene	71-43-2	200000	200	1	U	12	U	11	U	11	U	11	U	390	U
Bromochloromethane	74-97-5	--	--	1	U									390	U
Bromodichloromethane	75-27-4	92000	110	1	U	12	U	11	U	11	U	11	U	390	U
Bromoform	75-25-2	720000	800	1	U	12	U	11	U	11	U	11	U	390	U
Bromomethane	74-83-9	1000000	2000	6	U	12	U	11	U	11	U	11	U	390	UJ
Carbon Disulfide	75-15-0	1000000	140000	1	U	12	U	11	U	11	U	11	U	390	U
Carbon Tetrachloride	56-23-5	44000	1000	1	U	12	U	11	U	11	U	11	U	390	U
Chlorobenzene	108-90-7	1000000	20000	1	U	12	U	11	U	11	U	11	U	390	U
Chloroethane	75-00-3	--	--	1	U	12	U	11	U	11	U	11	U	390	U
Chloroform	67-66-3	940000	1200	1	U	12	U	11	U	11	U	11	U	390	U
Chloromethane	74-87-3	440000	540	1	U	12	U	11	U	11	U	11	U	390	U
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	1	U									390	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	12	U	11	U	11	U	11	U	390	U
Cyclohexane	110-82-7	--	--											390	U
Dibromochloromethane	124-48-1	68000	100	1	U	12	U	11	U	11	U	11	U	390	U
Dichlorodifluoromethane	75-71-8	--	--	1	U									390	U
Ethylbenzene	100-41-4	1000000	10100	1	U	12	U	11	U	11	U	11	U	390	U
Isopropylbenzene	98-82-8	1000000	132000	1	U									390	U

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	0		0		0		0.5		0.5		5			
			Sample Location	SS26		SS-39		SS-40		SS-39		SS-40		SB155			
			Sample ID	SS-026~AA26229~~102402		APK10		APK12		APK11		APK13		80018-SB155-0507			
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*			
			Bottom Depth	0.25		0.5		0.5		2		2		7			
			Sample Date	10/24/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999		10/25/2008			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
m,p-Xylene	179601-23-1	1000000	19500	2	U											390	U
Methyl Acetate	79-20-9	--	--													390	U
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	7	B											390	U
Methylcyclohexane	108-87-2	--	--													390	U
Methylene Chloride	75-09-2	760000	1000	1	U	32	U	21	U	39	U	23	U			390	U
N-Propylbenzene	103-65-1	--	14000	1	U												
O-Xylene	95-47-6	1000000	19500	1	U											390	U
Styrene	100-42-5	1000000	20000	1	U	12	U	11	U	11	U	11	U			390	U
Tetrachloroethene	127-18-4	110000	1000	1	U	12	U	11	U	11	U	11	U			390	U
Toluene	108-88-3	1000000	67000	1	U	12	U	11	U	1	J	11	U			390	U
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	1	U											390	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	12	U	11	U	11	U	11	U			390	U
Trichloroethene	79-01-6	520000	1000	1	U	12	U	11	U	11	U	11	U			390	U
Trichlorofluoromethane	75-69-4	1000000	260000	1	U											390	U
Vinyl Chloride	75-01-4	3000	400	1	U	12	U	11	U	11	U	11	U			390	U

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	5		9		9		9		10		14		14	
			Sample Location	SB162		SB157		SB159		SB160		SB161		SB156		SB156	
			Sample ID	80018-SB162-0507		80018-SB157-0911		80018-SB159-0911		80018-SB160-0911		80018-SB161-1012		80018-DUP07-1416		80018-SB156-1416	
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*		E2*	
			Bottom Depth	7		11		11		11		12		16		16	
			Sample Date	10/25/2008		11/1/2008		11/1/2008		11/1/2008		10/25/2008		10/25/2008		10/25/2008	
			Sample Type	N		N		N		N		N		FD		N	
			Field Duplicate Parent											80018-SB156-1416			
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	760	U	840	U	370	U	530	U	1000	U	710	UJ	570	UJ
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	760	U	840	U	370	U	530	U	1000	U	710	UJ	570	UJ
1,1,2-Trichloroethane	79-00-5	100000	1000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,1-Dichloroethane	75-34-3	1000000	14000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,1-Dichloroethene	75-35-4	9500	1400	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,2,3-Trichlorobenzene	87-61-6	--	--	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,2-Dibromoethane	106-93-4	67	100	760	U	840	U	370	U	530	U	1000	U	710	UJ	570	UJ
1,2-Dichlorobenzene	95-50-1	1000000	3100	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,2-Dichloroethane	107-06-2	63000	200	760	U	840	U	370	U	530	U	1000	U	710	UJ	570	UJ
1,2-Dichloropropane	78-87-5	84000	1000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,3-Dichlorobenzene	541-73-1	1000000	120000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,4-Dichlorobenzene	106-46-7	240000	15000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
1,4-Dioxane	123-91-1	--	--		R		R		R		R		R		R		R
2-Butanone	78-93-3	1000000	80000	1500	U	1700	U	740	U	1100	U	2000	U	1400	U	1100	U
2-Hexanone	591-78-6	--	--	1500	U	1700	U	740	U	1100	U	2000	U	1400	U	1100	U
4-Methyl-2-Pentanone	108-10-1	1000000	14000	1500	U	1700	U	740	U	1100	U	2000	U	1400	U	1100	U
Acetone	67-64-1	1000000	140000	1500	U	1700	U	740	U	720	J	2000	U	1400	U	1100	U
Benzene	71-43-2	200000	200	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Bromochloromethane	74-97-5	--	--	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Bromodichloromethane	75-27-4	92000	110	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Bromoform	75-25-2	720000	800	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Bromomethane	74-83-9	1000000	2000	760	UJ	840	U	370	U	530	U	1000	UJ	710	UJ	570	UJ
Carbon Disulfide	75-15-0	1000000	140000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Carbon Tetrachloride	56-23-5	44000	1000	760	U	840	U	370	U	530	U	1000	U	710	UJ	570	UJ
Chlorobenzene	108-90-7	1000000	20000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Chloroethane	75-00-3	--	--	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Chloroform	67-66-3	940000	1200	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Chloromethane	74-87-3	440000	540	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Cyclohexane	110-82-7	--	--	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Dibromochloromethane	124-48-1	68000	100	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Dichlorodifluoromethane	75-71-8	--	--	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Ethylbenzene	100-41-4	1000000	10100	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Isopropylbenzene	98-82-8	1000000	132000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U

Appendix G
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VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	5		9		9		9		10		14		14	
			Sample Location	SB162		SB157		SB159		SB160		SB161		SB156		SB156	
			Sample ID	80018-SB162-0507		80018-SB157-0911		80018-SB159-0911		80018-SB160-0911		80018-SB161-1012		80018-DUP07-1416		80018-SB156-1416	
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*		E2*	
			Bottom Depth	7		11		11		11		12		16		16	
			Sample Date	10/25/2008		11/1/2008		11/1/2008		11/1/2008		10/25/2008		10/25/2008		10/25/2008	
			Sample Type	N		N		N		N		N		FD		N	
			Field Duplicate Parent											80018-SB156-1416			
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
m,p-Xylene	179601-23-1	1000000	19500	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Methyl Acetate	79-20-9	--	--	760	U	840	U	84	J	120	J	1000	U	170	J	570	UJ
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	760	U	840	U	370	U	530	U	1000	U	710	UJ	570	UJ
Methylcyclohexane	108-87-2	--	--	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Methylene Chloride	75-09-2	760000	1000	760	U	840	U	370	U	530	U	1000	U	710	UJ	570	UJ
N-Propylbenzene	103-65-1	--	14000														
O-Xylene	95-47-6	1000000	19500	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Styrene	100-42-5	1000000	20000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Tetrachloroethene	127-18-4	110000	1000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Toluene	108-88-3	1000000	67000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Trichloroethene	79-01-6	520000	1000	760	U	840	U	370	U	530	U	1000	U	710	U	570	U
Trichlorofluoromethane	75-69-4	1000000	260000	760	U	840	U	370	U	530	U	1000	U	710	UJ	570	UJ
Vinyl Chloride	75-01-4	3000	400	760	U	840	U	370	U	530	U	1000	U	710	U	570	U

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

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µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

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VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
			Top Depth	4		1.167		6		12		1.5		5	
			Sample Location	SB197		MW5		SB18		SB18		SB40		SB119	
			Sample ID	0018-SB197-0410-031		S-052404-JR-165		SB18-6-7~AA26112~~100902		SB18-12-13~AA26113~~100902		S-18281-051304-JR-041		80018-SB119-0507	
			Risk Zone	G*		G*		G*		G*		G*		G*	
			Bottom Depth	9		1.167		7		13		1.5		7	
			Sample Date	3/29/2011		5/24/2004		10/9/2002		10/9/2002		5/13/2004		10/23/2008	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	7.8	U	7	UJ	74	U	1	U	6	UJ	440	UJ
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	7.8	U		R	74	U	1	U	6	UJ	440	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	7.8	U	7	UJ	74	U	1	U	6	UJ	440	UJ
1,1,2-Trichloroethane	79-00-5	100000	1000	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
1,1-Dichloroethane	75-34-3	1000000	14000	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
1,1-Dichloroethene	75-35-4	9500	1400	7.8	U	7	UJ	74	U	1	U	6	UJ	440	UJ
1,2,3-Trichlorobenzene	87-61-6	--	--	7.8	U			74	U	130	JB			440	U
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	7.8	U		R	75		130	JB	6	UJ	440	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	7.8	U		R	74	U	1	U	6	UJ	440	U
1,2-Dibromoethane	106-93-4	67	100	7.8	U	7	UJ	74	U	1	U	6	UJ	440	UJ
1,2-Dichlorobenzene	95-50-1	1000000	3100	7.8	U		R	74	U	1	U	6	UJ	440	U
1,2-Dichloroethane	107-06-2	63000	200	7.8	U	7	UJ	74	U	1	U	6	UJ	440	UJ
1,2-Dichloropropane	78-87-5	84000	1000	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
1,3-Dichlorobenzene	541-73-1	1000000	120000	7.8	U		R	74	U	1	U	6	UJ	440	U
1,4-Dichlorobenzene	106-46-7	240000	15000	7.8	U		R	74	U	1	U	6	UJ	440	U
1,4-Dioxane	123-91-1	--	--	160	U										R
2-Butanone	78-93-3	1000000	80000	16	U	14	UJ	370	U	5	U	11	UJ	870	U
2-Hexanone	591-78-6	--	--	16	U	14	UJ	74	U	1	U	11	UJ	870	U
4-Methyl-2-Pentanone	108-10-1	1000000	14000	16	U	14	UJ	74	U	1	U	11	UJ	870	U
Acetone	67-64-1	1000000	140000	16	U	14	UJ	380	J	3400	BJ	11	UJ	870	U
Benzene	71-43-2	200000	200	7.8	U	1	J	74	U	1	U	6	UJ	440	U
Bromochloromethane	74-97-5	--	--	7.8	U			74	U	1	U			440	U
Bromodichloromethane	75-27-4	92000	110	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
Bromoform	75-25-2	720000	800	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
Bromomethane	74-83-9	1000000	2000	7.8	U	7	UJ	370	U	5	U	6	UJ	440	UJ
Carbon Disulfide	75-15-0	1000000	140000	7.8	U	1	J	74	U	1	U	6	UJ	440	U
Carbon Tetrachloride	56-23-5	44000	1000	7.8	U	7	UJ	74	U	1	U	6	UJ	440	UJ
Chlorobenzene	108-90-7	1000000	20000	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
Chloroethane	75-00-3	--	--	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
Chloroform	67-66-3	940000	1200	7.8	U	7	UJ	74	U	1	U	6	UJ	120	J
Chloromethane	74-87-3	440000	540	7.8	U	7	UJ	370	U	5	U	6	UJ	440	U
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	7.8	U	7	UJ	74	U	350		6	UJ	440	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
Cyclohexane	110-82-7	--	--	7.8	U									440	U
Dibromochloromethane	124-48-1	68000	100	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
Dichlorodifluoromethane	75-71-8	--	--	7.8	U	7	UJ	370	U	5	U	6	UJ	440	U
Ethylbenzene	100-41-4	1000000	10100	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
Isopropylbenzene	98-82-8	1000000	132000	7.8	U		R	74	U	1	U	6	UJ	440	U

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
			Top Depth	4		1.167		6		12		1.5		5	
			Sample Location	SB197		MW5		SB18		SB18		SB40		SB119	
			Sample ID	80018-SB197-0410-031		S-052404-JR-165		SB18-6-7~AA26112~~100902		SB18-12-13~AA26113~~100902		S-18281-051304-JR-041		80018-SB119-0507	
			Risk Zone	G*		G*		G*		G*		G*		G*	
			Bottom Depth	9		1.167		7		13		1.5		7	
			Sample Date	3/29/2011		5/24/2004		10/9/2002		10/9/2002		5/13/2004		10/23/2008	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
m,p-Xylene	179601-23-1	1000000	19500	7.8	U			150		2	U			440	U
Methyl Acetate	79-20-9	--	--	7.8	U									440	UJ
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	7.8	U	7	UJ	7		7		6	UJ	440	UJ
Methylcyclohexane	108-87-2	--	--	7.8	U									440	U
Methylene Chloride	75-09-2	760000	1000	3.6	JB	7	UJ	74	U	1	U	6	UJ	440	UJ
N-Propylbenzene	103-65-1	--	14000					74	U	1	U				
O-Xylene	95-47-6	1000000	19500	7.8	U			45	J	1	U			440	U
Styrene	100-42-5	1000000	20000	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
Tetrachloroethene	127-18-4	110000	1000	7.8	U	7	UJ	74	U	**12000**		6	UJ	440	U
Toluene	108-88-3	1000000	67000	7.8	U	6	J	73	J	1	U	6	UJ	440	U
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U
Trichloroethene	79-01-6	520000	1000	7.8	U	7	UJ	74	U	**1800**		6	UJ	440	U
Trichlorofluoromethane	75-69-4	1000000	260000	7.8	U	7	UJ	170		1	U	6	UJ	440	UJ
Vinyl Chloride	75-01-4	3000	400	7.8	U	7	UJ	74	U	1	U	6	UJ	440	U

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	235 Meriden Rd.		235 Meriden Rd.		263 Meriden Rd.		263 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.	
			Top Depth	5		12.5		0		9		4		0		1	
			Sample Location	SB120		SB40		SS113		SB121		SB198		SS23		SB39	
			Sample ID	80018-SB120-0507		S-18281-051304-JR-043		80018-SS113-0002		80018-SB121-0913		80018-SB198-0410-0311		SS-023~AA26581~~103102		S-071504-DK-203	
			Risk Zone	G*		G*		D3*		D3*		G*		G*		G*	
			Bottom Depth	7		12.5		2		13		9		0.25		1	
			Sample Date	10/23/2008		5/13/2004		10/22/2008		10/22/2008		3/28/2011		10/31/2002		7/15/2004	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		ug/kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	300	UJ	5	UJ	330	U	540	U	12	U	1	U		R
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	300	U	5	UJ	330	U	540	U	12	U	1	U		R
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	300	UJ	5	UJ	330	U	540	U	12	U	1	U		R
1,1,2-Trichloroethane	79-00-5	100000	1000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
1,1-Dichloroethane	75-34-3	1000000	14000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
1,1-Dichloroethene	75-35-4	9500	1400	300	UJ	5	UJ	330	U	540	U	12	U	1	U		R
1,2,3-Trichlorobenzene	87-61-6	--	--	300	U			330	U	540	U	12	U	1	U		
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	300	U	5	UJ	330	U	540	U	12	U	1	U		R
1,2-Dibromoethane	106-93-4	67	100	300	UJ	5	UJ	330	U	540	U	12	U	1	U		R
1,2-Dichlorobenzene	95-50-1	1000000	3100	300	U	5	UJ	330	U	540	U	12	U	1	U		R
1,2-Dichloroethane	107-06-2	63000	200	300	UJ	5	UJ	330	U	540	U	12	U	1	U		R
1,2-Dichloropropane	78-87-5	84000	1000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
1,3-Dichlorobenzene	541-73-1	1000000	120000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
1,4-Dichlorobenzene	106-46-7	240000	15000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
1,4-Dioxane	123-91-1	--	--		R				R		R	250	U				
2-Butanone	78-93-3	1000000	80000	600	U	9	UJ	650	U	1100	U	25	U	2			R
2-Hexanone	591-78-6	--	--	600	U	9	UJ	650	U	1100	U	25	U	1	U		R
4-Methyl-2-Pentanone	108-10-1	1000000	14000	600	U	9	UJ	650	U	1100	U	25	U	1	U		R
Acetone	67-64-1	1000000	140000	600	U	24	UJ	650	U	1100	U	25	U	3	J		R
Benzene	71-43-2	200000	200	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Bromochloromethane	74-97-5	--	--	300	U			330	U	540	U	12	U	1	U		
Bromodichloromethane	75-27-4	92000	110	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Bromoform	75-25-2	720000	800	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Bromomethane	74-83-9	1000000	2000	300	UJ	5	UJ	330	UJ	540	UJ	12	U	1	U		R
Carbon Disulfide	75-15-0	1000000	140000	300	U	5	J	330	U	540	U	12	U	1	U		R
Carbon Tetrachloride	56-23-5	44000	1000	300	UJ	5	UJ	330	U	**4000**		12	U	1	U		R
Chlorobenzene	108-90-7	1000000	20000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Chloroethane	75-00-3	--	--	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Chloroform	67-66-3	940000	1200	300	U	5	UJ	330	U	400	J	12	U	1	U	17	J
Chloromethane	74-87-3	440000	540	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Cis-1,3-Dichloropropene	10061-01-5	--	--	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Cyclohexane	110-82-7	--	--	300	U			330	U	540	U	12	U				
Dibromochloromethane	124-48-1	68000	100	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Dichlorodifluoromethane	75-71-8	--	--	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Ethylbenzene	100-41-4	1000000	10100	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Isopropylbenzene	98-82-8	1000000	132000	300	U	5	UJ	330	U	540	U	12	U	1	U		R

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	235 Meriden Rd.		235 Meriden Rd.		263 Meriden Rd.		263 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.	
			Top Depth	5		12.5		0		9		4		0		1	
			Sample Location	SB120		SB40		SS113		SB121		SB198		SS23		SB39	
			Sample ID	80018-SB120-0507		S-18281-051304-JR-043		80018-SS113-0002		80018-SB121-0913		80018-SB198-0410-0311		SS-023~AA26581~~103102		S-071504-DK-203	
			Risk Zone	G*		G*		D3*		D3*		G*		G*		G*	
			Bottom Depth	7		12.5		2		13		9		0.25		1	
			Sample Date	10/23/2008		5/13/2004		10/22/2008		10/22/2008		3/28/2011		10/31/2002		7/15/2004	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		ug/kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
m,p-Xylene	179601-23-1	1000000	19500	300	U			330	U	540	U	12	U	2	U		
Methyl Acetate	79-20-9	--	--	300	UJ			330	U	540	U	12	U				
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	300	UJ	5	UJ	330	U	540	U	12	U	5	B		R
Methylcyclohexane	108-87-2	--	--	300	U			330	U	540	U	12	U				
Methylene Chloride	75-09-2	760000	1000	300	UJ	5	UJ	330	U	540	U	8.1	JB	1	U		R
N-Propylbenzene	103-65-1	--	14000											1	U		
O-Xylene	95-47-6	1000000	19500	300	U			330	U	540	U	12	U	1	U		
Styrene	100-42-5	1000000	20000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Tetrachloroethene	127-18-4	110000	1000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Toluene	108-88-3	1000000	67000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Trans-1,3-Dichloropropene	10061-02-6	--	--	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Trichloroethene	79-01-6	520000	1000	300	U	5	UJ	330	U	540	U	12	U	1	U		R
Trichlorofluoromethane	75-69-4	1000000	260000	300	UJ	5	UJ	330	U	540	U	12	U	1	U		R
Vinyl Chloride	75-01-4	3000	400	300	U	5	UJ	330	U	540	U	12	U	1	U		R

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Commercial/Industrial Soil Scenario;May 2010
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	265 Meriden Rd.		265 Meriden Rd.		50 Store Ave.		50 Store Ave.	
			Top Depth	7		12.5		4		4	
			Sample Location	SB39		SB39		SB201		SB202	
			Sample ID	S-071504-DK-204		S-071504-DK-205		80018-SB201-0410-0311		80018-SB202-0410-0311	
			Risk Zone	G*		G*		I*		I*	
			Bottom Depth	7		12.5		9		9	
			Sample Date	7/15/2004		7/15/2004		3/29/2011		3/29/2011	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	µg/Kg		µg/Kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	6	UJ	8	UJ	11	U	14	U
1,1,2,2-Tetrachloroethane	79-34-5	29000	100		R		R	11	U	14	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	6	UJ	8	UJ	11	U	14	U
1,1,2-Trichloroethane	79-00-5	100000	1000	6	UJ	8	UJ	11	U	14	U
1,1-Dichloroethane	75-34-3	1000000	14000	6	UJ	8	UJ	11	U	14	U
1,1-Dichloroethene	75-35-4	9500	1400	6	UJ	8	UJ	11	U	14	U
1,2,3-Trichlorobenzene	87-61-6	--	--					11	U	14	U
1,2,4-Trichlorobenzene	120-82-1	2500000	14000		R		R	11	U	14	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--		R		R	11	U	14	U
1,2-Dibromoethane	106-93-4	67	100		R		R	11	U	14	U
1,2-Dichlorobenzene	95-50-1	1000000	3100		R		R	11	U	14	U
1,2-Dichloroethane	107-06-2	63000	200	6	UJ	8	UJ	11	U	14	U
1,2-Dichloropropane	78-87-5	84000	1000	6	UJ	8	UJ	11	U	14	U
1,3-Dichlorobenzene	541-73-1	1000000	120000		R		R	11	U	14	U
1,4-Dichlorobenzene	106-46-7	240000	15000		R		R	11	U	14	U
1,4-Dioxane	123-91-1	--	--					220	U	270	U
2-Butanone	78-93-3	1000000	80000	12	UJ	15	UJ	22	U	27	U
2-Hexanone	591-78-6	--	--		R		R	22	U	27	U
4-Methyl-2-Pentanone	108-10-1	1000000	14000		R		R	22	U	27	U
Acetone	67-64-1	1000000	140000	12	UJ	15	UJ	7	J	27	U
Benzene	71-43-2	200000	200	6	UJ	8	UJ	11	U	14	U
Bromochloromethane	74-97-5	--	--					11	U	14	U
Bromodichloromethane	75-27-4	92000	110	6	UJ	8	UJ	11	U	14	U
Bromoform	75-25-2	720000	800		R		R	11	U	14	U
Bromomethane	74-83-9	1000000	2000	6	UJ	8	UJ	11	U	14	U
Carbon Disulfide	75-15-0	1000000	140000	10	J	27	J	1.9	J	1.2	J
Carbon Tetrachloride	56-23-5	44000	1000	6	UJ	8	UJ	11	U	14	U
Chlorobenzene	108-90-7	1000000	20000		R		R	11	U	14	U
Chloroethane	75-00-3	--	--	6	UJ	8	UJ	11	U	14	U
Chloroform	67-66-3	940000	1200	6	UJ	4	J	11	U	14	U
Chloromethane	74-87-3	440000	540	6	UJ	8	UJ	11	U	14	U
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	6	UJ	1	J	11	U	14	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	6	UJ	8	UJ	11	U	14	U
Cyclohexane	110-82-7	--	--					11	U	14	U
Dibromochloromethane	124-48-1	68000	100		R		R	11	U	14	U
Dichlorodifluoromethane	75-71-8	--	--	6	UJ	8	UJ	11	U	14	U
Ethylbenzene	100-41-4	1000000	10100		R		R	11	U	14	U
Isopropylbenzene	98-82-8	1000000	132000		R		R	11	U	14	U

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	265 Meriden Rd.		265 Meriden Rd.		50 Store Ave.		50 Store Ave.	
			Top Depth	7		12.5		4		4	
			Sample Location	SB39		SB39		SB201		SB202	
			Sample ID	S-071504-DK-204		S-071504-DK-205		80018-SB201-0410-0311		80018-SB202-0410-0311	
			Risk Zone	G*		G*		I*		I*	
			Bottom Depth	7		12.5		9		9	
			Sample Date	7/15/2004		7/15/2004		3/29/2011		3/29/2011	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	µg/Kg		µg/Kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
m,p-Xylene	179601-23-1	1000000	19500					11	U	14	U
Methyl Acetate	79-20-9	--	--					11	U	14	U
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	6	UJ	8	UJ	11	U	14	U
Methylcyclohexane	108-87-2	--	--					11	U	14	U
Methylene Chloride	75-09-2	760000	1000	6	UJ	8	UJ	5.8	JB	8.8	JB
N-Propylbenzene	103-65-1	--	14000								
O-Xylene	95-47-6	1000000	19500					11	U	14	U
Styrene	100-42-5	1000000	20000		R		R	11	U	14	U
Tetrachloroethene	127-18-4	110000	1000		R	3	J	11	U	41	
Toluene	108-88-3	1000000	67000		R		R	11	U	14	U
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	6	UJ	8	UJ	11	U	14	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	6	UJ	8	UJ	11	U	14	U
Trichloroethene	79-01-6	520000	1000	6	UJ	0.5	J	11	U	21	
Trichlorofluoromethane	75-69-4	1000000	260000	6	UJ	8	UJ	11	U	14	U
Vinyl Chloride	75-01-4	3000	400	6	UJ	8	UJ	11	U	14	U

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	4		4		0		0			
			Sample Location	SB203		SB203		SS24		SS29			
			Sample ID	80018-DUP01-0410-0311		80018-SB203-0410-0311		SS-024~AA26582~~103102		SS-029~AA26632~~110102			
			Risk Zone	I*		I*		I*		I*			
			Bottom Depth	9		9		0.25		0.25			
			Sample Date	3/29/2011		3/29/2011		10/31/2002		11/1/2002			
			Sample Type	FD		N		N		N			
			Field Duplicate Parent	80018-SB203-0410-0311									
			Unit	ug/kg		ug/kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	1000000	40000	10	U	9.7	U	1	U	1	U		
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	10	U	9.7	U	1	U	1	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	10	U	9.7	U	1	U	1	U		
1,1,2-Trichloroethane	79-00-5	100000	1000	10	U	9.7	U	1	U	1	U		
1,1-Dichloroethane	75-34-3	1000000	14000	10	U	9.7	U	1	U	1	U		
1,1-Dichloroethene	75-35-4	9500	1400	10	U	9.7	U	1	U	1	U		
1,2,3-Trichlorobenzene	87-61-6	--	--	10	U	9.7	U	1	U	6	U		
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	10	U	9.7	U	1	U	1	U		
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	10	U	9.7	U	1	U	1	U		
1,2-Dibromoethane	106-93-4	67	100	10	U	9.7	U	1	U	1	U		
1,2-Dichlorobenzene	95-50-1	1000000	3100	10	U	9.7	U	1	U	1	U		
1,2-Dichloroethane	107-06-2	63000	200	10	U	9.7	U	1	U	1	U		
1,2-Dichloropropane	78-87-5	84000	1000	10	U	9.7	U	1	U	1	U		
1,3-Dichlorobenzene	541-73-1	1000000	120000	10	U	9.7	U	1	U	1	U		
1,4-Dichlorobenzene	106-46-7	240000	15000	10	U	9.7	U	1	U	1	U		
1,4-Dioxane	123-91-1	--	--	210	U	190	U						
2-Butanone	78-93-3	1000000	80000	21	U	19	U	1		1	U		
2-Hexanone	591-78-6	--	--	21	U	19	U	1	U	1	U		
4-Methyl-2-Pentanone	108-10-1	1000000	14000	21	U	19	U	1	U	1	U		
Acetone	67-64-1	1000000	140000	21	U	8.2	J	2	J	8	J		
Benzene	71-43-2	200000	200	10	U	9.7	U	1	U	1	U		
Bromochloromethane	74-97-5	--	--	10	U	9.7	U	1	U	1	U		
Bromodichloromethane	75-27-4	92000	110	10	U	9.7	U	1	U	1	U		
Bromoform	75-25-2	720000	800	10	U	9.7	U	1	U	1	U		
Bromomethane	74-83-9	1000000	2000	10	U	9.7	U	1	U	6	U		
Carbon Disulfide	75-15-0	1000000	140000	10	U	9.7	U	1	U	1	U		
Carbon Tetrachloride	56-23-5	44000	1000	10	U	9.7	U	1	U	1	U		
Chlorobenzene	108-90-7	1000000	20000	10	U	9.7	U	1	U	1	U		
Chloroethane	75-00-3	--	--	10	U	9.7	U	1	U	1	U		
Chloroform	67-66-3	940000	1200	10	U	9.7	U	1	U	1	U		
Chloromethane	74-87-3	440000	540	10	U	9.7	U	1	U	1	U		
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	10	U	9.7	U	1	U	1	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	10	U	9.7	U	1	U	1	U		
Cyclohexane	110-82-7	--	--	10	U	9.7	U						
Dibromochloromethane	124-48-1	68000	100	10	U	9.7	U	1	U	1	U		
Dichlorodifluoromethane	75-71-8	--	--	10	U	9.7	U	1	U	1	U		
Ethylbenzene	100-41-4	1000000	10100	10	U	9.7	U	1	U	1	U		
Isopropylbenzene	98-82-8	1000000	132000	10	U	9.7	U	1	U	1	U		

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	4		4		0		0			
			Sample Location	SB203		SB203		SS24		SS29			
			Sample ID	80018-DUP01-0410-0311		80018-SB203-0410-0311		SS-024~AA26582~~103102		SS-029~AA26632~~110102			
			Risk Zone	I*		I*		I*		I*			
			Bottom Depth	9		9		0.25		0.25			
			Sample Date	3/29/2011		3/29/2011		10/31/2002		11/1/2002			
			Sample Type	FD		N		N		N			
			Field Duplicate Parent	80018-SB203-0410-0311									
			Unit	ug/kg		ug/kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
m,p-Xylene	179601-23-1	1000000	19500	10	U	9.7	U	2	U	2	U		
Methyl Acetate	79-20-9	--	--	10	U	9.7	U						
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	10	U	9.7	U	8	B	8			
Methylcyclohexane	108-87-2	--	--	10	U	9.7	U						
Methylene Chloride	75-09-2	760000	1000	6.2	JB	5.9	JB	1	U	1	U		
N-Propylbenzene	103-65-1	--	14000					1	U	1	U		
O-Xylene	95-47-6	1000000	19500	10	U	9.7	U	1	U	1	U		
Styrene	100-42-5	1000000	20000	10	U	9.7	U	1	U	1	U		
Tetrachloroethene	127-18-4	110000	1000	10	U	9.7	U	1	U	1	U		
Toluene	108-88-3	1000000	67000	10	U	9.7	U	1	U	1	U		
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	10	U	9.7	U	1	U	1	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	10	U	9.7	U	1	U	1	U		
Trichloroethene	79-01-6	520000	1000	10	U	9.7	U	1	U	1	U		
Trichlorofluoromethane	75-69-4	1000000	260000	10	U	9.7	U	1	U	1	U		
Vinyl Chloride	75-01-4	3000	400	10	U	9.7	U	1	U	1	U		

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	1.5		6		6		7		7			
			Sample Location	SB44/MW4D		SB27		SB44/MW4D		SB145		SB35			
			Sample ID	S-052004-JR-136		SB27-06-07~AA26215~~101702		S-052004-JR-139		80018-SB145-0709		SB35-07-08~AA26212~~101002			
			Risk Zone	I*		I*		I*		I*		I*			
			Bottom Depth	1.5		7		6		9		8			
			Sample Date	5/20/2004		10/17/2002		5/20/2004		10/21/2008		10/10/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	1000000	40000	8	UJ	2	U	11	U	580	U	1	U		
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	8	UJ	2	U		R	580	U	1	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	8	UJ	2	U	11	U	580	U	1	U		
1,1,2-Trichloroethane	79-00-5	100000	1000	8	UJ	2	U	11	U	580	U	1	U		
1,1-Dichloroethane	75-34-3	1000000	14000	8	UJ	2	U	11	U	580	U	1	U		
1,1-Dichloroethene	75-35-4	9500	1400	8	UJ	2	U	11	U	580	U	1	U		
1,2,3-Trichlorobenzene	87-61-6	--	--			2	U			580	U	1	U		
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	8	UJ	2	U		R	580	U	1	U		
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	8	UJ	2	U		R	580	U	1	U		
1,2-Dibromoethane	106-93-4	67	100	8	UJ	2	U	11	UJ	580	U	1	U		
1,2-Dichlorobenzene	95-50-1	1000000	3100	8	UJ	2	U		R	580	U	1	U		
1,2-Dichloroethane	107-06-2	63000	200	8	UJ	2	U	11	U	580	U	1	U		
1,2-Dichloropropane	78-87-5	84000	1000	8	UJ	2	U	11	U	580	UJ	1	U		
1,3-Dichlorobenzene	541-73-1	1000000	120000	8	UJ	2	U		R	580	U	1	U		
1,4-Dichlorobenzene	106-46-7	240000	15000	8	UJ	2	U		R	580	U	1	U		
1,4-Dioxane	123-91-1	--	--								R				
2-Butanone	78-93-3	1000000	80000	16	UJ	2	U	21	UJ	1200	U	1	U		
2-Hexanone	591-78-6	--	--	16	UJ	2	U	21	UJ	1200	U	1	U		
4-Methyl-2-Pentanone	108-10-1	1000000	14000	16	UJ	2	U	21	UJ	1200	U	1	U		
Acetone	67-64-1	1000000	140000	16	UJ	16	J	21	UJ	330	J	38	J		
Benzene	71-43-2	200000	200	8	UJ	2	U	11	U	**2100**		1	U		
Bromochloromethane	74-97-5	--	--			2	U			580	U	1	U		
Bromodichloromethane	75-27-4	92000	110	8	UJ	2	U	11	U	580	UJ	1	U		
Bromoform	75-25-2	720000	800	8	UJ	2	U	11	UJ	580	U	1	U		
Bromomethane	74-83-9	1000000	2000	8	UJ	2	U	11	UJ	580	U	1	U		
Carbon Disulfide	75-15-0	1000000	140000	8	UJ	2	U	11	U	580	U	2.8	J		
Carbon Tetrachloride	56-23-5	44000	1000	8	UJ	2	U	11	U	580	U	1	U		
Chlorobenzene	108-90-7	1000000	20000	8	UJ	2	U	11	UJ	580	U	1	U		
Chloroethane	75-00-3	--	--	8	UJ	2	U	11	UJ	580	U	1	U		
Chloroform	67-66-3	940000	1200	8	UJ	2	U	11	U	580	U	1	U		
Chloromethane	74-87-3	440000	540	8	UJ	2	U	11	U	580	U	1	U		
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	8	UJ	2	U	11	U	580	U	1	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	8	UJ	2	U	11	U	580	U	1	U		
Cyclohexane	110-82-7	--	--							580	UJ				
Dibromochloromethane	124-48-1	68000	100	8	UJ	2	U	11	UJ	580	U	1	U		
Dichlorodifluoromethane	75-71-8	--	--	8	UJ	2	U	11	U	580	U	1	U		
Ethylbenzene	100-41-4	1000000	10100	8	UJ	2	U	11	UJ	580	U	1	U		
Isopropylbenzene	98-82-8	1000000	132000	8	UJ	2	U		R	580	U	1	U		

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	1.5		6		6		7		7			
			Sample Location	SB44/MW4D		SB27		SB44/MW4D		SB145		SB35			
			Sample ID	S-052004-JR-136		SB27-06-07~AA26215~~101702		S-052004-JR-139		80018-SB145-0709		SB35-07-08~AA26212~~101002			
			Risk Zone	I*		I*		I*		I*		I*			
			Bottom Depth	1.5		7		6		9		8			
			Sample Date	5/20/2004		10/17/2002		5/20/2004		10/21/2008		10/10/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
m,p-Xylene	179601-23-1	1000000	19500			3	U			810		3	U		
Methyl Acetate	79-20-9	--	--							130	J				
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	8	UJ	7	B	11	U	580	U	20	JB		
Methylcyclohexane	108-87-2	--	--							580	UJ				
Methylene Chloride	75-09-2	760000	1000	8	UJ	2	U	11	UJ	580	U	1	U		
N-Propylbenzene	103-65-1	--	14000			2	U					1	U		
O-Xylene	95-47-6	1000000	19500			2	U			110	J	1	U		
Styrene	100-42-5	1000000	20000	8	UJ	2	U	11	UJ	580	U	1	U		
Tetrachloroethene	127-18-4	110000	1000	8	UJ	2	U	11	UJ	580	U	1	U		
Toluene	108-88-3	1000000	67000	8	UJ	2	U	1	J	8500		1	U		
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	8	UJ	2	U	11	U	580	U	1	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	8	UJ	2	U	11	U	580	U	1	U		
Trichloroethene	79-01-6	520000	1000	8	UJ	2	U	11	U	580	U	1	U		
Trichlorofluoromethane	75-69-4	1000000	260000	8	UJ	2	U	11	U	580	U	1	U		
Vinyl Chloride	75-01-4	3000	400	8	UJ	2	U	11	U	580	U	1	U		

Notes:

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CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

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J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	8		12		12		14			
			Sample Location	SB26		SB26		SB31		SB146			
			Sample ID	SB26-08-09~AA26213~~102302		SB26-12-13~AA26211~~102302		SB31-12-13~AA26206~~101402		80018-SB146-1416			
			Risk Zone	I*		I*		I*		I*			
			Bottom Depth	9		13		13		16			
			Sample Date	10/23/2002		10/23/2002		10/14/2002		10/24/2008			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	1000000	40000	75	U	1	U	1	U	290	U		
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	75	U	1	U	1	U	290	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	75	U	1	U	1	U	290	U		
1,1,2-Trichloroethane	79-00-5	100000	1000	75	U	1	U	1	U	290	U		
1,1-Dichloroethane	75-34-3	1000000	14000	75	U	1	U	1	U	290	U		
1,1-Dichloroethene	75-35-4	9500	1400	75	U	1	U	1	U	290	U		
1,2,3-Trichlorobenzene	87-61-6	--	--	75	U	1	U	1	U	290	U		
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	75	U	1	U	1	U	290	U		
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	75	U	1	U	1	U	290	U		
1,2-Dibromoethane	106-93-4	67	100	75	U	1	U	1	U	290	U		
1,2-Dichlorobenzene	95-50-1	1000000	3100	75	U	1	U	1	U	290	U		
1,2-Dichloroethane	107-06-2	63000	200	75	U	1	U	1	U	290	U		
1,2-Dichloropropane	78-87-5	84000	1000	75	U	1	U	1	U	290	UJ		
1,3-Dichlorobenzene	541-73-1	1000000	120000	75	U	1	U	1	U	290	U		
1,4-Dichlorobenzene	106-46-7	240000	15000	75	U	1	U	1	U	290	U		
1,4-Dioxane	123-91-1	--	--								R		
2-Butanone	78-93-3	1000000	80000	12		15		1	U	580	U		
2-Hexanone	591-78-6	--	--	75	U	1	U	1	U	580	U		
4-Methyl-2-Pentanone	108-10-1	1000000	14000	75	U	1	U	1	U	580	U		
Acetone	67-64-1	1000000	140000	34	J	8	J	8	J	580	U		
Benzene	71-43-2	200000	200	75	U	1	U	1	U	290	U		
Bromochloromethane	74-97-5	--	--	75	U	1	U	1	U	290	U		
Bromodichloromethane	75-27-4	92000	110	75	U	1	U	1	U	290	UJ		
Bromoform	75-25-2	720000	800	75	U	1	U	1	U	290	U		
Bromomethane	74-83-9	1000000	2000	75	U	1	U	1	U	290	UJ		
Carbon Disulfide	75-15-0	1000000	140000	6		5		1	U	290	U		
Carbon Tetrachloride	56-23-5	44000	1000	75	U	1	U	1	U	290	U		
Chlorobenzene	108-90-7	1000000	20000	75	U	1	U	1	U	290	U		
Chloroethane	75-00-3	--	--	75	U	1	U	1	U	290	U		
Chloroform	67-66-3	940000	1200	75	U	1	U	2		290	U		
Chloromethane	74-87-3	440000	540	75	U	1	U	1	U	290	U		
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	75	U	1	U	1	U	290	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	75	U	1	U	1	U	290	U		
Cyclohexane	110-82-7	--	--							290	UJ		
Dibromochloromethane	124-48-1	68000	100	75	U	1	U	1	U	290	U		
Dichlorodifluoromethane	75-71-8	--	--	75	U	1	U	1	U	290	U		
Ethylbenzene	100-41-4	1000000	10100	75	U	1	U	1	U	290	U		
Isopropylbenzene	98-82-8	1000000	132000	75	U	1	U	1	U	290	U		

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	8		12		12		14			
			Sample Location	SB26		SB26		SB31		SB146			
			Sample ID	SB26-08-09~AA26213~~102302		SB26-12-13~AA26211~~102302		SB31-12-13~AA26206~~101402		80018-SB146-1416			
			Risk Zone	I*		I*		I*		I*			
			Bottom Depth	9		13		13		16			
			Sample Date	10/23/2002		10/23/2002		10/14/2002		10/24/2008			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
m,p-Xylene	179601-23-1	1000000	19500	150	U	3	U	3	U	290	U		
Methyl Acetate	79-20-9	--	--							290	U		
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	9	B	7	B	6	B	290	U		
Methylcyclohexane	108-87-2	--	--							290	UJ		
Methylene Chloride	75-09-2	760000	1000	75	U	1	U	1	U	290	U		
N-Propylbenzene	103-65-1	--	14000	75	U	1	U	1	U				
O-Xylene	95-47-6	1000000	19500	75	U	1	U	1	U	290	U		
Styrene	100-42-5	1000000	20000	75	U	1	U	1	U	290	U		
Tetrachloroethene	127-18-4	110000	1000	75	U	1	U	1	U	290	U		
Toluene	108-88-3	1000000	67000	75	U	1	U	1	U	290	U		
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	75	U	1	U	1	U	290	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	75	U	1	U	1	U	290	U		
Trichloroethene	79-01-6	520000	1000	75	U	1	U	1	U	290	U		
Trichlorofluoromethane	75-69-4	1000000	260000	75	U	1	U	1	U	290	U		
Vinyl Chloride	75-01-4	3000	400	75	U	1	U	1	U	290	U		

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	14		16		16		18			
			Sample Location	SB35		SB27		SB44/MW4D		SB25			
			Sample ID	SB35-14-15~AA26216~~102		SB27-16-17~AA26210~~101702		S-052004-JR-140		SB25-18-19~AA26209~~101102			
			Risk Zone	I*		I*		I*		I*			
			Bottom Depth	15		17		16		19			
			Sample Date	10/21/2002		10/17/2002		5/20/2004		10/11/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1,1-Trichloroethane	71-55-6	1000000	40000	1	U	2	U	10	UJ	220	U		
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	1	U	2	U	10	UJ	220	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	2	U	10	UJ	220	U		
1,1,2-Trichloroethane	79-00-5	100000	1000	1	U	2	U	10	UJ	220	U		
1,1-Dichloroethane	75-34-3	1000000	14000	1	U	2	U	10	UJ	220	U		
1,1-Dichloroethene	75-35-4	9500	1400	1	U	2	U	10	UJ	220	U		
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U	2	U			220	U		
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	1	U	2	U	10	UJ	220	U		
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	1	U	2	U	10	UJ	220	U		
1,2-Dibromoethane	106-93-4	67	100	1	U	2	U	10	UJ	220	U		
1,2-Dichlorobenzene	95-50-1	1000000	3100	1	U	2	U	10	UJ	220	U		
1,2-Dichloroethane	107-06-2	63000	200	1	U	2	U	10	UJ	220	U		
1,2-Dichloropropane	78-87-5	84000	1000	1	U	2	U	10	UJ	220	U		
1,3-Dichlorobenzene	541-73-1	1000000	120000	1	U	2	U	10	UJ	220	U		
1,4-Dichlorobenzene	106-46-7	240000	15000	1	U	2	U	10	UJ	220	U		
1,4-Dioxane	123-91-1	--	--										
2-Butanone	78-93-3	1000000	80000	1	U	21		20	UJ	220	U		
2-Hexanone	591-78-6	--	--	1	U	2	U	20	UJ	220	U		
4-Methyl-2-Pentanone	108-10-1	1000000	14000	1	U	2	U	20	UJ	220	U		
Acetone	67-64-1	1000000	140000	5	J	38	J	45	UJ	220	U		
Benzene	71-43-2	200000	200	1	U	2	U	10	UJ	220	U		
Bromochloromethane	74-97-5	--	--	1	U	2	U			220	U		
Bromodichloromethane	75-27-4	92000	110	1	U	2	U	10	UJ	220	U		
Bromoform	75-25-2	720000	800	1	U	2	U	10	UJ	220	U		
Bromomethane	74-83-9	1000000	2000	1	U	2	U	10	UJ	220	U		
Carbon Disulfide	75-15-0	1000000	140000	1	U	12		10	UJ	220	U		
Carbon Tetrachloride	56-23-5	44000	1000	1	U	2	U	10	UJ	220	U		
Chlorobenzene	108-90-7	1000000	20000	1	U	2	U	10	UJ	220	U		
Chloroethane	75-00-3	--	--	1	U	2	U	10	UJ	220	U		
Chloroform	67-66-3	940000	1200	1	U	2	U	10	UJ	220	U		
Chloromethane	74-87-3	440000	540	1	U	2	U	10	UJ	220	U		
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	1	U	2	U	10	UJ	220	U		
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	2	U	10	UJ	220	U		
Cyclohexane	110-82-7	--	--										
Dibromochloromethane	124-48-1	68000	100	1	U	2	U	10	UJ	220	U		
Dichlorodifluoromethane	75-71-8	--	--	1	U	2	U	10	UJ	220	U		
Ethylbenzene	100-41-4	1000000	10100	1	U	2	U	10	UJ	220	U		
Isopropylbenzene	98-82-8	1000000	132000	1	U	15		10	UJ	220	U		

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	14		16		16		18			
			Sample Location	SB35		SB27		SB44/MW4D		SB25			
			Sample ID	SB35-14-15~AA26216~~102102		SB27-16-17~AA26210~~101702		S-052004-JR-140		SB25-18-19~AA26209~~101102			
			Risk Zone	I*		I*		I*		I*			
			Bottom Depth	15		17		16		19			
			Sample Date	10/21/2002		10/17/2002		5/20/2004		10/11/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
m,p-Xylene	179601-23-1	1000000	19500	2	U	3	U			440	U		
Methyl Acetate	79-20-9	--	--										
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	9	B	11	B	10	UJ	220	U		
Methylcyclohexane	108-87-2	--	--										
Methylene Chloride	75-09-2	760000	1000	1	U	2	U	10	UJ	220	U		
N-Propylbenzene	103-65-1	--	14000	1	U	2	U			220	U		
O-Xylene	95-47-6	1000000	19500	1	U	2				220	U		
Styrene	100-42-5	1000000	20000	1	U	2	U	10	UJ	220	U		
Tetrachloroethene	127-18-4	110000	1000	1	U	2	U	10	UJ	220	U		
Toluene	108-88-3	1000000	67000	1	U	1		10	UJ	220	U		
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	1	U	2	U	10	UJ	220	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	2	U	10	UJ	220	U		
Trichloroethene	79-01-6	520000	1000	1	U	2	U	10	UJ	220	U		
Trichlorofluoromethane	75-69-4	1000000	260000	1	U	2	U	10	UJ	220	U		
Vinyl Chloride	75-01-4	3000	400	1	U	2	U	10	UJ	220	U		

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.	
			Top Depth	18		25		0		4		2.5		4.5	
			Sample Location	SB31		SB44/MW4D		SS18		SB194		SB45		SB45	
			Sample ID	SB31-18-19~AA26208~~101002		S-052004-JR-141		SS-018~AA26583~~103102		80018-SB194-0410-0311		S-051404-JR-024		S-051404-JR-022	
			Risk Zone	I*		I*		H*		H*		H*		H*	
			Bottom Depth	19		25		0.25		9		2.5		4.5	
			Sample Date	10/10/2002		5/20/2004		10/31/2002		3/29/2011		5/14/2004		5/14/2004	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	µg/Kg		µg/Kg		µg/Kg		ug/kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	1	U	940	U	1	U	7.5	U	7	UJ	930	U
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	1	U	940	U	1	U	7.5	U		R	930	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	940	U	1	U	7.5	U	7	UJ	930	U
1,1,2-Trichloroethane	79-00-5	100000	1000	1	U	940	U	1	U	7.5	U	7	UJ	930	U
1,1-Dichloroethane	75-34-3	1000000	14000	1	U	940	U	1	U	7.5	U	7	UJ	930	U
1,1-Dichloroethene	75-35-4	9500	1400	1	U	940	U	1	U	7.5	U	7	UJ	930	U
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U			1	U	7.5	U				
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	1	U	940	UJ	1	U	7.5	U		R	930	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	1	U	940	U	1	U	7.5	U		R	930	UJ
1,2-Dibromoethane	106-93-4	67	100	1	U	940	U	1	U	7.5	U	7	UJ	930	U
1,2-Dichlorobenzene	95-50-1	1000000	3100	1	U	940	U	1	U	7.5	U		R	930	U
1,2-Dichloroethane	107-06-2	63000	200	1	U	940	U	1	U	7.5	U	7	UJ	930	U
1,2-Dichloropropane	78-87-5	84000	1000	1	U	940	U	1	U	7.5	U	7	UJ	930	U
1,3-Dichlorobenzene	541-73-1	1000000	120000	1	U	940	U	1	U	7.5	U		R	930	U
1,4-Dichlorobenzene	106-46-7	240000	15000	1	U	940	U	1	U	7.5	U		R	930	U
1,4-Dioxane	123-91-1	--	--							150	U				
2-Butanone	78-93-3	1000000	80000	1	J	940	U	1	U	15	U	13	UJ	930	UJ
2-Hexanone	591-78-6	--	--	1	U	940	U	1	U	15	U	13	UJ	930	UJ
4-Methyl-2-Pentanone	108-10-1	1000000	14000	1	U	940	U	1	U	15	U	13	UJ	930	U
Acetone	67-64-1	1000000	140000	35	J	2300	U	3	J	15	U	17	UJ	2300	U
Benzene	71-43-2	200000	200	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Bromochloromethane	74-97-5	--	--	1	U			1	U	7.5	U				
Bromodichloromethane	75-27-4	92000	110	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Bromoform	75-25-2	720000	800	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Bromomethane	74-83-9	1000000	2000	1	U	940	UJ	1	U	7.5	U	7	UJ	930	UJ
Carbon Disulfide	75-15-0	1000000	140000	1	U	940	U	1	U	7.5	U	1	J	930	U
Carbon Tetrachloride	56-23-5	44000	1000	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Chlorobenzene	108-90-7	1000000	20000	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Chloroethane	75-00-3	--	--	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Chloroform	67-66-3	940000	1200	1		940	U	1	U	7.5	U	4	J	260	J
Chloromethane	74-87-3	440000	540	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	1	U	940	U	1	U	1.3	J	7	UJ	150	J
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Cyclohexane	110-82-7	--	--							7.5	U				
Dibromochloromethane	124-48-1	68000	100	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Dichlorodifluoromethane	75-71-8	--	--	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Ethylbenzene	100-41-4	1000000	10100	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Isopropylbenzene	98-82-8	1000000	132000	1	U	940	U	1	U	7.5	U		R	930	U

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.	
			Top Depth	18		25		0		4		2.5		4.5	
			Sample Location	SB31		SB44/MW4D		SS18		SB194		SB45		SB45	
			Sample ID	SB31-18-19~AA26208~~101002		S-052004-JR-141		SS-018~AA26583~~103102		80018-SB194-0410-0311		S-051404-JR-024		S-051404-JR-022	
			Risk Zone	I*		I*		H*		H*		H*		H*	
			Bottom Depth	19		25		0.25		9		2.5		4.5	
			Sample Date	10/10/2002		5/20/2004		10/31/2002		3/29/2011		5/14/2004		5/14/2004	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	µg/Kg		µg/Kg		µg/Kg		ug/kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
m,p-Xylene	179601-23-1	1000000	19500	2	U			2	U	7.5	U				
Methyl Acetate	79-20-9	--	--							7.5	U				
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	1	U	940	U	8	B	7.5	U	7	UJ	930	U
Methylcyclohexane	108-87-2	--	--							7.5	U				
Methylene Chloride	75-09-2	760000	1000	8	B	940	U	1	U	1.5	JB	7	UJ	930	U
N-Propylbenzene	103-65-1	--	14000	1	U			1	U						
O-Xylene	95-47-6	1000000	19500	1	U			1	U	7.5	U				
Styrene	100-42-5	1000000	20000	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Tetrachloroethene	127-18-4	110000	1000	1	U	940	U	1	U	6.3	J	1	J	**1000**	
Toluene	108-88-3	1000000	67000	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Trichloroethene	79-01-6	520000	1000	1	U	940	U	1	U	220		85	J	**21000**	
Trichlorofluoromethane	75-69-4	1000000	260000	1	U	940	U	1	U	7.5	U	7	UJ	930	U
Vinyl Chloride	75-01-4	3000	400	1	U	940	U	1	U	7.5	U	7	UJ	930	U

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Commercial/Industrial Soil Scenario;May 2010
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	55 Store Ave.		77 Store Ave.		77 Store Ave.		77 Store Ave.		87 Store Ave.	
			Top Depth	12		0		9		15		0	
			Sample Location	SB45		SS16		SB147		SB148		SS10	
			Sample ID	S-051404-JR-026		SS-016~AA26625~~110102		80018-SB147-0911		80018-SB148-1517		SS-010~AA26566~~103102	
			Risk Zone	H*		H*		H*		H*		H*	
			Bottom Depth	12		0.25		11		17		0.25	
			Sample Date	5/14/2004		11/1/2002		10/29/2008		10/29/2008		10/31/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	12	UJ	1	U	960	U	700	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	29000	100		R	1	U	960	U	700	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	12	UJ	1	U	960	U	700	U	1	U
1,1,2-Trichloroethane	79-00-5	100000	1000	12	UJ	1	U	960	U	700	U	1	U
1,1-Dichloroethane	75-34-3	1000000	14000	12	UJ	1	U	960	U	700	U	1	U
1,1-Dichloroethene	75-35-4	9500	1400	12	UJ	1	U	960	U	700	U	1	U
1,2,3-Trichlorobenzene	87-61-6	--	--			5	U	960	U	700	U	1	U
1,2,4-Trichlorobenzene	120-82-1	2500000	14000		R	1	J	960	U	700	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--		R	1	U	960	U	700	U	1	U
1,2-Dibromoethane	106-93-4	67	100	12	UJ	1	U	960	U	700	U	1	U
1,2-Dichlorobenzene	95-50-1	1000000	3100		R	1	U	960	U	700	U	1	U
1,2-Dichloroethane	107-06-2	63000	200	12	UJ	1	U	960	U	700	U	1	U
1,2-Dichloropropane	78-87-5	84000	1000	12	UJ	1	U	960	U	700	U	1	U
1,3-Dichlorobenzene	541-73-1	1000000	120000		R	1	U	960	U	700	U	1	U
1,4-Dichlorobenzene	106-46-7	240000	15000		R	1	U	960	U	700	U	1	U
1,4-Dioxane	123-91-1	--	--					19000	U	14000	U		
2-Butanone	78-93-3	1000000	80000	25	UJ	41	J	1900	U	1400	U	1	U
2-Hexanone	591-78-6	--	--	25	UJ	1	U	1900	U	1400	U	1	U
4-Methyl-2-Pentanone	108-10-1	1000000	14000	25	UJ	1	U	1900	U	1400	U	1	U
Acetone	67-64-1	1000000	140000	25	UJ	7	J	1900	U	1400	U	7	J
Benzene	71-43-2	200000	200	12	UJ	1	U	960	U	700	U	1	U
Bromochloromethane	74-97-5	--	--			1	U	960	U	700	U	1	U
Bromodichloromethane	75-27-4	92000	110	12	UJ	1	U	960	U	700	U	1	U
Bromoform	75-25-2	720000	800	12	UJ	1	U	960	U	700	U	1	U
Bromomethane	74-83-9	1000000	2000	12	UJ	5	U	960	U	700	U	1	U
Carbon Disulfide	75-15-0	1000000	140000	4	J	1	U	960	U	700	U	1	U
Carbon Tetrachloride	56-23-5	44000	1000	12	UJ	1	U	960	U	700	U	1	U
Chlorobenzene	108-90-7	1000000	20000	12	UJ	1	U	960	U	700	U	1	U
Chloroethane	75-00-3	--	--	12	UJ	1	U	960	U	700	U	1	U
Chloroform	67-66-3	940000	1200	12	UJ	1	U	960	U	700	U	1	U
Chloromethane	74-87-3	440000	540	12	UJ	1	U	960	U	700	U	1	U
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	12	UJ	1	U	960	U	700	U	1	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	12	UJ	1	U	960	U	700	U	1	U
Cyclohexane	110-82-7	--	--					960	U	700	U		
Dibromochloromethane	124-48-1	68000	100	12	UJ	1	U	960	U	700	U	1	U
Dichlorodifluoromethane	75-71-8	--	--	12	UJ	1	U	960	U	700	U	1	U
Ethylbenzene	100-41-4	1000000	10100	12	UJ	1	U	960	U	700	U	1	U
Isopropylbenzene	98-82-8	1000000	132000		R	1	U	960	U	200	J	1	U

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	55 Store Ave.		77 Store Ave.		77 Store Ave.		77 Store Ave.		87 Store Ave.			
			Top Depth	12		0		9		15		0			
			Sample Location	SB45		SS16		SB147		SB148		SS10			
			Sample ID	S-051404-JR-026		SS-016~AA26625~~110102		80018-SB147-0911		80018-SB148-1517		SS-010~AA26566~~103102			
			Risk Zone	H*		H*		H*		H*		H*			
			Bottom Depth	12		0.25		11		17		0.25			
			Sample Date	5/14/2004		11/1/2002		10/29/2008		10/29/2008		10/31/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
m,p-Xylene	179601-23-1	1000000	19500			2	U	960	U	700	U	2	U		
Methyl Acetate	79-20-9	--	--					350	J	190	J				
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	3	J	5		960	U	700	U	8	B		
Methylcyclohexane	108-87-2	--	--					960	U	700	U				
Methylene Chloride	75-09-2	760000	1000	12	UJ	1	U	960	U	700	U	1	U		
N-Propylbenzene	103-65-1	--	14000			1	U					1	U		
O-Xylene	95-47-6	1000000	19500			1	U	960	U	700	U	1	U		
Styrene	100-42-5	1000000	20000	12	UJ	1	U	960	U	700	U	1	U		
Tetrachloroethene	127-18-4	110000	1000	12	UJ	1	U	960	U	700	U	1	U		
Toluene	108-88-3	1000000	67000	12	UJ	1	U	960	U	700	U	1	U		
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	12	UJ	1	U	960	U	700	U	1	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	12	UJ	1	U	960	U	700	U	1	U		
Trichloroethene	79-01-6	520000	1000	12	UJ	1	U	960	U	700	U	1	U		
Trichlorofluoromethane	75-69-4	1000000	260000	12	UJ	1	U	960	U	700	U	1	U		
Vinyl Chloride	75-01-4	3000	400	12	UJ	1	U	960	U	700	U	1	U		

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
			Top Depth	0		4		1		4.5		8	
			Sample Location	SS19		SB193		SB47		SB47		SB20	
			Sample ID	SS-019~AA26584~~103102		80018-SB193-0410-0311		S-051904-JR-124		S-051904-JR-125		SB20-08-09~AA26207~~100902	
			Risk Zone	H*		H*		H*		H*		H*	
			Bottom Depth	0.25		9		1		4.5		9	
			Sample Date	10/31/2002		3/30/2011		5/19/2004		5/19/2004		10/9/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	µg/Kg		ug/kg		µg/Kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	1	U	5.2	U		R	14	UJ	2	U
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	1	U	5.2	U		R		R	2	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	5.2	U		R	14	UJ	2	U
1,1,2-Trichloroethane	79-00-5	100000	1000	1	U	5.2	U		R	14	UJ	2	U
1,1-Dichloroethane	75-34-3	1000000	14000	1	U	5.2	U		R	14	UJ	2	U
1,1-Dichloroethene	75-35-4	9500	1400	1	U	5.2	U		R	14	UJ	2	U
1,2,3-Trichlorobenzene	87-61-6	--	--	1	U	5.2	U					2	U
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	1	U	5.2	U		R		R	2	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	1	U	5.2	U		R		R	2	U
1,2-Dibromoethane	106-93-4	67	100	1	U	5.2	U		R	14	UJ	2	U
1,2-Dichlorobenzene	95-50-1	1000000	3100	1	U	5.2	U		R		R	2	U
1,2-Dichloroethane	107-06-2	63000	200	1	U	5.2	U		R	14	UJ	2	U
1,2-Dichloropropane	78-87-5	84000	1000	1	U	5.2	U		R	14	UJ	2	U
1,3-Dichlorobenzene	541-73-1	1000000	120000	1	U	5.2	U		R		R	2	U
1,4-Dichlorobenzene	106-46-7	240000	15000	1	U	5.2	U		R		R	2	U
1,4-Dioxane	123-91-1	--	--			100	U						
2-Butanone	78-93-3	1000000	80000	1	U	10	U		R	28	UJ	2	U
2-Hexanone	591-78-6	--	--	1	U	10	U		R	28	UJ	2	U
4-Methyl-2-Pentanone	108-10-1	1000000	14000	1	U	10	U		R	28	UJ	2	U
Acetone	67-64-1	1000000	140000	2	J	11	B		R	28	UJ	11	J
Benzene	71-43-2	200000	200	1	U	5.2	U		R	14	UJ	2	U
Bromochloromethane	74-97-5	--	--	1	U	5.2	U					2	U
Bromodichloromethane	75-27-4	92000	110	1	U	5.2	U		R	14	UJ	2	U
Bromoform	75-25-2	720000	800	1	U	5.2	U		R	14	UJ	2	U
Bromomethane	74-83-9	1000000	2000	1	U	5.2	U		R	14	UJ	2	U
Carbon Disulfide	75-15-0	1000000	140000	1	U	1.7	J		R	14	UJ	2	U
Carbon Tetrachloride	56-23-5	44000	1000	1	U	5.2	U		R	14	UJ	2	U
Chlorobenzene	108-90-7	1000000	20000	1	U	5.2	U		R	14	UJ	2	U
Chloroethane	75-00-3	--	--	1	U	5.2	U		R	14	UJ	2	U
Chloroform	67-66-3	940000	1200	1	U	5.2	U		R	14	UJ	2	U
Chloromethane	74-87-3	440000	540	1	U	5.2	U		R	14	UJ	2	U
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	1	U	5.2	U		R	14	UJ	2	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	5.2	U		R	14	UJ	2	U
Cyclohexane	110-82-7	--	--			5.2	U						
Dibromochloromethane	124-48-1	68000	100	1	U	5.2	U		R	14	UJ	2	U
Dichlorodifluoromethane	75-71-8	--	--	1	U	5.2	U		R	14	UJ	2	U
Ethylbenzene	100-41-4	1000000	10100	1	U	5.2	U		R	14	UJ	2	U
Isopropylbenzene	98-82-8	1000000	132000	1	U	5.2	U		R		R	2	U

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.			
			Top Depth	0		4		1		4.5		8			
			Sample Location	SS19		SB193		SB47		SB47		SB20			
			Sample ID	SS-019~AA26584~~103102		80018-SB193-0410-0311		S-051904-JR-124		S-051904-JR-125		SB20-08-09~AA26207~~100902			
			Risk Zone	H*		H*		H*		H*		H*			
			Bottom Depth	0.25		9		1		4.5		9			
			Sample Date	10/31/2002		3/30/2011		5/19/2004		5/19/2004		10/9/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	µg/Kg		ug/kg		µg/Kg		µg/Kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
m,p-Xylene	179601-23-1	1000000	19500	2	U	5.2	U					4	U		
Methyl Acetate	79-20-9	--	--			5.2	U								
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	9	B	5.2	U		R	14	UJ	2	U		
Methylcyclohexane	108-87-2	--	--			5.2	U								
Methylene Chloride	75-09-2	760000	1000	1	U	1.2	JB		R	12	J	10	B		
N-Propylbenzene	103-65-1	--	14000	1	U							2	U		
O-Xylene	95-47-6	1000000	19500	1	U	5.2	U					2	U		
Styrene	100-42-5	1000000	20000	1	U	5.2	U		R	14	UJ	2	U		
Tetrachloroethene	127-18-4	110000	1000	1	U	5.2	U		R	14	UJ	2	U		
Toluene	108-88-3	1000000	67000	1	U	5.2	U		R	14	UJ	2	U		
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	1	U	5.2	U		R	14	UJ	2	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	5.2	U		R	14	UJ	2	U		
Trichloroethene	79-01-6	520000	1000	1	U	5.2	U		R	4	J	2	U		
Trichlorofluoromethane	75-69-4	1000000	260000	1	U	5.2	U		R	5	J	2	U		
Vinyl Chloride	75-01-4	3000	400	1	U	5.2	U		R	14	UJ	2	U		

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		Meriden Rd.	
			Top Depth	11.5		14		15		17.5		23		0	
			Sample Location	SB47		SB20		SB149		SB47		SB47		SS118	
			Sample ID	S-051904-JR-126		SB20-14-15~AA26205~~100902		80018-SB149-1517		S-051904-JR-130		S-051904-JR-131		80018-SS118-0002	
			Risk Zone	H*		H*		H*		H*		H*		D3*	
			Bottom Depth	11.5		15		17		17.5		23		2	
			Sample Date	5/19/2004		10/9/2002		10/27/2008		5/19/2004		5/19/2004		10/22/2008	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,1,2-Trichloroethane	79-00-5	100000	1000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,1-Dichloroethane	75-34-3	1000000	14000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,1-Dichloroethene	75-35-4	9500	1400	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,2,3-Trichlorobenzene	87-61-6	--	--			2	U	530	U					280	U
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,2-Dibromoethane	106-93-4	67	100	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,2-Dichlorobenzene	95-50-1	1000000	3100	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,2-Dichloroethane	107-06-2	63000	200	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,2-Dichloropropane	78-87-5	84000	1000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,3-Dichlorobenzene	541-73-1	1000000	120000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,4-Dichlorobenzene	106-46-7	240000	15000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
1,4-Dioxane	123-91-1	--	--						R						R
2-Butanone	78-93-3	1000000	80000	1300	U	25		1100	U	180	J	11	UJ	560	U
2-Hexanone	591-78-6	--	--	1300	U	2	U	1100	U	66	UJ	11	UJ	560	U
4-Methyl-2-Pentanone	108-10-1	1000000	14000	1300	U	2	U	1100	U	66	UJ	11	UJ	560	U
Acetone	67-64-1	1000000	140000	3300	U	61	J	1100	U	270	J	12	UJ	560	U
Benzene	71-43-2	200000	200	1300	U	2	U	530	U	16	J	5	UJ	280	U
Bromochloromethane	74-97-5	--	--			2	U	530	U					280	U
Bromodichloromethane	75-27-4	92000	110	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Bromoform	75-25-2	720000	800	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Bromomethane	74-83-9	1000000	2000	1300	UJ	2	U	530	U	33	UJ	5	UJ	280	UJ
Carbon Disulfide	75-15-0	1000000	140000	1300	U	7		530	U	8	J	2	J	280	U
Carbon Tetrachloride	56-23-5	44000	1000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Chlorobenzene	108-90-7	1000000	20000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Chloroethane	75-00-3	--	--	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Chloroform	67-66-3	940000	1200	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Chloromethane	74-87-3	440000	540	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	1300	U	2	U	530	U	13	J	5	UJ	280	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Cyclohexane	110-82-7	--	--					530	U					280	U
Dibromochloromethane	124-48-1	68000	100	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Dichlorodifluoromethane	75-71-8	--	--	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Ethylbenzene	100-41-4	1000000	10100	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Isopropylbenzene	98-82-8	1000000	132000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		Meriden Rd.	
			Top Depth	11.5		14		15		17.5		23		0	
			Sample Location	SB47		SB20		SB149		SB47		SB47		SS118	
			Sample ID	S-051904-JR-126		SB20-14-15~AA26205~~100902		80018-SB149-1517		S-051904-JR-130		S-051904-JR-131		80018-SS118-0002	
			Risk Zone	H*		H*		H*		H*		H*		D3*	
			Bottom Depth	11.5		15		17		17.5		23		2	
			Sample Date	5/19/2004		10/9/2002		10/27/2008		5/19/2004		5/19/2004		10/22/2008	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
m,p-Xylene	179601-23-1	1000000	19500			3	U	530	U					280	U
Methyl Acetate	79-20-9	--	--					160	J					280	U
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	210	J	10	B	530	U	820	J	9	J	280	U
Methylcyclohexane	108-87-2	--	--					530	U					280	U
Methylene Chloride	75-09-2	760000	1000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
N-Propylbenzene	103-65-1	--	14000			2	U								
O-Xylene	95-47-6	1000000	19500			2	U	530	U					280	U
Styrene	100-42-5	1000000	20000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Tetrachloroethene	127-18-4	110000	1000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Toluene	108-88-3	1000000	67000	1300	U	2	U	530	U	42	J	5	UJ	280	U
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Trichloroethene	79-01-6	520000	1000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Trichlorofluoromethane	75-69-4	1000000	260000	1300	U	2	U	530	U	33	UJ	5	UJ	280	U
Vinyl Chloride	75-01-4	3000	400	1300	U	2	U	530	U	20	J	3	J	280	U

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.	
			Top Depth	5		0		0		4		3	
			Sample Location	SB128		SS38		SS38		SB200		SB38	
			Sample ID	80018-SB128-0507		S-052004-DK-145		S-052004-DK-150		80018-SB200-0410-0311		S-051204-JR-017	
			Risk Zone	D3*		D3*		D3*		D3*		D3*	
			Bottom Depth	7		0.5		0.5		9		3	
			Sample Date	10/22/2008		5/20/2004		5/20/2004		3/28/2011		5/12/2004	
			Sample Type	N		N		FD		N		N	
			Field Duplicate Parent					S-052004-DK-145					
			Unit	µg/Kg		µg/Kg		µg/Kg		ug/kg		µg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1000000	40000	330	U	7	UJ	7	UJ	6.1	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	29000	100	330	U	7	UJ	7	UJ	6.1	U		R
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	330	U	7	UJ	7	UJ	6.1	U	5	U
1,1,2-Trichloroethane	79-00-5	100000	1000	330	U	7	UJ	7	UJ	6.1	U	5	U
1,1-Dichloroethane	75-34-3	1000000	14000	330	U	7	UJ	7	UJ	6.1	U	5	U
1,1-Dichloroethene	75-35-4	9500	1400	330	U	7	UJ	7	UJ	6.1	U	5	U
1,2,3-Trichlorobenzene	87-61-6	--	--	330	U					6.1	U		
1,2,4-Trichlorobenzene	120-82-1	2500000	14000	330	U	7	UJ	7	UJ	6.1	U		R
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	330	U	7	UJ	7	UJ	6.1	U		R
1,2-Dibromoethane	106-93-4	67	100	330	U	7	UJ	7	UJ	6.1	U	5	U
1,2-Dichlorobenzene	95-50-1	1000000	3100	330	U	7	UJ	7	UJ	6.1	U		R
1,2-Dichloroethane	107-06-2	63000	200	330	U	7	UJ	7	UJ	6.1	U	5	U
1,2-Dichloropropane	78-87-5	84000	1000	330	U	7	UJ	7	UJ	6.1	U	5	U
1,3-Dichlorobenzene	541-73-1	1000000	120000	330	U	7	UJ	7	UJ	6.1	U		R
1,4-Dichlorobenzene	106-46-7	240000	15000	330	U	7	UJ	7	UJ	6.1	U		R
1,4-Dioxane	123-91-1	--	--		R					120	U		
2-Butanone	78-93-3	1000000	80000	670	U	13	UJ	14	UJ	12	U	11	U
2-Hexanone	591-78-6	--	--	670	U	13	UJ	14	UJ	12	U	11	UJ
4-Methyl-2-Pentanone	108-10-1	1000000	14000	670	U	13	UJ	14	UJ	12	U	11	UJ
Acetone	67-64-1	1000000	140000	670	U	13	UJ	14	UJ	12	U	11	UJ
Benzene	71-43-2	200000	200	330	U	7	UJ	7	UJ	6.1	U	5	U
Bromochloromethane	74-97-5	--	--	330	U					6.1	U		
Bromodichloromethane	75-27-4	92000	110	330	U	7	UJ	7	UJ	6.1	U	5	U
Bromoform	75-25-2	720000	800	330	U	7	UJ	7	UJ	6.1	U	5	UJ
Bromomethane	74-83-9	1000000	2000	330	UJ	7	UJ	7	UJ	6.1	U	5	U
Carbon Disulfide	75-15-0	1000000	140000	330	U	7	UJ	7	UJ	6.1	U	5	U
Carbon Tetrachloride	56-23-5	44000	1000	330	U	7	UJ	7	UJ	6.1	U	5	U
Chlorobenzene	108-90-7	1000000	20000	330	U	7	UJ	7	UJ	6.1	U	5	U
Chloroethane	75-00-3	--	--	330	U	7	UJ	7	UJ	6.1	U	5	UJ
Chloroform	67-66-3	940000	1200	330	U	7	UJ	7	UJ	6.1	U	5	U
Chloromethane	74-87-3	440000	540	330	U	7	UJ	7	UJ	6.1	U	5	U
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	330	U	7	UJ	7	UJ	6.1	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	330	U	7	UJ	7	UJ	6.1	U	5	U
Cyclohexane	110-82-7	--	--	330	U					6.1	U		
Dibromochloromethane	124-48-1	68000	100	330	U	7	UJ	7	UJ	6.1	U	5	UJ
Dichlorodifluoromethane	75-71-8	--	--	330	U	7	UJ	7	UJ	6.1	U	5	U
Ethylbenzene	100-41-4	1000000	10100	330	U	7	UJ	7	UJ	6.1	U	5	U
Isopropylbenzene	98-82-8	1000000	132000	330	U	7	UJ	7	UJ	6.1	U		R

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.			
			Top Depth	5		0		0		4		3			
			Sample Location	SB128		SS38		SS38		SB200		SB38			
			Sample ID	80018-SB128-0507		S-052004-DK-145		S-052004-DK-150		80018-SB200-0410-0311		S-051204-JR-017			
			Risk Zone	D3*		D3*		D3*		D3*		D3*			
			Bottom Depth	7		0.5		0.5		9		3			
			Sample Date	10/22/2008		5/20/2004		5/20/2004		3/28/2011		5/12/2004			
			Sample Type	N		N		FD		N		N			
			Field Duplicate Parent					S-052004-DK-145							
			Unit	µg/Kg		µg/Kg		µg/Kg		ug/kg		µg/Kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
m,p-Xylene	179601-23-1	1000000	19500	330	U					6.1	U				
Methyl Acetate	79-20-9	--	--	540						6.1	U				
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	330	U	7	UJ	7	UJ	6.1	U	5	U		
Methylcyclohexane	108-87-2	--	--	330	U					6.1	U				
Methylene Chloride	75-09-2	760000	1000	330	U	7	UJ	7	UJ	3.4	JB	5	UJ		
N-Propylbenzene	103-65-1	--	14000												
O-Xylene	95-47-6	1000000	19500	330	U					6.1	U				
Styrene	100-42-5	1000000	20000	330	U	7	UJ	7	UJ	6.1	U	5	U		
Tetrachloroethene	127-18-4	110000	1000	330	U	7	UJ	7	UJ	6.1	U	1	J		
Toluene	108-88-3	1000000	67000	330	U	7	UJ	7	UJ	6.1	U	5	UJ		
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	330	U	7	UJ	7	UJ	6.1	U	5	U		
Trans-1,3-Dichloropropene	10061-02-6	--	--	330	U	7	UJ	7	UJ	6.1	U	5	U		
Trichloroethene	79-01-6	520000	1000	330	U	7	UJ	7	UJ	6.1	U	5	U		
Trichlorofluoromethane	75-69-4	1000000	260000	330	U	7	UJ	7	UJ	6.1	U	5	U		
Vinyl Chloride	75-01-4	3000	400	330	U	7	UJ	7	UJ	6.1	U	5	U		

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		
			Top Depth	8		13		17		
			Sample Location	SB38		SB38		SB38		
			Sample ID	S-051204-JR-019		S-051204-JR-021		S-051204-JR-023		
			Risk Zone	D3*		D3*		D3*		
			Bottom Depth	8		13		17		
			Sample Date	5/12/2004		5/12/2004		5/12/2004		
			Sample Type	N		N		N		
			Field Duplicate Parent							
			Unit	µg/Kg		µg/Kg		µg/Kg		
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
1,1,1-Trichloroethane	71-55-6	1000000	40000	11	UJ	11	UJ	9	UJ	
1,1,2,2-Tetrachloroethane	79-34-5	29000	100		R		R		R	
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	11	UJ	11	UJ	9	UJ	
1,1,2-Trichloroethane	79-00-5	100000	1000	11	UJ	11	UJ	9	UJ	
1,1-Dichloroethane	75-34-3	1000000	14000	11	UJ	11	UJ	9	UJ	
1,1-Dichloroethene	75-35-4	9500	1400	11	UJ	11	UJ	9	UJ	
1,2,3-Trichlorobenzene	87-61-6	--	--							
1,2,4-Trichlorobenzene	120-82-1	2500000	14000		R		R		R	
1,2-Dibromo-3-Chloropropane	96-12-8	--	--		R		R		R	
1,2-Dibromoethane	106-93-4	67	100		R		R	9	UJ	
1,2-Dichlorobenzene	95-50-1	1000000	3100		R		R		R	
1,2-Dichloroethane	107-06-2	63000	200	11	UJ	11	UJ	9	UJ	
1,2-Dichloropropane	78-87-5	84000	1000	11	UJ	11	UJ	9	UJ	
1,3-Dichlorobenzene	541-73-1	1000000	120000		R		R		R	
1,4-Dichlorobenzene	106-46-7	240000	15000		R		R		R	
1,4-Dioxane	123-91-1	--	--							
2-Butanone	78-93-3	1000000	80000	23	UJ	23	UJ	17	UJ	
2-Hexanone	591-78-6	--	--		R		R	17	UJ	
4-Methyl-2-Pentanone	108-10-1	1000000	14000		R		R	17	UJ	
Acetone	67-64-1	1000000	140000	23	UJ	23	UJ	17	UJ	
Benzene	71-43-2	200000	200	11	UJ	11	UJ	9	UJ	
Bromochloromethane	74-97-5	--	--							
Bromodichloromethane	75-27-4	92000	110	11	UJ	11	UJ	9	UJ	
Bromoform	75-25-2	720000	800		R		R	9	UJ	
Bromomethane	74-83-9	1000000	2000	11	UJ	11	UJ	9	UJ	
Carbon Disulfide	75-15-0	1000000	140000	11	UJ	11	UJ	9	UJ	
Carbon Tetrachloride	56-23-5	44000	1000	11	UJ	11	UJ	9	UJ	
Chlorobenzene	108-90-7	1000000	20000		R		R	9	UJ	
Chloroethane	75-00-3	--	--	11	UJ	11	UJ	9	UJ	
Chloroform	67-66-3	940000	1200	11	UJ	11	UJ	9	UJ	
Chloromethane	74-87-3	440000	540	11	UJ	11	UJ	9	UJ	
Cis-1,2-Dichloroethene	156-59-2	1000000	14000	11	UJ	11	UJ	9	UJ	
Cis-1,3-Dichloropropene	10061-01-5	--	--	11	UJ	11	UJ	9	UJ	
Cyclohexane	110-82-7	--	--							
Dibromochloromethane	124-48-1	68000	100		R		R	9	UJ	
Dichlorodifluoromethane	75-71-8	--	--	11	UJ	11	UJ	9	UJ	
Ethylbenzene	100-41-4	1000000	10100		R		R	9	UJ	
Isopropylbenzene	98-82-8	1000000	132000		R		R		R	

Appendix G
Analytical Data Summary
VOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		
			Top Depth	8		13		17		
			Sample Location	SB38		SB38		SB38		
			Sample ID	S-051204-JR-019		S-051204-JR-021		S-051204-JR-023		
			Risk Zone	D3*		D3*		D3*		
			Bottom Depth	8		13		17		
			Sample Date	5/12/2004		5/12/2004		5/12/2004		
			Sample Type	N		N		N		
			Field Duplicate Parent							
			Unit	µg/Kg		µg/Kg		µg/Kg		
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
m,p-Xylene	179601-23-1	1000000	19500							
Methyl Acetate	79-20-9	--	--							
Methyl Tert-Butyl Ether	1634-04-4	1000000	20000	11	UJ	11	UJ	9	UJ	
Methylcyclohexane	108-87-2	--	--							
Methylene Chloride	75-09-2	760000	1000	11	UJ	11	UJ	9	UJ	
N-Propylbenzene	103-65-1	--	14000							
O-Xylene	95-47-6	1000000	19500							
Styrene	100-42-5	1000000	20000		R		R	9	UJ	
Tetrachloroethene	127-18-4	110000	1000	9	J	9	J	9	UJ	
Toluene	108-88-3	1000000	67000		R		R	9	UJ	
Trans-1,2-Dichloroethene	156-60-5	1000000	20000	11	UJ	11	UJ	9	UJ	
Trans-1,3-Dichloropropene	10061-02-6	--	--	11	UJ	11	UJ	9	UJ	
Trichloroethene	79-01-6	520000	1000	11	UJ	11	UJ	9	UJ	
Trichlorofluoromethane	75-69-4	1000000	260000	11	UJ	11	UJ	9	UJ	
Vinyl Chloride	75-01-4	3000	400	11	UJ	11	UJ	9	UJ	

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Commercial/Industrial Soil Scenario;May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Crite
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SPLP VOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	4		4		4		4		4	
		Sample Location	SB187		SB188		SB189		SB189		SB190	
		Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		80018-DUP02-0410-0311		80018-SB189-0410-0311		80018-SB190-0410-0311	
		Risk Zone	J*		J*		E1*		E1*		E1*	
		Bottom Depth	10		10		10		10		9	
		Sample Date	4/4/2011		4/4/2011		4/4/2011		4/4/2011		3/31/2011	
		Sample Type	N		N		FD		N		N	
		Field Duplicate Parent					80018-SB189-0410-0311					
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	2000	0.5	U	0.5	U	0.42	JB	0.5	U	0.51	B
1,1,2,2-Tetrachloroethane	79-34-5	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	200000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	700	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	75-35-4	70	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	120-82-1	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromoethane	106-93-4	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	6000	0.31	JB	0.37	JB	0.45	JB	0.5	U	0.5	U
1,2-Dichloroethane	107-06-2	10	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	541-73-1	6000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	750	0.38	JB	0.48	JB	0.58	B	0.5	U	0.5	U
2-Butanone	78-93-3	4000	1.9	JB	1.5	JB	5	U	5	U	5	U
2-Hexanone	591-78-6	--	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	3500	5	U	5	U	5	U	5	U	5	U
Acetone	67-64-1	7000	8.7	B	5.2	B	3.3	JB	5	U	7.5	B
Benzene	71-43-2	10	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	75-27-4	5.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	40	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	74-83-9	98	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	75-15-0	7000	1.1		0.5	U	0.5	U	0.5	U	0.55	
Carbon Tetrachloride	56-23-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	1000	5.3	B	5.8	B	7.3	B	0.5	U	1.2	
Chloroethane	75-00-3	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	67-66-3	60	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane	74-87-3	27	1.1	B	1.2	B	1.4	B	0.5	U	0.5	U
Cis-1,2-Dichloroethene	156-59-2	700	0.5	U	0.38	J	1.3		4.3		0.35	J
Cis-1,3-Dichloropropene	10061-01-5	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	124-48-1	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	100-41-4	7000	0.091	J	0.5	U	0.5	U	0.33	J	0.5	U
Isopropylbenzene	98-82-8	300	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m,p-Xylene	179601-23-1	--	0.42	JB	0.1	JB	0.5	U	1.5	B	0.17	JB

Appendix G
Analytical Data Summary
SPLP VOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	4		4		4		4		4	
		Sample Location	SB187		SB188		SB189		SB189		SB190	
		Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		80018-DUP02-0410-0311		80018-SB189-0410-0311		80018-SB190-0410-0311	
		Risk Zone	J*		J*		E1*		E1*		E1*	
		Bottom Depth	10		10		10		10		9	
		Sample Date	4/4/2011		4/4/2011		4/4/2011		4/4/2011		3/31/2011	
		Sample Type	N		N		FD		N		N	
		Field Duplicate Parent					80018-SB189-0410-0311					
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl Tert-Butyl Ether	1634-04-4	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylcyclohexane	108-87-2	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene Chloride	75-09-2	50	1.4	B	1.7	B	1.9	B	1.1	B	0.86	B
O-Xylene	95-47-6	--	0.16	J	0.5	U	0.5	U	0.59		0.5	U
Styrene	100-42-5	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	50	0.5	U	4.3		0.71		0.51		0.067	J
Toluene	108-88-3	10000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,2-Dichloroethene	156-60-5	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,3-Dichloropropene	10061-02-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	79-01-6	50	0.5	U	0.74	B	0.86	B	1.3	B	0.42	JB
Trichlorofluoromethane	75-69-4	13000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	75-01-4	20	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP VOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	119 Store Ave.		120 Store Ave.		136 Store Ave.		136 Store Ave.		17 Dunbar St.	
		Top Depth	4		4		4		4		4	
		Sample Location	SB208		SB204		SB205		SB206		SB192	
		Sample ID	80018-SB208-0410-0311		80018-SB204-0410-0311		80018-SB205-0410-0311		80018-SB206-0410-0311		80018-SB192-0410-0311	
		Risk Zone	E1*		E2*		E3*		E3*		D1*	
		Bottom Depth	10		9		10		10		9	
		Sample Date	4/4/2011		3/31/2011		4/4/2011		4/4/2011		3/31/2011	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	2000	0.5	U	0.5	U	0.33	JB	0.25	JB	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	200000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	700	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	75-35-4	70	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	120-82-1	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromoethane	106-93-4	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	6000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	107-06-2	10	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	541-73-1	6000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	750	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Butanone	78-93-3	4000	5	U	5	U	5	U	5	U	5.1	B
2-Hexanone	591-78-6	--	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	3500	5	U	5	U	5	U	5	U	5	U
Acetone	67-64-1	7000	7.2	B	7.9	B	5	U	3.9	JB	5	U
Benzene	71-43-2	10	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	75-27-4	5.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	40	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	74-83-9	98	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	75-15-0	7000	0.5	U	0.5	U	0.5	U	0.5	U	0.097	J
Carbon Tetrachloride	56-23-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	1000	0.5	U	1.2		0.5	U	0.5	U	1.2	
Chloroethane	75-00-3	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	67-66-3	60	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane	74-87-3	27	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cis-1,2-Dichloroethene	156-59-2	700	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cis-1,3-Dichloropropene	10061-01-5	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	124-48-1	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	100-41-4	7000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Isopropylbenzene	98-82-8	300	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m,p-Xylene	179601-23-1	--	0.5	U	0.18	JB	0.5	U	0.5	U	0.5	U

Appendix G
Analytical Data Summary
SPLP VOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	119 Store Ave.		120 Store Ave.		136 Store Ave.		136 Store Ave.		17 Dunbar St.	
		Top Depth	4		4		4		4		4	
		Sample Location	SB208		SB204		SB205		SB206		SB192	
		Sample ID	80018-SB208-0410-0311		80018-SB204-0410-0311		80018-SB205-0410-0311		80018-SB206-0410-0311		80018-SB192-0410-0311	
		Risk Zone	E1*		E2*		E3*		E3*		D1*	
		Bottom Depth	10		9		10		10		9	
		Sample Date	4/4/2011		3/31/2011		4/4/2011		4/4/2011		3/31/2011	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl Tert-Butyl Ether	1634-04-4	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylcyclohexane	108-87-2	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene Chloride	75-09-2	50	2.3	B	1.1	B	1.4	B	1.4	B	1.2	B
O-Xylene	95-47-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Styrene	100-42-5	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	10000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,2-Dichloroethene	156-60-5	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,3-Dichloropropene	10061-02-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	79-01-6	50	1.3	B	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	13000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	75-01-4	20	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP VOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	235 Meriden Rd.		265 Meriden Rd.		27 Newman Ave.		281 Meriden Rd.		41 Dunbar St.	
		Top Depth	4		4		4		4		4	
		Sample Location	SB197		SB198		SB207		SB199		SB191	
		Sample ID	80018-SB197-0410-0311		80018-SB198-0410-0311		80018-SB207-0410-0311		80018-SB199-0410-0311		80018-SB191-0410-0311	
		Risk Zone	G*		G*		F*		D3*		D1*	
		Bottom Depth	9		9		9		9		9	
		Sample Date	3/29/2011		3/28/2011		3/30/2011		3/28/2011		3/31/2011	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	2000	0.5	U	1.1	B	0.13	JB	0.5	U	0.12	JB
1,1,2,2-Tetrachloroethane	79-34-5	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	200000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	700	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	75-35-4	70	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	120-82-1	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromoethane	106-93-4	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	6000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	107-06-2	10	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	541-73-1	6000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	750	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Butanone	78-93-3	4000	5	U	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	--	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	3500	5	U	5	U	5	U	5	U	5	U
Acetone	67-64-1	7000	5.4	B	4.7	JB	14	B	6.4	B	7.8	B
Benzene	71-43-2	10	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	75-27-4	5.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	40	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	74-83-9	98	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	75-15-0	7000	0.43	J	1.2		0.16	J	0.57		0.1	J
Carbon Tetrachloride	56-23-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	1000	0.5	U	0.5	U	0.5	U	0.5	U	1.4	
Chloroethane	75-00-3	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	67-66-3	60	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane	74-87-3	27	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cis-1,2-Dichloroethene	156-59-2	700	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cis-1,3-Dichloropropene	10061-01-5	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	124-48-1	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	100-41-4	7000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Isopropylbenzene	98-82-8	300	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m,p-Xylene	179601-23-1	--	0.5	U	0.5	U	0.11	JB	0.5	U	0.21	JB

Appendix G
Analytical Data Summary
SPLP VOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	235 Meriden Rd.		265 Meriden Rd.		27 Newman Ave.		281 Meriden Rd.		41 Dunbar St.	
		Top Depth	4		4		4		4		4	
		Sample Location	SB197		SB198		SB207		SB199		SB191	
		Sample ID	80018-SB197-0410-0311		80018-SB198-0410-0311		80018-SB207-0410-0311		80018-SB199-0410-0311		80018-SB191-0410-0311	
		Risk Zone	G*		G*		F*		D3*		D1*	
		Bottom Depth	9		9		9		9		9	
		Sample Date	3/29/2011		3/28/2011		3/30/2011		3/28/2011		3/31/2011	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl Tert-Butyl Ether	1634-04-4	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylcyclohexane	108-87-2	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene Chloride	75-09-2	50	2.1	B	1.8	B	1.3	B	2.2	B	1	B
O-Xylene	95-47-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Styrene	100-42-5	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	10000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,2-Dichloroethene	156-60-5	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,3-Dichloropropene	10061-02-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	79-01-6	50	0.5	U	0.31	JB	0.5	U	0.5	U	0.11	JB
Trichlorofluoromethane	75-69-4	13000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	75-01-4	20	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP VOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		55 Store Ave.	
		Top Depth	4		4		4		4		4	
		Sample Location	SB201		SB202		SB203		SB203		SB194	
		Sample ID	80018-SB201-0410-0311		80018-SB202-0410-0311		80018-DUP01-0410-0311		80018-SB203-0410-0311		80018-SB194-0410-0311	
		Risk Zone	I*		I*		I*		I*		H*	
		Bottom Depth	9		9		9		9		9	
		Sample Date	3/29/2011		3/29/2011		3/29/2011		3/29/2011		3/29/2011	
		Sample Type	N		N		FD		N		N	
		Field Duplicate Parent					80018-SB203-0410-0311					
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	2000	0.5	U	0.5	U	0.042	JB	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	200000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	700	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	75-35-4	70	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	120-82-1	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromoethane	106-93-4	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	6000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	107-06-2	10	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	541-73-1	6000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	750	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Butanone	78-93-3	4000	5	U	5	U	1.2	J	5	U	5	U
2-Hexanone	591-78-6	--	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	3500	5	U	5	U	5	U	5	U	5	U
Acetone	67-64-1	7000	3.2	JB	5.7	B	6.1	B	6.7	B	7.5	B
Benzene	71-43-2	10	0.5	U	0.5	U	0.5	U	0.5	U	0.21	J
Bromochloromethane	74-97-5	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	75-27-4	5.6	0.5	U	0.5	U	0.5	U	0.5	U	0.19	J
Bromoform	75-25-2	40	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	74-83-9	98	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	75-15-0	7000	0.5	U	0.094	J	0.38	J	0.5	U	0.5	U
Carbon Tetrachloride	56-23-5	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	1000	0.85		0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	75-00-3	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	67-66-3	60	0.5	U	0.5	U	0.5	U	0.5	U	1.8	
Chloromethane	74-87-3	27	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cis-1,2-Dichloroethene	156-59-2	700	0.5	U	0.5	U	0.5	U	0.5	U	0.86	
Cis-1,3-Dichloropropene	10061-01-5	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	124-48-1	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	100-41-4	7000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Isopropylbenzene	98-82-8	300	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m,p-Xylene	179601-23-1	--	0.5	U	0.5	U	0.5	U	0.5	U	0.22	JB

Appendix G
Analytical Data Summary
SPLP VOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		55 Store Ave.	
		Top Depth	4		4		4		4		4	
		Sample Location	SB201		SB202		SB203		SB203		SB194	
		Sample ID	80018-SB201-0410-0311		80018-SB202-0410-0311		80018-DUP01-0410-0311		80018-SB203-0410-0311		80018-SB194-0410-0311	
		Risk Zone	I*		I*		I*		I*		H*	
		Bottom Depth	9		9		9		9		9	
		Sample Date	3/29/2011		3/29/2011		3/29/2011		3/29/2011		3/29/2011	
		Sample Type	N		N		FD		N		N	
		Field Duplicate Parent					80018-SB203-0410-0311					
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl Tert-Butyl Ether	1634-04-4	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylcyclohexane	108-87-2	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene Chloride	75-09-2	50	0.82	B	1.4	B	2.8	B	1.7	B	0.81	B
O-Xylene	95-47-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.11	JB
Styrene	100-42-5	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	50	0.5	U	1.3		0.5	U	0.5	U	2	
Toluene	108-88-3	10000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,2-Dichloroethene	156-60-5	1000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,3-Dichloropropene	10061-02-6	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	79-01-6	50	0.5	U	1.2	B	0.5	U	0.5	U	**100**	BD
Trichlorofluoromethane	75-69-4	13000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	75-01-4	20	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP VOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	87 Store Ave.		9 Store Ave.		9 Store Ave.		Used Auto Lot Meriden Rd.	
		Top Depth	4		4		4		4	
		Sample Location	SB193		SB195		SB196		SB200	
		Sample ID	80018-SB193-0410-0311		80018-SB195-0410-0311		80018-SB196-0410-0311		80018-SB200-0410-0311	
		Risk Zone	H*		F*		F*		D3*	
		Bottom Depth	9		9		9		9	
		Sample Date	3/30/2011		3/30/2011		3/31/2011		3/28/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	2000	0.06	JB	0.32	JB	0.5	U	0.032	JB
1,1,2,2-Tetrachloroethane	79-34-5	5	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	200000	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	50	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	75-34-3	700	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	75-35-4	70	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	87-61-6	--	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	120-82-1	--	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromoethane	106-93-4	0.5	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	6000	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	107-06-2	10	0.5	U	0.5	U	0.3	J	0.5	U
1,2-Dichloropropane	78-87-5	50	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	541-73-1	6000	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	750	0.5	U	0.5	U	0.5	U	0.5	U
2-Butanone	78-93-3	4000	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	--	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	3500	5	U	5	U	5	U	5	U
Acetone	67-64-1	7000	7.2	B	4.4	JB	6.2	B	6.5	B
Benzene	71-43-2	10	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	--	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	75-27-4	5.6	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	40	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	74-83-9	98	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	75-15-0	7000	0.55		0.5	U	0.12	J	0.5	
Carbon Tetrachloride	56-23-5	50	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	1000	0.5	U	0.5	U	1		0.5	U
Chloroethane	75-00-3	--	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	67-66-3	60	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane	74-87-3	27	0.5	U	0.5	U	0.5	U	0.5	U
Cis-1,2-Dichloroethene	156-59-2	700	0.5	U	0.5	U	0.5	U	0.5	U
Cis-1,3-Dichloropropene	10061-01-5	--	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	110-82-7	--	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	124-48-1	5	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	75-71-8	--	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	100-41-4	7000	1.3		0.5	U	0.5	U	0.1	J
Isopropylbenzene	98-82-8	300	0.5	U	0.5	U	0.5	U	0.5	U
m,p-Xylene	179601-23-1	--	5.3	B	0.5	U	0.5	U	0.33	JB

Appendix G
Analytical Data Summary
SPLP VOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	87 Store Ave.		9 Store Ave.		9 Store Ave.		Used Auto Lot Meriden Rd.	
		Top Depth	4		4		4		4	
		Sample Location	SB193		SB195		SB196		SB200	
		Sample ID	80018-SB193-0410-0311		80018-SB195-0410-0311		80018-SB196-0410-0311		80018-SB200-0410-0311	
		Risk Zone	H*		F*		F*		D3*	
		Bottom Depth	9		9		9		9	
		Sample Date	3/30/2011		3/30/2011		3/31/2011		3/28/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Methyl Acetate	79-20-9	--	0.5	U	0.5	U	0.5	U	0.5	U
Methyl Tert-Butyl Ether	1634-04-4	1000	0.5	U	0.5	U	0.5	U	0.5	U
Methylcyclohexane	108-87-2	--	0.5	U	0.5	U	0.5	U	0.5	U
Methylene Chloride	75-09-2	50	1.6	B	1.2	B	1.1	B	1.7	B
O-Xylene	95-47-6	--	2.4	B	0.5	U	0.5	U	0.25	JB
Styrene	100-42-5	1000	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	127-18-4	50	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	10000	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,2-Dichloroethene	156-60-5	1000	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,3-Dichloropropene	10061-02-6	--	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	79-01-6	50	0.23	JB	0.19	JB	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	13000	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	75-01-4	20	0.5	U	0.5	U	0.5	U	0.5	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	MW3D		SB07		SB08		SB09	
			Sample ID	S-052704-JR-175		SB07-00-05~S2101620.D~~100902		SB08-00-05~V2101707.D~~100902		SB09-00-05~A0RG4-20J2A70~~102202	
			Risk Zone	J*		J*		J*		B	
			Bottom Depth	2		5		5		5	
			Sample Date	5/27/2004		10/9/2002		10/9/2002		10/22/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			41	J	3600	U	17	J
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	360	U	360	U	3600	U	400	
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000	1700	U	910	U	9000	U	1000	
2,4,6-Trichlorophenol	88-06-2	56000	1000	360	U	360	U	3600	U	400	
2,4-Dichlorophenol	120-83-2	200000	4000	360	U	360	U	3600	U	400	
2,4-Dimethylphenol	105-67-9	1000000	28000	360	U	360	U	3600	U	400	
2,4-Dinitrophenol	51-28-5	140000	2800	1700	U	910	U	9000	U	1000	
2,4-Dinitrotoluene	121-14-2	140000	2800	360	U	360	U	3600	U	400	
2,6-Dinitrotoluene	606-20-2	--	1400	360	U	360	U	3600	U	400	
2-Chloronaphthalene	91-58-7	1000000	110000	360	U	360	U	3600	U	400	
2-Chlorophenol	95-57-8	340000	7200	360	U	360	U	3600	U	400	
2-Methylnaphthalene	91-57-6	474000	--	360	U	110	J	3600	U	120	J
2-Methylphenol	95-48-7	1000000	70000	360	U	360	U	3600	U	400	
2-Nitroaniline	88-74-4	4100	1650	1700	U	910	U	9000	U	1000	
2-Nitrophenol	88-75-5	540000	11000	360	U	360	U	3600	U	400	
3,3'-Dichlorobenzidine	91-94-1	1400	330	710	U	360	UJ	3600	UJ	**400**	
3-Nitroaniline	99-09-2	200000	4200	1700	U	910	U	9000	U	1000	
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1700	U	910	U	9000	UJ	1000	
4-Bromophenyl-Phenylether	101-55-3	500000	82000	360	U	360	U	3600	UJ	400	
4-Chloro-3-Methylphenol	59-50-7	--	--	360	U	360	U	3600	U	400	
4-Chloroaniline	106-47-8	270000	5600	360	U	360	U	3600	U	400	
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	360	U	360	U	3600	U	400	
4-Methylphenol	106-44-5	340000	7000	360	U	24	J	3600	U	400	
4-Nitroaniline	100-01-6	200000	4200	710	U	910	U	9000	U	1000	
4-Nitrophenol	100-02-7	--	--	1700	U	910	U	9000	U	1000	
Acenaphthene	83-32-9	1000000	84000	360	U	210	J	3600	U	15	J
Acenaphthylene	208-96-8	1000000	84000	39	J	200	J	660	J	30	J
Acetophenone	98-86-2	--	--	360	U	360	U	3600	U	48	JB
Anthracene	120-12-7	1000000	400000	24	J	740		3600	UJ	56	J
Atrazine	1912-24-9	2800	200	360	UJ	360	U	3600	UJ	**400**	
Benzaldehyde	100-52-7	--	--	360	UJ	360	UJ	3600	UJ	34	J
Benzo(A)Anthracene	56-55-3	1000	1000	87	J	**1400**		710	J	170	J
Benzo(A)Pyrene	50-32-8	1000	1000	110	J	**1200**		**1200**	J	180	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	120	J	**1000**		**1400**	J	220	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	75	J	830		1300	J	130	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	100	J	**1500**		930	J	200	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	360	U	360	U	3600	U	400	
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	360	U	360	U	3600	U	400	

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	MW3D		SB07		SB08		SB09	
			Sample ID	S-052704-JR-175		SB07-00-05~S2101620.D~~100902		SB08-00-05~V2101707.D~~100902		SB09-00-05~A0RG4-20J2A70~~102202	
			Risk Zone	J*		J*		J*		B	
			Bottom Depth	2		5		5		5	
			Sample Date	5/27/2004		10/9/2002		10/9/2002		10/22/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	360	U	380	J	2200	J	270	JB
Butylbenzylphthalate	85-68-7	1000000	200000	360	U	360	U	3600	U	22	J
Caprolactam	105-60-2	--	--	360	U	360	U	3600	U	400	
Carbazole	86-74-8	31000	1000	360	U	330	J	3600	UJ	29	J
Chrysene	218-01-9	84000	1000	130	J	**1500**		**1200**	J	220	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	26	J	420		500	J	32	J
Dibenzofuran	132-64-9	270000	5600	360	U	180	J	3600	U	26	J
Diethylphthalate	84-66-2	1000000	1100000	360	U	140	J	3600	U	13	J
Dimethylphthalate	131-11-3	1000000	1100000	360	U	360	U	3600	U	400	
Di-N-Butyl Phthalate	84-74-2	1000000	140000	360	U	27	JEB	3600	UJ	15	J
Di-N-Octyl Phthalate	117-84-0	1000000	20000	360	U	360	UJ	3600	UJ	400	
Fluoranthene	206-44-0	1000000	56000	210	J	2600		2300	J	420	
Fluorene	86-73-7	1000000	56000	360	U	280	J	3600	U	26	J
Hexachlorobenzene	118-74-1	1000	1000	360	U	360	U	3600	UJ	400	
Hexachlorobutadiene	87-68-3	7900	--	360	U	360	UJ	3600	UJ	400	
Hexachlorocyclopentadiene	77-47-4	470000	9800	360	U	360	U	3600	U	400	
Hexachloroethane	67-72-1	44000	1000	360	U	360	U	3600	U	400	
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	63	J	780		**1200**	J	160	J
Isophorone	78-59-1	640000	7400	360	U	360	U	3600	U	400	
Naphthalene	91-20-3	1000000	56000	360	U	200	J	3600	U	60	J
Nitrobenzene	98-95-3	34000	1000	360	U	360	U	3600	U	400	
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	360	U	360	U	3600	U	400	
N-Nitrosodiphenylamine	86-30-6	130000	1400	360	U	360	U	3600	UJ	400	
Pentachlorophenol	87-86-5	5100	1000	1700	U	910	U	9000	UJ	**1000**	
Phenanthrene	85-01-8	1000000	40000	100	J	2400		3600	UJ	270	J
Phenol	108-95-2	1000000	800000	360	U	360	U	3600	U	400	
Pyrene	129-00-0	1000000	40000	190	J	2800		2000	J	350	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	SB14		SB15		SB16		SB16	
			Sample ID	SB14-00-05~V2101706.D~~100902		SB15-00-05~V2101617.D~~101102		SB16-00-01~A0SE5-4A70~~102302		SB16-00-01~AA26224~~101802	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	5		5		1		1	
			Sample Date	10/9/2002		10/11/2002		10/23/2002		10/18/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	380	U	85	J	12	J		
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	380	U	370	U	400	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000	960	U	930	U	1000	U		
2,4,6-Trichlorophenol	88-06-2	56000	1000	380	U	370	U	400	U		
2,4-Dichlorophenol	120-83-2	200000	4000	380	U	370	U	400	U		
2,4-Dimethylphenol	105-67-9	1000000	28000	380	U	370	U	400	U		
2,4-Dinitrophenol	51-28-5	140000	2800	960	U	930	U	1000	U		
2,4-Dinitrotoluene	121-14-2	140000	2800	380	U	370	U	400	U		
2,6-Dinitrotoluene	606-20-2	--	1400	380	U	370	U	400	U		
2-Chloronaphthalene	91-58-7	1000000	110000	380	U	370	U	400	U		
2-Chlorophenol	95-57-8	340000	7200	380	U	370	U	400	U		
2-Methylnaphthalene	91-57-6	474000	--	44	J	240	J	400	U		
2-Methylphenol	95-48-7	1000000	70000	380	U	370	U	400	U		
2-Nitroaniline	88-74-4	4100	1650	960	U	930	U	1000	U		
2-Nitrophenol	88-75-5	540000	11000	380	U	370	U	400	U		
3,3'-Dichlorobenzidine	91-94-1	1400	330	380	UJ	370	U	400	U		
3-Nitroaniline	99-09-2	200000	4200	960	U	930	U	1000	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	960	U	930	U	1000	U		
4-Bromophenyl-Phenylether	101-55-3	500000	82000	380	U	370	U	400	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	380	U	370	U	400	U		
4-Chloroaniline	106-47-8	270000	5600	380	U	370	U	400	U		
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	380	U	370	U	400	U		
4-Methylphenol	106-44-5	340000	7000	78	J	370	U	400	U		
4-Nitroaniline	100-01-6	200000	4200	960	U	930	U	1000	U		
4-Nitrophenol	100-02-7	--	--	960	U	930	U	1000	U		
Acenaphthene	83-32-9	1000000	84000	30	J	390		23	J		
Acenaphthylene	208-96-8	1000000	84000	73	J	210	J	120	J		
Acetophenone	98-86-2	--	--	380	U	370	U	160	J		
Anthracene	120-12-7	1000000	400000	130	J	1000		110	J		
Atrazine	1912-24-9	2800	200	380	U	370	U	400	U		
Benzaldehyde	100-52-7	--	--	130	JEB	98	J	110	J		
Benzo(A)Anthracene	56-55-3	1000	1000	430	J	**2600**		310	J		
Benzo(A)Pyrene	50-32-8	1000	1000	530	J	**2500**		410			
Benzo(B)Fluoranthene	205-99-2	1000	1000	840	J	**2500**		400			
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	570	J	2200		300	J		
Benzo(K)Fluoranthene	207-08-9	8400	1000	380	UJ	**2100**		450			
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	380	U	370	U	400	U		
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	380	U	370	U	400	U		

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Top Depth	0		0		0		0			
			Sample Location	SB14		SB15		SB16		SB16			
			Sample ID	SB14-00-05~V2101706.D~~100902		SB15-00-05~V2101617.D~~101102		SB16-00-01~A0SE5-4A70~~102302		SB16-00-01~AA26224~~101802			
			Risk Zone	J*		J*		J*		J*			
			Bottom Depth	5		5		1		1			
			Sample Date	10/9/2002		10/11/2002		10/23/2002		10/18/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	960	J	390		55	JB				
Butylbenzylphthalate	85-68-7	1000000	200000	380	U	370	U	400	U				
Caprolactam	105-60-2	--	--	380	U	27	J	400	U				
Carbazole	86-74-8	31000	1000	60	J	500		61	J				
Chrysene	218-01-9	84000	1000	630		**2900**		530					
Dibenz(A,H)Anthracene	53-70-3	1000	1000	270	J	390		96	J				
Dibenzofuran	132-64-9	270000	5600	380	U	450		10	J				
Diethylphthalate	84-66-2	1000000	1100000	380	U	370	U	400	U				
Dimethylphthalate	131-11-3	1000000	1100000	380	U	370	U	400	U				
Di-N-Butyl Phthalate	84-74-2	1000000	140000	110	JEB	370	U	400	U				
Di-N-Octyl Phthalate	117-84-0	1000000	20000	380	UJ	370	U	400	U				
Fluoranthene	206-44-0	1000000	56000	760		7200	D	910					
Fluorene	86-73-7	1000000	56000	380	U	540		22	J				
Hexachlorobenzene	118-74-1	1000	1000	380	U	370	U	400	U				
Hexachlorobutadiene	87-68-3	7900	--	380	UJ	370	U	400	U				
Hexachlorocyclopentadiene	77-47-4	470000	9800	380	U	370	U	400	U				
Hexachloroethane	67-72-1	44000	1000	380	U	370	U	400	U				
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	510	J	**2400**		340	J				
Isophorone	78-59-1	640000	7400	380	U	370	U	400	U				
Naphthalene	91-20-3	1000000	56000	71	J	260	J	400	U	1	JB		
Nitrobenzene	98-95-3	34000	1000	380	U	370	U	400	U				
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	380	U	370	U	400	U				
N-Nitrosodiphenylamine	86-30-6	130000	1400	380	U	370	U	400	U				
Pentachlorophenol	87-86-5	5100	1000	960	U	930	U	1000	U				
Phenanthrene	85-01-8	1000000	40000	380		7100	D	450					
Phenol	108-95-2	1000000	800000	44	J	370	U	400	U				
Pyrene	129-00-0	1000000	40000	1400		8500	D	780					

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	4		4		0		0	
			Sample Location	SB187		SB188		SB22		SB23	
			Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		SB22-00-05~V2101712.D~~101002		SB23-00-05~V2101714.D~~101002	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	10		10		5		5	
			Sample Date	4/4/2011		4/4/2011		10/10/2002		10/10/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	200	U	210	U	36	DJ	39	DJ
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400	200	U	210	U				
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	200	U	210	U	720	U	720	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	200	U	210	U				
2,4,5-Trichlorophenol	95-95-4	1000000	140000	200	U	210	U	1800	U	1800	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	200	U	210	U	720	U	720	U
2,4-Dichlorophenol	120-83-2	200000	4000	200	U	210	U	720	U	720	U
2,4-Dimethylphenol	105-67-9	1000000	28000	200	U	210	U	720	U	720	U
2,4-Dinitrophenol	51-28-5	140000	2800	390	U	410	U	1800	U	1800	U
2,4-Dinitrotoluene	121-14-2	140000	2800	200	U	210	U	720	U	720	U
2,6-Dinitrotoluene	606-20-2	--	1400	200	U	210	U	720	U	720	U
2-Chloronaphthalene	91-58-7	1000000	110000	200	U	210	U	720	U	720	U
2-Chlorophenol	95-57-8	340000	7200	200	U	210	U	720	U	720	U
2-Methylnaphthalene	91-57-6	474000	--	200	U	62	J	57	DJ	86	DJ
2-Methylphenol	95-48-7	1000000	70000	200	U	210	U	720	U	720	U
2-Nitroaniline	88-74-4	4100	1650	390	U	410	U	1800	U	1800	U
2-Nitrophenol	88-75-5	540000	11000	200	U	210	U	720	U	720	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	200	U	210	U	720	U	360	U
3-Nitroaniline	99-09-2	200000	4200	390	U	410	U	1800	U	1800	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	390	U	410	U	1800	U	1800	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	200	U	210	U	720	U	720	U
4-Chloro-3-Methylphenol	59-50-7	--	--	200	U	210	U	720	U	720	U
4-Chloroaniline	106-47-8	270000	5600	200	U	210	U	720	U	720	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	200	U	210	U	720	U	720	U
4-Methylphenol	106-44-5	340000	7000	200	U	210	U	720	U	720	U
4-Nitroaniline	100-01-6	200000	4200	390	U	410	U	1800	U	1800	U
4-Nitrophenol	100-02-7	--	--	390	U	410	U	1800	U	1800	U
Acenaphthene	83-32-9	1000000	84000	200	U	50	J	56	DJ	160	DJ
Acenaphthylene	208-96-8	1000000	84000	200	U	210	U	280	DJ	200	DJ
Acetophenone	98-86-2	--	--	75	J	58	J	720	U	720	U
Anthracene	120-12-7	1000000	400000	120	J	180	J	420	DJ	550	DJ
Atrazine	1912-24-9	2800	200	200	U	210	U	720	U	720	U
Benzaldehyde	100-52-7	--	--	200	U	210	U	66	DJ	150	DJ
Benzo(A)Anthracene	56-55-3	1000	1000	410		600		**1500**	D	**1400**	
Benzo(A)Pyrene	50-32-8	1000	1000	420		610		**1400**	D	**1300**	
Benzo(B)Fluoranthene	205-99-2	1000	1000	410		780		**1300**	D	**1300**	
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	260		350		1200	D	1300	
Benzo(K)Fluoranthene	207-08-9	8400	1000	430		680		**1300**	D	**1100**	
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	200	U	210	U	720	U	720	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	200	U	210	U	720	U	720	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	4		4		0		0	
			Sample Location	SB187		SB188		SB22		SB23	
			Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		SB22-00-05~V2101712.D~~101002		SB23-00-05~V2101714.D~~101002	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	10		10		5		5	
			Sample Date	4/4/2011		4/4/2011		10/10/2002		10/10/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	200	U	210	U	520	DJ	370	
Butylbenzylphthalate	85-68-7	1000000	200000	200	U	210	U	720	U	360	U
Caprolactam	105-60-2	--	--	200	U	210	U	720	U	720	U
Carbazole	86-74-8	31000	1000	200	U	100	J	110	DJ	260	DJ
Chrysene	218-01-9	84000	1000	440		700		**1500**	D	**1500**	
Dibenz(A,H)Anthracene	53-70-3	1000	1000	89	J	120	J	250	DJ	280	J
Dibenzofuran	132-64-9	270000	5600	200	U	210	U	170	DJ	190	DJ
Diethylphthalate	84-66-2	1000000	1100000	200	U	210	U	720	U	720	U
Dimethylphthalate	131-11-3	1000000	1100000	200	U	210	U	720	U	59	DJ
Di-N-Butyl Phthalate	84-74-2	1000000	140000	200	U	210	U	720	U	720	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000	200	U	210	U	720	U	360	U
Fluoranthene	206-44-0	1000000	56000	990		1400		2300	D	2700	D
Fluorene	86-73-7	1000000	56000	61	J	65	J	100	DJ	240	DJ
Hexachlorobenzene	118-74-1	1000	1000	200	U	210	U	720	U	720	U
Hexachlorobutadiene	87-68-3	7900	--	200	U	210	U	720	U	720	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	200	U	210	U	720	U	720	U
Hexachloroethane	67-72-1	44000	1000	200	U	210	U	720	U	720	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	340		440		**1300**	D	**1400**	
Isophorone	78-59-1	640000	7400	200	U	210	U	720	U	720	U
Naphthalene	91-20-3	1000000	56000	200	U	210	U	69	DJ	110	DJ
Nitrobenzene	98-95-3	34000	1000	200	U	210	U	720	U	720	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	200	U	210	U	720	U	720	U
N-Nitrosodiphenylamine	86-30-6	130000	1400	200	U	210	U	720	U	720	U
Pentachlorophenol	87-86-5	5100	1000	390	U	410	U	1800	U	1800	U
Phenanthrene	85-01-8	1000000	40000	650		980		2100	D	3000	D
Phenol	108-95-2	1000000	800000	200	U	210	U	720	U	720	U
Pyrene	129-00-0	1000000	40000	1100		1400		4000	D	4100	D

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	SB24		SB24		SB24		SB28	
			Sample ID	SB24-00-05~AA25788~~100902		SB24-00-05~V2101628.D~~101002		SB24-00-05~V2101715.D~~101002		SB28-00-03~A0SE5-3A70~~102302	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	5		5		5		3	
			Sample Date	10/9/2002		10/10/2002		10/10/2002		10/23/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			680	U	680	U	430	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			720	U	680	U	430	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000			1800	U	1700	U	1100	U
2,4,6-Trichlorophenol	88-06-2	56000	1000			720	U	680	U	430	U
2,4-Dichlorophenol	120-83-2	200000	4000			720	U	680	U	430	U
2,4-Dimethylphenol	105-67-9	1000000	28000			720	U	680	U	430	U
2,4-Dinitrophenol	51-28-5	140000	2800			1800	U	1700	U	1100	U
2,4-Dinitrotoluene	121-14-2	140000	2800			720	U	680	U	430	U
2,6-Dinitrotoluene	606-20-2	--	1400			720	U	680	U	430	U
2-Chloronaphthalene	91-58-7	1000000	110000			720	U	680	U	430	U
2-Chlorophenol	95-57-8	340000	7200			720	U	680	U	430	U
2-Methylnaphthalene	91-57-6	474000	--			680	U	680	U	430	U
2-Methylphenol	95-48-7	1000000	70000			720	U	680	U	430	U
2-Nitroaniline	88-74-4	4100	1650			1800	U	1700	U	1100	U
2-Nitrophenol	88-75-5	540000	11000			720	U	680	U	430	U
3,3'-Dichlorobenzidine	91-94-1	1400	330			360	U	680	U	430	U
3-Nitroaniline	99-09-2	200000	4200			1800	U	1700	U	1100	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			1800	U	1700	U	1100	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000			720	U	680	U	430	U
4-Chloro-3-Methylphenol	59-50-7	--	--			720	U	680	U	430	U
4-Chloroaniline	106-47-8	270000	5600			720	U	680	U	430	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			720	U	680	U	430	U
4-Methylphenol	106-44-5	340000	7000			720	U	680	U	430	U
4-Nitroaniline	100-01-6	200000	4200			1800	U	1700	U	1100	U
4-Nitrophenol	100-02-7	--	--			1800	U	1700	U	1100	U
Acenaphthene	83-32-9	1000000	84000			680	U	680	U	430	U
Acenaphthylene	208-96-8	1000000	84000			48	J	43	J	39	J
Acetophenone	98-86-2	--	--			720	U	680	U	13	J
Anthracene	120-12-7	1000000	400000			120	J	110	J	44	J
Atrazine	1912-24-9	2800	200			720	U	680	U	430	U
Benzaldehyde	100-52-7	--	--			95	J	83	J	430	U
Benzo(A)Anthracene	56-55-3	1000	1000			320	J	310	J	160	J
Benzo(A)Pyrene	50-32-8	1000	1000			310	J	320	J	180	J
Benzo(B)Fluoranthene	205-99-2	1000	1000			260	J	290	J	170	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			300	J	310	J	58	J
Benzo(K)Fluoranthene	207-08-9	8400	1000			300	J	270	J	180	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			720	U	680	U	430	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			720	U	680	U	430	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	SB24		SB24		SB24		SB28	
			Sample ID	SB24-00-05~AA25788~~100902		SB24-00-05~V2101628.D~~101002		SB24-00-05~V2101715.D~~101002		SB28-00-03~A0SE5-3A70~~102302	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	5		5		5		3	
			Sample Date	10/9/2002		10/10/2002		10/10/2002		10/23/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			240	J	230	J	56	JB
Butylbenzylphthalate	85-68-7	1000000	200000			360	U	680	U	12	J
Caprolactam	105-60-2	--	--			720	U	680	U	430	U
Carbazole	86-74-8	31000	1000			48	J	48	J	16	J
Chrysene	218-01-9	84000	1000			360	J	350	J	200	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000			47	J	68	J	45	J
Dibenzofuran	132-64-9	270000	5600			680	U	680	U	430	U
Diethylphthalate	84-66-2	1000000	1100000			720	U	680	U	430	U
Dimethylphthalate	131-11-3	1000000	1100000			680	U	680	U	430	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000			720	U	680	U	430	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000			360	U	680	U	430	U
Fluoranthene	206-44-0	1000000	56000			500	J	490	J	320	J
Fluorene	86-73-7	1000000	56000			39	J	40	J	430	U
Hexachlorobenzene	118-74-1	1000	1000			720	U	680	U	430	U
Hexachlorobutadiene	87-68-3	7900	--			720	U	680	U	430	U
Hexachlorocyclopentadiene	77-47-4	470000	9800			720	U	680	U	430	U
Hexachloroethane	67-72-1	44000	1000			720	U	680	U	430	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			330	J	330	J	170	J
Isophorone	78-59-1	640000	7400			720	U	680	U	430	U
Naphthalene	91-20-3	1000000	56000	6	U	680	U	680	U	430	U
Nitrobenzene	98-95-3	34000	1000			720	U	680	U	430	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			720	U	680	U	430	U
N-Nitrosodiphenylamine	86-30-6	130000	1400			720	U	680	U	430	U
Pentachlorophenol	87-86-5	5100	1000			1800	U	1700	U	1100	U
Phenanthrene	85-01-8	1000000	40000			510	J	500	J	140	J
Phenol	108-95-2	1000000	800000			720	U	680	U	430	U
Pyrene	129-00-0	1000000	40000			870		820		290	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0		0	
			Sample Location	SB30		SB48		SS05		SS05		SS11	
			Sample ID	SB30-00-04~A0SE5-1A70~~102302		S-051804-JR-098		SS-05~AA25775~~100802		SS-05~S2101408.D~~100802		SS-011~A0RG4-1A70~~102402	
			Risk Zone	B		J*		J*		J*		J*	
			Bottom Depth	4		2		0.25		0.25		0.25	
			Sample Date	10/23/2002		5/18/2004		10/8/2002		10/8/2002		10/24/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	460	U					370	U	480	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400										
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	460	U	420	U			370	U	480	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--										
2,4,5-Trichlorophenol	95-95-4	1000000	140000	1200	U	2000	U			920	U	1200	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	460	U	420	U			370	U	480	U
2,4-Dichlorophenol	120-83-2	200000	4000	460	U	420	U			370	U	480	U
2,4-Dimethylphenol	105-67-9	1000000	28000	460	U	420	U			370	U	480	U
2,4-Dinitrophenol	51-28-5	140000	2800	1200	U	2000	UJ			920	U	1200	U
2,4-Dinitrotoluene	121-14-2	140000	2800	460	U	420	U			370	U	480	U
2,6-Dinitrotoluene	606-20-2	--	1400	460	U	420	U			370	U	480	U
2-Chloronaphthalene	91-58-7	1000000	110000	460	U	420	U			370	U	480	U
2-Chlorophenol	95-57-8	340000	7200	460	U	420	U			370	U	480	U
2-Methylnaphthalene	91-57-6	474000	--	460	U	420	U			370	U	480	U
2-Methylphenol	95-48-7	1000000	70000	460	U	420	U			370	U	480	U
2-Nitroaniline	88-74-4	4100	1650	1200	U	2000	U			920	U	1200	U
2-Nitrophenol	88-75-5	540000	11000	460	U	420	U			370	U	480	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	460	U	840	U			370	UJ	480	U
3-Nitroaniline	99-09-2	200000	4200	1200	U	2000	U			920	U	1200	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1200	U	2000	U			920	U	1200	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	460	U	420	U			370	U	480	U
4-Chloro-3-Methylphenol	59-50-7	--	--	460	U	420	U			370	U	480	U
4-Chloroaniline	106-47-8	270000	5600	460	U	420	U			370	U	480	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	460	U	420	U			370	U	480	U
4-Methylphenol	106-44-5	340000	7000	460	U	420	U			370	U	480	U
4-Nitroaniline	100-01-6	200000	4200	1200	U	840	U			920	U	1200	U
4-Nitrophenol	100-02-7	--	--	1200	U	2000	U			920	U	1200	U
Acenaphthene	83-32-9	1000000	84000	460	U	420	U			370	U	480	U
Acenaphthylene	208-96-8	1000000	84000	460	U	180	J			370	U	16	J
Acetophenone	98-86-2	--	--	460	U	420	U			370	U	48	JB
Anthracene	120-12-7	1000000	400000	460	U	130	J			370	U	13	J
Atrazine	1912-24-9	2800	200	460	U	420	U			370	U	480	U
Benzaldehyde	100-52-7	--	--	460	U	420	UJ			370	U	480	U
Benzo(A)Anthracene	56-55-3	1000	1000	31	J	590				30	J	54	J
Benzo(A)Pyrene	50-32-8	1000	1000	37	J	650				21	J	71	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	43	J	660				50	J	69	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	460	U	320	J			31	J	59	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	37	J	470				370	U	75	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	460	U	420	U			370	U	480	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	460	U	420	U			370	U	480	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Top Depth	0		0		0		0		0			
			Sample Location	SB30		SB48		SS05		SS05		SS11			
			Sample ID	SB30-00-04~A0SE5-1A70~~102302		S-051804-JR-098		SS-05~AA25775~~100802		SS-05~S2101408.D~~100802		SS-011~A0RG4-1A70~~102402			
			Risk Zone	B		J*		J*		J*		J*			
			Bottom Depth	4		2		0.25		0.25		0.25			
			Sample Date	10/23/2002		5/18/2004		10/8/2002		10/8/2002		10/24/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	200	JB	420	U			370	UJ	130	JB		
Butylbenzylphthalate	85-68-7	1000000	200000	460	U	420	U			370	U	480	U		
Caprolactam	105-60-2	--	--	460	U	420	U			370	U	480	U		
Carbazole	86-74-8	31000	1000	460	U	36	J			21	J	480	U		
Chrysene	218-01-9	84000	1000	55	J	650				29	J	79	J		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	460	U	170	J			26	J	22	J		
Dibenzofuran	132-64-9	270000	5600	460	U	420	U			370	U	480	U		
Diethylphthalate	84-66-2	1000000	1100000	460	U	420	U			22	J	480	U		
Dimethylphthalate	131-11-3	1000000	1100000	460	U	420	U			370	U	480	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	460	U	420	U			23	JEB	480	U		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	460	U	110	J			370	U	75	J		
Fluoranthene	206-44-0	1000000	56000	100	J	960				56	J	140	J		
Fluorene	86-73-7	1000000	56000	460	U	420	U			370	U	480	U		
Hexachlorobenzene	118-74-1	1000	1000	460	U	420	U			370	U	480	U		
Hexachlorobutadiene	87-68-3	7900	--	460	U	420	U			370	U	480	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800	460	U	420	U			370	U	480	U		
Hexachloroethane	67-72-1	44000	1000	460	U	420	U			370	U	480	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	32	J	350	J			30	J	61	J		
Isophorone	78-59-1	640000	7400	460	U	420	U			370	U	480	U		
Naphthalene	91-20-3	1000000	56000	460	U	420	U	6	U	370	U	480	U		
Nitrobenzene	98-95-3	34000	1000	460	U	420	U			370	U	480	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	460	U	420	U			370	U	480	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400	460	U	420	U			370	U	480	U		
Pentachlorophenol	87-86-5	5100	1000	1200	U	2000	U			920	U	1200	U		
Phenanthrene	85-01-8	1000000	40000	52	J	360	J			21	J	71	J		
Phenol	108-95-2	1000000	800000	460	U	420	U			370	U	480	U		
Pyrene	129-00-0	1000000	40000	86	J	880				36	J	150	J		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	SS11		SS12		SS12		SS20	
			Sample ID	SS-011~AA26220~~102402		SS-012~A0RG2-3A70~~103102		SS-012~AA26570~~103102		KSS-020~A0RG4-3A70~FDOFA0RH3~102402	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	0.25		0.25		0.25		0.25	
			Sample Date	10/24/2002		10/31/2002		10/31/2002		10/24/2002	
			Sample Type	N		N		N		FD	
			Field Duplicate Parent							SS-020~A0RG4-4A70~FDOFA0RG9~102402	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			410	U			390	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			410	U			390	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000			1000	U			990	U
2,4,6-Trichlorophenol	88-06-2	56000	1000			410	U			390	U
2,4-Dichlorophenol	120-83-2	200000	4000			410	U			390	U
2,4-Dimethylphenol	105-67-9	1000000	28000			410	U			390	U
2,4-Dinitrophenol	51-28-5	140000	2800			1000	U			990	U
2,4-Dinitrotoluene	121-14-2	140000	2800			410	U			390	U
2,6-Dinitrotoluene	606-20-2	--	1400			410	U			390	U
2-Chloronaphthalene	91-58-7	1000000	110000			410	U			390	U
2-Chlorophenol	95-57-8	340000	7200			410	U			390	U
2-Methylnaphthalene	91-57-6	474000	--			410	U			390	U
2-Methylphenol	95-48-7	1000000	70000			410	U			390	U
2-Nitroaniline	88-74-4	4100	1650			1000	U			990	U
2-Nitrophenol	88-75-5	540000	11000			410	U			390	U
3,3'-Dichlorobenzidine	91-94-1	1400	330			410	U			390	U
3-Nitroaniline	99-09-2	200000	4200			1000	U			990	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			1000	U			990	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000			410	U			390	U
4-Chloro-3-Methylphenol	59-50-7	--	--			410	U			390	U
4-Chloroaniline	106-47-8	270000	5600			410	U			390	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			410	U			390	U
4-Methylphenol	106-44-5	340000	7000			410	U			390	U
4-Nitroaniline	100-01-6	200000	4200			1000	U			990	U
4-Nitrophenol	100-02-7	--	--			1000	U			990	U
Acenaphthene	83-32-9	1000000	84000			410	U			390	U
Acenaphthylene	208-96-8	1000000	84000			16	J			43	J
Acetophenone	98-86-2	--	--			19	JB			21	JB
Anthracene	120-12-7	1000000	400000			12	J			32	J
Atrazine	1912-24-9	2800	200			410	U			390	U
Benzaldehyde	100-52-7	--	--			410	U			390	U
Benzo(A)Anthracene	56-55-3	1000	1000			36	J			100	J
Benzo(A)Pyrene	50-32-8	1000	1000			50	J			150	J
Benzo(B)Fluoranthene	205-99-2	1000	1000			45	J			160	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			410	U			140	J
Benzo(K)Fluoranthene	207-08-9	8400	1000			58	J			150	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			410	U			390	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			410	U			390	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	SS11		SS12		SS12		SS20	
			Sample ID	SS-011~AA26220~~102402		SS-012~A0RG2-3A70~~103102		SS-012~AA26570~~103102		KSS-020~A0RG4-3A70~FDOFA0RH3~102402	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	0.25		0.25		0.25		0.25	
			Sample Date	10/24/2002		10/31/2002		10/31/2002		10/24/2002	
			Sample Type	N		N		N		FD	
			Field Duplicate Parent							SS-020~A0RG4-4A70~FDOFA0RG9~102402	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			69	JB			73	JB
Butylbenzylphthalate	85-68-7	1000000	200000			410	U			18	J
Caprolactam	105-60-2	--	--			410	U			390	U
Carbazole	86-74-8	31000	1000			410	U			16	J
Chrysene	218-01-9	84000	1000			58	J			180	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000			410	U			44	J
Dibenzofuran	132-64-9	270000	5600			410	U			390	U
Diethylphthalate	84-66-2	1000000	1100000			410	U			390	U
Dimethylphthalate	131-11-3	1000000	1100000			410	U			390	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000			410	U			390	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000			410	U			390	U
Fluoranthene	206-44-0	1000000	56000			94	J			260	J
Fluorene	86-73-7	1000000	56000			410	U			390	U
Hexachlorobenzene	118-74-1	1000	1000			410	U			390	U
Hexachlorobutadiene	87-68-3	7900	--			410	U			390	U
Hexachlorocyclopentadiene	77-47-4	470000	9800			410	U			390	U
Hexachloroethane	67-72-1	44000	1000			410	U			390	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			50	J			140	J
Isophorone	78-59-1	640000	7400			410	U			390	U
Naphthalene	91-20-3	1000000	56000	2	JB	410	U	1	U	390	U
Nitrobenzene	98-95-3	34000	1000			410	U			390	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			410	U			390	U
N-Nitrosodiphenylamine	86-30-6	130000	1400			410	U			390	U
Pentachlorophenol	87-86-5	5100	1000			1000	U			990	U
Phenanthrene	85-01-8	1000000	40000			48	J			120	J
Phenol	108-95-2	1000000	800000			410	U			390	U
Pyrene	129-00-0	1000000	40000			99	J			290	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		
			Top Depth	0		0		0		
			Sample Location	SS20		SS20		SS21		
			Sample ID	SS-020~A0RG4-4A70~FDOFA0RG9~102402		SS-020~AA26230~~102402		KSS-021~A0RG2-2A70~FDOFA0RH3~103102		
			Risk Zone	J*		J*		J*		
			Bottom Depth	0.25		0.25		0.25		
			Sample Date	10/24/2002		10/24/2002		10/31/2002		
			Sample Type	N		N		FD		
			Field Duplicate Parent					SS-021~A0RG2-8B70~FDOFA0RG3~103102		
			Unit	ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	380	U			420	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400						
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	380	U			420	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--						
2,4,5-Trichlorophenol	95-95-4	1000000	140000	950	U			1100	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	380	U			420	U
2,4-Dichlorophenol	120-83-2	200000	4000	380	U			420	U
2,4-Dimethylphenol	105-67-9	1000000	28000	380	U			420	U
2,4-Dinitrophenol	51-28-5	140000	2800	950	U			1100	U
2,4-Dinitrotoluene	121-14-2	140000	2800	380	U			420	U
2,6-Dinitrotoluene	606-20-2	--	1400	380	U			420	U
2-Chloronaphthalene	91-58-7	1000000	110000	380	U			420	U
2-Chlorophenol	95-57-8	340000	7200	380	U			420	U
2-Methylnaphthalene	91-57-6	474000	--	380	U			420	U
2-Methylphenol	95-48-7	1000000	70000	380	U			420	U
2-Nitroaniline	88-74-4	4100	1650	950	U			1100	U
2-Nitrophenol	88-75-5	540000	11000	380	U			420	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	380	U			420	U
3-Nitroaniline	99-09-2	200000	4200	950	U			1100	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	950	U			1100	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	380	U			420	U
4-Chloro-3-Methylphenol	59-50-7	--	--	380	U			420	U
4-Chloroaniline	106-47-8	270000	5600	380	U			420	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	380	U			420	U
4-Methylphenol	106-44-5	340000	7000	380	U			420	U
4-Nitroaniline	100-01-6	200000	4200	950	U			1100	U
4-Nitrophenol	100-02-7	--	--	950	U			1100	U
Acenaphthene	83-32-9	1000000	84000	380	U			420	U
Acenaphthylene	208-96-8	1000000	84000	53	J			44	J
Acetophenone	98-86-2	--	--	25	JB			24	JB
Anthracene	120-12-7	1000000	400000	43	J			53	J
Atrazine	1912-24-9	2800	200	380	U			420	U
Benzaldehyde	100-52-7	--	--	380	U			360	J
Benzo(A)Anthracene	56-55-3	1000	1000	160	J			230	J
Benzo(A)Pyrene	50-32-8	1000	1000	220	J			330	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	240	J			390	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	190	J			250	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	230	J			400	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	380	U			420	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	380	U			420	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Top Depth	0		0		0			
			Sample Location	SS20		SS20		SS21			
			Sample ID	SS-020~A0RG4-4A70~FDOFA0RG9~102402		SS-020~AA26230~~102402		KSS-021~A0RG2-2A70~FDOFA0RH3~103102			
			Risk Zone	J*		J*		J*			
			Bottom Depth	0.25		0.25		0.25			
			Sample Date	10/24/2002		10/24/2002		10/31/2002			
			Sample Type	N		N		FD			
			Field Duplicate Parent					SS-021~A0RG2-8B70~FDOFA0RG3~103102			
			Unit	ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	74	JB			590	B		
Butylbenzylphthalate	85-68-7	1000000	200000	11	J			50	J		
Caprolactam	105-60-2	--	--	380	U			420	U		
Carbazole	86-74-8	31000	1000	25	J			46	J		
Chrysene	218-01-9	84000	1000	270	J			410	J		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	62	J			59	J		
Dibenzofuran	132-64-9	270000	5600	380	U			420	U		
Diethylphthalate	84-66-2	1000000	1100000	380	U			420	U		
Dimethylphthalate	131-11-3	1000000	1100000	380	U			420	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	380	U			16	JB		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	140	J			690			
Fluoranthene	206-44-0	1000000	56000	390				670			
Fluorene	86-73-7	1000000	56000	380	U			420	U		
Hexachlorobenzene	118-74-1	1000	1000	380	U			420	U		
Hexachlorobutadiene	87-68-3	7900	--	380	U			420	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800	380	U			420	U		
Hexachloroethane	67-72-1	44000	1000	380	U			420	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	220	J			270	J		
Isophorone	78-59-1	640000	7400	380	U			420	U		
Naphthalene	91-20-3	1000000	56000	380	U	6	U	420	U		
Nitrobenzene	98-95-3	34000	1000	380	U			420	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	380	U			420	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400	380	U			420	U		
Pentachlorophenol	87-86-5	5100	1000	950	U			1100	U		
Phenanthrene	85-01-8	1000000	40000	200	J			270	J		
Phenol	108-95-2	1000000	800000	380	U			420	U		
Pyrene	129-00-0	1000000	40000	420				580			

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Top Depth	0		0		0		0		0			
			Sample Location	SS21		SS21		SS-23		SS-24		SS-25			
			Sample ID	SS-021~A0RG2-8B70~FDOFA0RG3~103102		SS-021~AA26567~~103102		APJ76		APJ78		APJ80			
			Risk Zone	J*		J*		J*		J*		J*			
			Bottom Depth	0.25		0.25		0.5		0.5		0.5			
			Sample Date	10/31/2002		10/31/2002		4/26/1999		4/26/1999		4/26/1999			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	13	J										
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	400	U			390	U	390	U	490	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	1000000	140000	1000	U			990	U	990	U	1200	U		
2,4,6-Trichlorophenol	88-06-2	56000	1000	400	U			390	U	390	U	490	U		
2,4-Dichlorophenol	120-83-2	200000	4000	400	U			390	U	390	U	490	U		
2,4-Dimethylphenol	105-67-9	1000000	28000	400	U			390	U	390	U	490	U		
2,4-Dinitrophenol	51-28-5	140000	2800	1000	U			990	U	990	U	1200	U		
2,4-Dinitrotoluene	121-14-2	140000	2800	400	U			390	U	390	U	490	U		
2,6-Dinitrotoluene	606-20-2	--	1400	400	U			390	U	390	U	490	U		
2-Chloronaphthalene	91-58-7	1000000	110000	400	U			390	U	390	U	490	U		
2-Chlorophenol	95-57-8	340000	7200	400	U			390	U	390	U	490	U		
2-Methylnaphthalene	91-57-6	474000	--	29	J			390	U	390	U	490	U		
2-Methylphenol	95-48-7	1000000	70000	400	U			390	U	390	U	490	U		
2-Nitroaniline	88-74-4	4100	1650	1000	U			990	U	990	U	1200	U		
2-Nitrophenol	88-75-5	540000	11000	400	U			390	U	390	U	490	U		
3,3'-Dichlorobenzidine	91-94-1	1400	330	400	U			390	U	390	U	490	U		
3-Nitroaniline	99-09-2	200000	4200	1000	U			990	UJ	990	UJ	1200	UJ		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1000	U			990	U	990	U	1200	U		
4-Bromophenyl-Phenylether	101-55-3	500000	82000	400	U			390	U	390	U	490	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	400	U			390	U	390	U	490	U		
4-Chloroaniline	106-47-8	270000	5600	400	U			390	UJ	390	UJ	490	UJ		
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	400	U			390	U	390	U	490	U		
4-Methylphenol	106-44-5	340000	7000	400	U			390	U	390	U	490	U		
4-Nitroaniline	100-01-6	200000	4200	1000	U			990	UJ	990	UJ	1200	UJ		
4-Nitrophenol	100-02-7	--	--	1000	U			990	U	990	U	1200	U		
Acenaphthene	83-32-9	1000000	84000	55	J			390	U	390	U	150	J		
Acenaphthylene	208-96-8	1000000	84000	240	J			390	U	390	U	60	J		
Acetophenone	98-86-2	--	--	17	JB										
Anthracene	120-12-7	1000000	400000	370	J			390	UJ	390	UJ	430	J		
Atrazine	1912-24-9	2800	200	400	U										
Benzaldehyde	100-52-7	--	--	21	J										
Benzo(A)Anthracene	56-55-3	1000	1000	**1500**				85	J	390	U	**1200**			
Benzo(A)Pyrene	50-32-8	1000	1000	**1600**				52	J	390	U	900			
Benzo(B)Fluoranthene	205-99-2	1000	1000	**1900**				140	J	390	U	**2000**	J		
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	770				50	J	390	U	840			
Benzo(K)Fluoranthene	207-08-9	8400	1000	**1400**				100	J	390	UJ	**1400**	J		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	400	U			390	U	390	U	490	U		
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	400	U			390	U	390	U	490	U		

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Top Depth	0		0		0		0		0			
			Sample Location	SS21		SS21		SS-23		SS-24		SS-25			
			Sample ID	SS-021~A0RG2-8B70~FDOFA0RG3~103102		SS-021~AA26567~~103102		APJ76		APJ78		APJ80			
			Risk Zone	J*		J*		J*		J*		J*			
			Bottom Depth	0.25		0.25		0.5		0.5		0.5			
			Sample Date	10/31/2002		10/31/2002		4/26/1999		4/26/1999		4/26/1999			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	67	JB			390	U	770	U	2600	J		
Butylbenzylphthalate	85-68-7	1000000	200000	17	J			390	U	390	U	490	U		
Caprolactam	105-60-2	--	--	400	U										
Carbazole	86-74-8	31000	1000	290	J			390	UJ	390	UJ	250	J		
Chrysene	218-01-9	84000	1000	**1900**				100	J	390	U	**1200**			
Dibenz(A,H)Anthracene	53-70-3	1000	1000	300	J			390	U	390	U	310	J		
Dibenzofuran	132-64-9	270000	5600	66	J			390	U	390	U	120	J		
Diethylphthalate	84-66-2	1000000	1100000	400	U			390	U	390	U	490	U		
Dimethylphthalate	131-11-3	1000000	1100000	32	J			390	U	390	U	490	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	130	JB			390	U	390	U	70	J		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	400	U			30	J	390	U	490	U		
Fluoranthene	206-44-0	1000000	56000	3700	D			190	J	62	J	2400			
Fluorene	86-73-7	1000000	56000	94	J			390	U	390	U	160	J		
Hexachlorobenzene	118-74-1	1000	1000	400	U			390	U	390	U	490	U		
Hexachlorobutadiene	87-68-3	7900	--	400	U			390	U	390	U	490	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800	400	U			390	U	390	U	490	U		
Hexachloroethane	67-72-1	44000	1000	400	U			390	U	390	U	490	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	**1100**				45	J	390	U	750			
Isophorone	78-59-1	640000	7400	400	U			390	U	390	U	490	U		
Naphthalene	91-20-3	1000000	56000	35	J	1	U	390	U	390	U	490	U		
Nitrobenzene	98-95-3	34000	1000	400	U			390	U	390	U	490	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	400	U			390	U	390	U	490	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400	400	U										
Pentachlorophenol	87-86-5	5100	1000	1000	U			990	UJ	990	UJ	1200	UJ		
Phenanthrene	85-01-8	1000000	40000	2300				130	J	390	U	2200			
Phenol	108-95-2	1000000	800000	400	U			390	U	390	U	490	U		
Pyrene	129-00-0	1000000	40000	3000				220	J	69	J	2400			

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0		0		0	
			Sample Location	SS-25		SS-26		SS-27		SS28		SS28		SS-28	
			Sample ID	APJ82		APJ83		APJ85		SS-028~A0KK9-4A66~~110102		SS-028~AA26633~~110102		APJ87	
			Risk Zone	J*		J*		J*		J*		J*		B	
			Bottom Depth	0.5		0.5		0.5		0.25		0.25		0.5	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		11/1/2002		11/1/2002		4/26/1999	
			Sample Type	FD		N		N		N		N		N	
			Field Duplicate Parent	APJ80											
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--							370	U				
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	460	U	390	U	390	U	370	U			420	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	1000000	140000	1200	U	980	U	990	U	920	U			1000	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	460	U	390	U	390	U	370	U			420	U
2,4-Dichlorophenol	120-83-2	200000	4000	460	U	390	U	390	U	370	U			420	U
2,4-Dimethylphenol	105-67-9	1000000	28000	460	U	390	U	390	U	370	U			420	U
2,4-Dinitrophenol	51-28-5	140000	2800	1200	U	980	U	990	U	920	U			1000	UJ
2,4-Dinitrotoluene	121-14-2	140000	2800	460	U	390	U	390	U	370	U			420	U
2,6-Dinitrotoluene	606-20-2	--	1400	460	U	390	U	390	U	370	U			420	U
2-Chloronaphthalene	91-58-7	1000000	110000	460	U	390	U	390	U	370	U			420	U
2-Chlorophenol	95-57-8	340000	7200	460	U	390	U	390	U	370	U			420	U
2-Methylnaphthalene	91-57-6	474000	--	460	U	390	U	390	U	370	U			420	U
2-Methylphenol	95-48-7	1000000	70000	460	U	390	U	390	U	370	U			420	U
2-Nitroaniline	88-74-4	4100	1650	1200	U	980	U	990	U	920	U			1000	U
2-Nitrophenol	88-75-5	540000	11000	460	U	390	U	390	U	370	U			420	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	460	U	390	U	390	UJ	370	U			420	UJ
3-Nitroaniline	99-09-2	200000	4200	1200	UJ	980	UJ	990	UJ	920	U			1000	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1200	U	980	U	990	U	920	U			1000	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	460	U	390	U	390	U	370	U			420	U
4-Chloro-3-Methylphenol	59-50-7	--	--	460	U	390	U	390	U	370	U			420	U
4-Chloroaniline	106-47-8	270000	5600	460	UJ	390	UJ	390	UJ	370	U			420	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	460	U	390	U	390	U	370	U			420	U
4-Methylphenol	106-44-5	340000	7000	460	U	390	U	390	U	370	U			420	U
4-Nitroaniline	100-01-6	200000	4200	1200	UJ	980	UJ	990	UJ	920	U			1000	U
4-Nitrophenol	100-02-7	--	--	1200	U	980	U	990	U	920	U			1000	U
Acenaphthene	83-32-9	1000000	84000	84	J	390	U	57	J	370	U			420	U
Acenaphthylene	208-96-8	1000000	84000	62	J	120	J	140	J	370	U			420	U
Acetophenone	98-86-2	--	--							25	JB				
Anthracene	120-12-7	1000000	400000	290	J	360	J	340	J	370	U			420	U
Atrazine	1912-24-9	2800	200							370	U				
Benzaldehyde	100-52-7	--	--							36	JB				
Benzo(A)Anthracene	56-55-3	1000	1000	890		**1100**		**1700**		31	J			86	J
Benzo(A)Pyrene	50-32-8	1000	1000	790		**1100**		**1500**		25	J			69	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	**1800**	J	**2200**	J	**1600**		29	J			100	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	770		850		1300		91	J			79	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	**1400**	J	**1600**	J	**1200**	J	32	J			97	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	460	U	390	U	390	U	370	U			420	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	460	U	390	U	390	U	370	U			420	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0		0		0	
			Sample Location	SS-25		SS-26		SS-27		SS28		SS28		SS-28	
			Sample ID	APJ82		APJ83		APJ85		SS-028~A0KK9-4A66~~110102		SS-028~AA26633~~110102		APJ87	
			Risk Zone	J*		J*		J*		J*		J*		B	
			Bottom Depth	0.5		0.5		0.5		0.25		0.25		0.5	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		11/1/2002		11/1/2002		4/26/1999	
			Sample Type	FD		N		N		N		N		N	
			Field Duplicate Parent	APJ80											
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	1000	J	390	U	670	U	240	JB			480	U
Butylbenzylphthalate	85-68-7	1000000	200000	460	U	390	U	390	U	370	U			420	U
Caprolactam	105-60-2	--	--							17	J				
Carbazole	86-74-8	31000	1000	460	UJ	110	J	250	J	370	U			420	U
Chrysene	218-01-9	84000	1000	**1100**		**1300**		**2300**		42	J			140	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	300	J	310	J	520		370	U			420	U
Dibenzofuran	132-64-9	270000	5600	62	J	390	U	50	J	370	U			420	U
Diethylphthalate	84-66-2	1000000	1100000	460	U	390	U	390	U	370	U			420	U
Dimethylphthalate	131-11-3	1000000	1100000	460	U	390	U	390	U	370	U			420	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	53	J	390	U	390	U	370	U			420	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000	460	U	390	U	390	U	36	J			420	U
Fluoranthene	206-44-0	1000000	56000	1900		2100		2800		68	J			230	J
Fluorene	86-73-7	1000000	56000	96	J	91	J	85	J	370	U			420	U
Hexachlorobenzene	118-74-1	1000	1000	460	U	390	U	390	U	370	U			420	U
Hexachlorobutadiene	87-68-3	7900	--	460	U	390	U	390	U	370	U			420	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	460	U	390	U	390	U	370	U			420	U
Hexachloroethane	67-72-1	44000	1000	460	U	390	U	390	U	370	U			420	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	740		750		**1200**		22	J			69	J
Isophorone	78-59-1	640000	7400	460	U	390	U	390	U	370	U			420	U
Naphthalene	91-20-3	1000000	56000	460	U	390	U	390	U	370	U	5	U	420	U
Nitrobenzene	98-95-3	34000	1000	460	U	390	U	390	U	370	U			420	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	460	U	390	U	390	U	370	U			420	U
N-Nitrosodiphenylamine	86-30-6	130000	1400							370	U				
Pentachlorophenol	87-86-5	5100	1000	1200	UJ	980	UJ	990	UJ	920	U			1000	U
Phenanthrene	85-01-8	1000000	40000	1600		1200		2000		35	J			110	J
Phenol	108-95-2	1000000	800000	460	U	390	U	390	U	370	U			420	U
Pyrene	129-00-0	1000000	40000	2200		2400		3200		58	J			230	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0.5		0.5		0.5		0.5		0.5	
			Sample Location	SS-30		SS149		SS150		SS150		SS-23		SS-24	
			Sample ID	APJ91		80018-SS-SS149-1010		80018-SS-DUP03-1010		80018-SS-SS150-1010		APJ77		APJ79	
			Risk Zone	B		B		J*		J*		J*		J*	
			Bottom Depth	0.5		1		1		1		2		2	
			Sample Date	4/26/1999		10/5/2010		10/5/2010		10/5/2010		4/26/1999		4/26/1999	
			Sample Type	N		N		FD		N		N		N	
			Field Duplicate Parent					80018-SS-SS150-1010							
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			210	U	220	U	230	U				
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400			210	U	220	U	230	U				
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	430	U	210	U	220	U	230	U	360	U	380	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--			210	U	220	U	230	U				
2,4,5-Trichlorophenol	95-95-4	1000000	140000	1100	U	210	U	220	U	230	U	910	U	940	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	430	U	210	U	220	U	230	U	360	U	380	U
2,4-Dichlorophenol	120-83-2	200000	4000	430	U	210	U	220	U	230	U	360	U	380	U
2,4-Dimethylphenol	105-67-9	1000000	28000	430	U	210	U	220	U	230	U	360	U	380	U
2,4-Dinitrophenol	51-28-5	140000	2800	1100	U	420	U	430	U	440	U	910	U	940	U
2,4-Dinitrotoluene	121-14-2	140000	2800	430	U	210	U	220	U	230	U	360	U	380	U
2,6-Dinitrotoluene	606-20-2	--	1400	430	U	210	U	220	U	230	U	360	U	380	U
2-Chloronaphthalene	91-58-7	1000000	110000	430	U	210	U	220	U	230	U	360	U	380	U
2-Chlorophenol	95-57-8	340000	7200	430	U	210	U	220	U	230	U	360	U	380	U
2-Methylnaphthalene	91-57-6	474000	--	430	U	210	U	220	U	230	U	360	U	380	U
2-Methylphenol	95-48-7	1000000	70000	430	U	210	U	220	U	230	U	360	U	380	U
2-Nitroaniline	88-74-4	4100	1650	1100	U	420	U	430	U	440	U	910	U	940	U
2-Nitrophenol	88-75-5	540000	11000	430	U	210	U	220	U	230	U	360	U	380	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	430	U	210	U	220	U	230	U	360	UJ	380	U
3-Nitroaniline	99-09-2	200000	4200	1100	UJ	420	U	430	U	440	U	910	U	940	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1100	U	420	U	430	U	440	U	910	U	940	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	430	U	210	U	220	U	230	U	360	U	380	U
4-Chloro-3-Methylphenol	59-50-7	--	--	430	U	210	U	220	U	230	U	360	U	380	U
4-Chloroaniline	106-47-8	270000	5600	430	UJ	210	U	220	U	230	U	360	U	380	UJ
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	430	U	210	U	220	U	230	U	360	U	380	U
4-Methylphenol	106-44-5	340000	7000	430	U	210	U	220	U	230	U	360	U	380	U
4-Nitroaniline	100-01-6	200000	4200	1100	UJ	420	U	430	U	440	U	910	U	940	UJ
4-Nitrophenol	100-02-7	--	--	1100	U	420	U	430	U	440	U	910	U	940	U
Acenaphthene	83-32-9	1000000	84000	430	U	210	U	400		230	U	360	U	380	U
Acenaphthylene	208-96-8	1000000	84000	430	U	450		220	U	230	U	120	J	380	U
Acetophenone	98-86-2	--	--			210	U	220	U	230	U				
Anthracene	120-12-7	1000000	400000	430	UJ	190	J	1000	J	230	UJ	140	J	380	UJ
Atrazine	1912-24-9	2800	200			210	U	220	U	230	U				
Benzaldehyde	100-52-7	--	--			840	U	860	U	880	U				
Benzo(A)Anthracene	56-55-3	1000	1000	84	J	**1000**		**2400**	J	220	J	520		380	U
Benzo(A)Pyrene	50-32-8	1000	1000	65	J	**1200**		**2200**	J	230	J	420		380	U
Benzo(B)Fluoranthene	205-99-2	1000	1000	240	J	**1200**		**2000**	J	240	J	710		380	U
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	94	J	1200		1700	J	210	J	310	J	380	U
Benzo(K)Fluoranthene	207-08-9	8400	1000	170	J	**1100**		**1900**	J	180	J	200	J	380	UJ
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	430	U	210	U	220	U	230	U	360	U	380	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	430	U	210	U	220	U	230	U	360	U	380	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0.5		0.5		0.5		0.5		0.5	
			Sample Location	SS-30		SS149		SS150		SS150		SS-23		SS-24	
			Sample ID	APJ91		80018-SS-SS149-1010		80018-SS-DUP03-1010		80018-SS-SS150-1010		APJ77		APJ79	
			Risk Zone	B		B		J*		J*		J*		J*	
			Bottom Depth	0.5		1		1		1		2		2	
			Sample Date	4/26/1999		10/5/2010		10/5/2010		10/5/2010		4/26/1999		4/26/1999	
			Sample Type	N		N		FD		N		N		N	
			Field Duplicate Parent					80018-SS-SS150-1010							
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	430	U	94	J	190	J	230	U	80	J	380	U
Butylbenzylphthalate	85-68-7	1000000	200000	430	U	210	U	220	U	230	U	360	U	380	U
Caprolactam	105-60-2	--	--			210	U	220	U	230	U				
Carbazole	86-74-8	31000	1000	430	UJ	170	J	660	J	230	UJ	54	J	380	UJ
Chrysene	218-01-9	84000	1000	120	J	**1300**		**2400**	J	270	J	510		380	U
Dibenz(A,H)Anthracene	53-70-3	1000	1000	430	U	350		580	J	230	UJ	87	J	380	U
Dibenzofuran	132-64-9	270000	5600	430	U	210	U	210	J	230	U	360	U	380	U
Diethylphthalate	84-66-2	1000000	1100000	430	U	210	U	220	U	230	U	360	U	380	U
Dimethylphthalate	131-11-3	1000000	1100000	430	U	210	U	220	U	230	U	360	U	380	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	430	U	210	U	220	U	230	U	360	U	380	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000	430	U	210	U	220	U	230	U	360	UJ	380	U
Fluoranthene	206-44-0	1000000	56000	170	J	2600		6500	J	560	J	990		56	J
Fluorene	86-73-7	1000000	56000	430	U	210	U	410		230	U	55	J	380	U
Hexachlorobenzene	118-74-1	1000	1000	430	U	210	U	220	U	230	U	360	U	380	U
Hexachlorobutadiene	87-68-3	7900	--	430	U	210	U	220	U	230	U	360	U	380	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	430	U	210	U	220	U	230	U	360	U	380	U
Hexachloroethane	67-72-1	44000	1000	430	U	210	U	220	U	230	U	360	U	380	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	80	J	**1000**		**1500**	J	190	J	410		380	U
Isophorone	78-59-1	640000	7400	430	U	210	U	220	U	230	U	360	U	380	U
Naphthalene	91-20-3	1000000	56000	430	U	210	U	110	J	230	U	360	U	380	U
Nitrobenzene	98-95-3	34000	1000	430	U	210	U	220	U	230	U	360	U	380	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	430	U	210	U	220	U	230	U	360	U	380	U
N-Nitrosodiphenylamine	86-30-6	130000	1400			210	U	220	U	230	U				
Pentachlorophenol	87-86-5	5100	1000	1100	UJ	420	U	430	UJ	440	UJ	910	U	940	UJ
Phenanthrene	85-01-8	1000000	40000	72	J	1100		4700	J	320	J	570		380	U
Phenol	108-95-2	1000000	800000	430	U	210	U	220	U	230	U	360	U	380	U
Pyrene	129-00-0	1000000	40000	240	J	1900		4600	J	400	J	890		93	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0.5		0.5		0.5		2		2	
			Sample Location	SS-25		SS-26		SS-27		SB08		SB14	
			Sample ID	APJ81		APJ84		APJ86		SB08-02-03~AA25784~~103102		SB14-02-03~AA25782~~101602	
			Risk Zone	J*		J*		J*		J*		J*	
			Bottom Depth	2		2		2		3		3	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		10/31/2002		10/16/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--										
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400										
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	510	U	390	U	400	U				
2,3,4,6-Tetrachlorophenol	58-90-2	--	--										
2,4,5-Trichlorophenol	95-95-4	1000000	140000	1300	U	980	U	1000	U				
2,4,6-Trichlorophenol	88-06-2	56000	1000	510	U	390	U	400	U				
2,4-Dichlorophenol	120-83-2	200000	4000	510	U	390	U	400	U				
2,4-Dimethylphenol	105-67-9	1000000	28000	510	U	390	U	400	U				
2,4-Dinitrophenol	51-28-5	140000	2800	1300	U	980	U	1000	U				
2,4-Dinitrotoluene	121-14-2	140000	2800	510	U	390	U	400	U				
2,6-Dinitrotoluene	606-20-2	--	1400	510	U	390	U	400	U				
2-Chloronaphthalene	91-58-7	1000000	110000	510	U	390	U	400	U				
2-Chlorophenol	95-57-8	340000	7200	510	U	390	U	400	U				
2-Methylnaphthalene	91-57-6	474000	--	70	J	390	U	760					
2-Methylphenol	95-48-7	1000000	70000	510	U	390	U	48	J				
2-Nitroaniline	88-74-4	4100	1650	1300	U	980	U	1000	U				
2-Nitrophenol	88-75-5	540000	11000	510	U	390	U	400	U				
3,3'-Dichlorobenzidine	91-94-1	1400	330	510	U	390	U	400	U				
3-Nitroaniline	99-09-2	200000	4200	1300	U	980	UJ	1000	UJ				
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1300	U	980	U	1000	U				
4-Bromophenyl-Phenylether	101-55-3	500000	82000	510	U	390	U	400	U				
4-Chloro-3-Methylphenol	59-50-7	--	--	510	U	390	U	400	U				
4-Chloroaniline	106-47-8	270000	5600	510	U	390	UJ	400	UJ				
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	510	U	390	U	400	U				
4-Methylphenol	106-44-5	340000	7000	510	U	390	U	170	J				
4-Nitroaniline	100-01-6	200000	4200	1300	U	980	UJ	1000	UJ				
4-Nitrophenol	100-02-7	--	--	1300	U	980	U	1000	U				
Acenaphthene	83-32-9	1000000	84000	510	U	390	U	1300					
Acenaphthylene	208-96-8	1000000	84000	69	J	390	U	320	J				
Acetophenone	98-86-2	--	--										
Anthracene	120-12-7	1000000	400000	190	J	57	J	3200	J				
Atrazine	1912-24-9	2800	200										
Benzaldehyde	100-52-7	--	--										
Benzo(A)Anthracene	56-55-3	1000	1000	**1200**		320	J	**6200**					
Benzo(A)Pyrene	50-32-8	1000	1000	530		340	J	**3900**					
Benzo(B)Fluoranthene	205-99-2	1000	1000	**1200**		460		**3700**					
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	180	J	300	J	2700					
Benzo(K)Fluoranthene	207-08-9	8400	1000	340	J	270	J	**3000**	J				
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	510	U	390	U	400	U				
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	510	U	390	U	400	U				

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0.5		0.5		0.5		2		2	
			Sample Location	SS-25		SS-26		SS-27		SB08		SB14	
			Sample ID	APJ81		APJ84		APJ86		SB08-02-03~AA25784~~103102		SB14-02-03~AA25782~~101602	
			Risk Zone	J*		J*		J*		J*		J*	
			Bottom Depth	2		2		2		3		3	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		10/31/2002		10/16/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	2000		390	U	640	U				
Butylbenzylphthalate	85-68-7	1000000	200000	160	J	390	U	400	U				
Caprolactam	105-60-2	--	--										
Carbazole	86-74-8	31000	1000	510	U	390	UJ	**2000**	J				
Chrysene	218-01-9	84000	1000	**1300**		390	J	**6100**					
Dibenz(A,H)Anthracene	53-70-3	1000	1000	83	J	98	J	**1200**					
Dibenzofuran	132-64-9	270000	5600	100	J	390	U	1300					
Diethylphthalate	84-66-2	1000000	1100000	510	U	390	U	400	U				
Dimethylphthalate	131-11-3	1000000	1100000	510	U	140	J	400	U				
Di-N-Butyl Phthalate	84-74-2	1000000	140000	510	U	390	U	400	U				
Di-N-Octyl Phthalate	117-84-0	1000000	20000	510	UJ	390	U	400	U				
Fluoranthene	206-44-0	1000000	56000	1900		610		12000					
Fluorene	86-73-7	1000000	56000	510	U	390	U	1800					
Hexachlorobenzene	118-74-1	1000	1000	510	U	390	U	400	U				
Hexachlorobutadiene	87-68-3	7900	--	510	U	390	U	400	U				
Hexachlorocyclopentadiene	77-47-4	470000	9800	510	U	390	U	400	U				
Hexachloroethane	67-72-1	44000	1000	510	U	390	U	400	U				
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	360	J	250	J	**2600**					
Isophorone	78-59-1	640000	7400	510	U	390	U	400	U				
Naphthalene	91-20-3	1000000	56000	87	J	390	U	1000		5	U	5	J
Nitrobenzene	98-95-3	34000	1000	510	U	390	U	400	U				
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	510	U	390	U	400	U				
N-Nitrosodiphenylamine	86-30-6	130000	1400										
Pentachlorophenol	87-86-5	5100	1000	1300	U	980	UJ	1000	UJ				
Phenanthrene	85-01-8	1000000	40000	2600		310	J	14000					
Phenol	108-95-2	1000000	800000	510	U	390	U	68	J				
Pyrene	129-00-0	1000000	40000	2800		770		12000					

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	2		3		4		4		4	
			Sample Location	SB28		SB48		MW3D		SB21		SB21	
			Sample ID	SB28-02-03~AA26225~~102102		S-051804-JR-099		S-052704-JR-176		SB21-04-06~AA25702~~100402		SB-21-04-06~AD733~~100402	
			Risk Zone	J*		J*		J*		J*		J*	
			Bottom Depth	3		4		8		6		6	
			Sample Date	10/21/2002		5/18/2004		5/27/2004		10/4/2002		10/4/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--									720	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400										
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			1100	U	730	U			720	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--										
2,4,5-Trichlorophenol	95-95-4	1000000	140000			5100	U	3500	U			1800	U
2,4,6-Trichlorophenol	88-06-2	56000	1000			1100	U	730	U			720	U
2,4-Dichlorophenol	120-83-2	200000	4000			1100	U	730	U			720	U
2,4-Dimethylphenol	105-67-9	1000000	28000			1100	U	730	U			720	U
2,4-Dinitrophenol	51-28-5	140000	2800			5100	UJ	3500	U			1800	U
2,4-Dinitrotoluene	121-14-2	140000	2800			1100	U	730	U			720	U
2,6-Dinitrotoluene	606-20-2	--	1400			1100	U	730	U			720	U
2-Chloronaphthalene	91-58-7	1000000	110000			1100	U	730	U			720	U
2-Chlorophenol	95-57-8	340000	7200			1100	U	730	U			720	U
2-Methylnaphthalene	91-57-6	474000	--			1100	U	83	J			720	U
2-Methylphenol	95-48-7	1000000	70000			1100	U	730	U			720	U
2-Nitroaniline	88-74-4	4100	1650			5100	U	3500	U			1800	U
2-Nitrophenol	88-75-5	540000	11000			1100	U	730	U			720	U
3,3'-Dichlorobenzidine	91-94-1	1400	330			2100	U	1500	U			720	U
3-Nitroaniline	99-09-2	200000	4200			5100	U	3500	U			1800	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			5100	U	3500	U			1800	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000			1100	U	730	U			720	U
4-Chloro-3-Methylphenol	59-50-7	--	--			1100	U	730	U			720	U
4-Chloroaniline	106-47-8	270000	5600			1100	U	730	U			720	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			1100	U	730	U			720	U
4-Methylphenol	106-44-5	340000	7000			94	J	150	J			720	U
4-Nitroaniline	100-01-6	200000	4200			2100	U	1500	U			1800	U
4-Nitrophenol	100-02-7	--	--			5100	U	3500	U			1800	U
Acenaphthene	83-32-9	1000000	84000			120	J	36	J			720	U
Acenaphthylene	208-96-8	1000000	84000			180	J	430	J			720	U
Acetophenone	98-86-2	--	--			1100	U	730	U			720	U
Anthracene	120-12-7	1000000	400000			160	J	260	J			720	U
Atrazine	1912-24-9	2800	200			1100	U	730	UJ			720	U
Benzaldehyde	100-52-7	--	--			1100	UJ	730	UJ			720	U
Benzo(A)Anthracene	56-55-3	1000	1000			380	J	690	J				R
Benzo(A)Pyrene	50-32-8	1000	1000			410	J	**1200**				720	U
Benzo(B)Fluoranthene	205-99-2	1000	1000			860	J	**2300**				720	U
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			110	J	1100				720	U
Benzo(K)Fluoranthene	207-08-9	8400	1000			1100	U	730	U			720	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			1100	U	730	U			720	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			1100	U	730	U			720	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	2		3		4		4		4	
			Sample Location	SB28		SB48		MW3D		SB21		SB21	
			Sample ID	SB28-02-03~AA26225~~102102		S-051804-JR-099		S-052704-JR-176		SB21-04-06~AA25702~~100402		SB-21-04-06~AD733~~100402	
			Risk Zone	J*		J*		J*		J*		J*	
			Bottom Depth	3		4		8		6		6	
			Sample Date	10/21/2002		5/18/2004		5/27/2004		10/4/2002		10/4/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			280	J	1100				720	U
Butylbenzylphthalate	85-68-7	1000000	200000			1100	U	730	U			720	U
Caprolactam	105-60-2	--	--			1100	U	730	U			100	J
Carbazole	86-74-8	31000	1000			1100	U	150	J				R
Chrysene	218-01-9	84000	1000			590	J	**1200**				720	U
Dibenz(A,H)Anthracene	53-70-3	1000	1000			1100	U	420	J			720	U
Dibenzofuran	132-64-9	270000	5600			1100	U	50	J			720	U
Diethylphthalate	84-66-2	1000000	1100000			1100	U	730	U				R
Dimethylphthalate	131-11-3	1000000	1100000			1100	U	730	U			720	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000			51	J	42	J			720	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000			1100	U	730	U			720	U
Fluoranthene	206-44-0	1000000	56000			950	J	1700					R
Fluorene	86-73-7	1000000	56000			180	J	150	J			720	U
Hexachlorobenzene	118-74-1	1000	1000			1100	U	730	U			720	U
Hexachlorobutadiene	87-68-3	7900	--			1100	U	730	U			720	U
Hexachlorocyclopentadiene	77-47-4	470000	9800			1100	U	730	U			720	U
Hexachloroethane	67-72-1	44000	1000			1100	U	730	U			720	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			130	J	900					R
Isophorone	78-59-1	640000	7400			1100	U	730	U			720	U
Naphthalene	91-20-3	1000000	56000	6	U	200	J	88	J	8	U	720	U
Nitrobenzene	98-95-3	34000	1000			1100	U	730	U			720	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			1100	U	730	U			720	U
N-Nitrosodiphenylamine	86-30-6	130000	1400			1100	U	730	U			720	U
Pentachlorophenol	87-86-5	5100	1000			5100	U	3500	U			1800	U
Phenanthrene	85-01-8	1000000	40000			500	J	940				720	U
Phenol	108-95-2	1000000	800000			1100	U	730	U			720	U
Pyrene	129-00-0	1000000	40000			880	J	1300				720	U

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	4		5		5		5	
			Sample Location	SB22		SB07		SB08		SB169	
			Sample ID	SB22-04-05~AA25794~~101702		SB07-05-10~V2101610.D~~100902		SB08-05-10~S2101621.D~~100902		80018-SB169-0507	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	5		10		10		7	
			Sample Date	10/17/2002		10/9/2002		10/9/2002		10/27/2008	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			370	U	3700	U	250	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400							250	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			370	U	3700	U	250	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--							250	U
2,4,5-Trichlorophenol	95-95-4	1000000	140000			920	U	9400	U	250	U
2,4,6-Trichlorophenol	88-06-2	56000	1000			370	U	3700	U	250	U
2,4-Dichlorophenol	120-83-2	200000	4000			370	U	3700	U	250	U
2,4-Dimethylphenol	105-67-9	1000000	28000			370	U	3700	U	250	U
2,4-Dinitrophenol	51-28-5	140000	2800			920	U	9400	U	490	U
2,4-Dinitrotoluene	121-14-2	140000	2800			370	U	3700	U	250	U
2,6-Dinitrotoluene	606-20-2	--	1400			370	U	3700	U	250	U
2-Chloronaphthalene	91-58-7	1000000	110000			370	U	3700	U	250	U
2-Chlorophenol	95-57-8	340000	7200			370	U	3700	U	250	U
2-Methylnaphthalene	91-57-6	474000	--			370	U	3700	U	250	U
2-Methylphenol	95-48-7	1000000	70000			370	U	3700	U	250	U
2-Nitroaniline	88-74-4	4100	1650			920	U	9400	U	490	U
2-Nitrophenol	88-75-5	540000	11000			370	U	3700	U	250	U
3,3'-Dichlorobenzidine	91-94-1	1400	330			370	U	3700	UJ	250	U
3-Nitroaniline	99-09-2	200000	4200			920	U	9400	U	490	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			920	U	9400	U	490	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000			370	U	3700	U	250	U
4-Chloro-3-Methylphenol	59-50-7	--	--			370	U	3700	U	250	U
4-Chloroaniline	106-47-8	270000	5600			370	UJ	3700	U	250	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			370	U	3700	U	250	U
4-Methylphenol	106-44-5	340000	7000			370	U	3700	U	250	U
4-Nitroaniline	100-01-6	200000	4200			920	U	9400	U	490	U
4-Nitrophenol	100-02-7	--	--			920	U	9400	U	490	U
Acenaphthene	83-32-9	1000000	84000			370	U	3700	U	250	U
Acenaphthylene	208-96-8	1000000	84000			370	U	210	J	250	U
Acetophenone	98-86-2	--	--			370	U	3700	U	250	U
Anthracene	120-12-7	1000000	400000			370	U	230	J	250	U
Atrazine	1912-24-9	2800	200			370	U	3700	U	250	U
Benzaldehyde	100-52-7	--	--			370	UJ	3700	UJ	250	U
Benzo(A)Anthracene	56-55-3	1000	1000			370	U	410	J	130	J
Benzo(A)Pyrene	50-32-8	1000	1000			370	U	510	J	160	J
Benzo(B)Fluoranthene	205-99-2	1000	1000			370	U	400	J	220	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			370	U	430	J	82	J
Benzo(K)Fluoranthene	207-08-9	8400	1000			370	U	540	J	160	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			370	U	3700	U	250	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			370	U	3700	U	250	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	4		5		5		5	
			Sample Location	SB22		SB07		SB08		SB169	
			Sample ID	SB22-04-05~AA25794~~101702		SB07-05-10~V2101610.D~~100902		SB08-05-10~S2101621.D~~100902		80018-SB169-0507	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	5		10		10		7	
			Sample Date	10/17/2002		10/9/2002		10/9/2002		10/27/2008	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			370	U	1300	J	250	U
Butylbenzylphthalate	85-68-7	1000000	200000			370	U	3700	U	250	U
Caprolactam	105-60-2	--	--			370	U	3700	U	250	U
Carbazole	86-74-8	31000	1000			370	U	3700	U	25	J
Chrysene	218-01-9	84000	1000			370	U	630	J	220	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000			370	U	3700	U	250	U
Dibenzofuran	132-64-9	270000	5600			370	U	3700	U	250	U
Diethylphthalate	84-66-2	1000000	1100000			440		3700	U	250	U
Dimethylphthalate	131-11-3	1000000	1100000			370	U	3700	U	250	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000			370	U	3700	U	250	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000			370	U	3700	UJ	250	U
Fluoranthene	206-44-0	1000000	56000			370	U	970	J	400	
Fluorene	86-73-7	1000000	56000			370	U	3700	U	250	U
Hexachlorobenzene	118-74-1	1000	1000			370	U	3700	U	250	U
Hexachlorobutadiene	87-68-3	7900	--			370	U	3700	UJ	250	U
Hexachlorocyclopentadiene	77-47-4	470000	9800			370	U	3700	U	250	U
Hexachloroethane	67-72-1	44000	1000			370	U	3700	U	250	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			370	U	350	J	89	J
Isophorone	78-59-1	640000	7400			370	U	3700	U	250	U
Naphthalene	91-20-3	1000000	56000	7		370	U	3700	U	51	J
Nitrobenzene	98-95-3	34000	1000			370	U	3700	U	250	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			370	U	3700	U	250	U
N-Nitrosodiphenylamine	86-30-6	130000	1400			370	U	3700	U	250	U
Pentachlorophenol	87-86-5	5100	1000			920	U	9400	U	490	U
Phenanthrene	85-01-8	1000000	40000			370	U	720	J	230	J
Phenol	108-95-2	1000000	800000			370	U	3700	U	250	U
Pyrene	129-00-0	1000000	40000			370	U	1000	J	380	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
			Top Depth	5		5		6		10			
			Sample Location	SB23		SB24		SB48		SB14			
			Sample ID	SB23-05-10~V2101611.D~~101002		SB24-05-10~V2101708.D~~101002		S-051804-JR-100		SB14-10-15~V2101619.D~~100902			
			Risk Zone	J*		J*		J*		J*			
			Bottom Depth	10		10		10		15			
			Sample Date	10/10/2002		10/10/2002		5/18/2004		10/9/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	370	U	430	U			28	J		
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400										
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	720	U	430	U	390	U	530	UJ		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--										
2,4,5-Trichlorophenol	95-95-4	1000000	140000	1800	U	1100	U	1900	U	1300	UJ		
2,4,6-Trichlorophenol	88-06-2	56000	1000	720	U	430	U	390	U	530	UJ		
2,4-Dichlorophenol	120-83-2	200000	4000	720	U	430	U	390	U	530	UJ		
2,4-Dimethylphenol	105-67-9	1000000	28000	720	U	430	U	390	U	28	J		
2,4-Dinitrophenol	51-28-5	140000	2800	1800	U	1100	U	1900	U	1300	UJ		
2,4-Dinitrotoluene	121-14-2	140000	2800	720	U	430	U	390	U	530	UJ		
2,6-Dinitrotoluene	606-20-2	--	1400	720	U	430	U	390	U	530	UJ		
2-Chloronaphthalene	91-58-7	1000000	110000	720	U	430	U	390	U	530	UJ		
2-Chlorophenol	95-57-8	340000	7200	720	U	430	U	390	U	530	UJ		
2-Methylnaphthalene	91-57-6	474000	--	370	U	110	J	390	U	54	J		
2-Methylphenol	95-48-7	1000000	70000	720	U	430	U	390	U	530	UJ		
2-Nitroaniline	88-74-4	4100	1650	1800	U	1100	U	1900	U	1300	UJ		
2-Nitrophenol	88-75-5	540000	11000	720	U	430	U	390	U	530	UJ		
3,3'-Dichlorobenzidine	91-94-1	1400	330	360	U	430	U	780	U	530	UJ		
3-Nitroaniline	99-09-2	200000	4200	1800	U	1100	U	1900	U	1300	UJ		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1800	U	1100	U	1900	U	1300	UJ		
4-Bromophenyl-Phenylether	101-55-3	500000	82000	720	U	430	U	390	U	530	UJ		
4-Chloro-3-Methylphenol	59-50-7	--	--	720	U	430	U	390	U	530	UJ		
4-Chloroaniline	106-47-8	270000	5600	720	U	430	U	390	U	530	UJ		
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	720	U	430	U	390	U	530	UJ		
4-Methylphenol	106-44-5	340000	7000	720	U	430	U	390	U	530	UJ		
4-Nitroaniline	100-01-6	200000	4200	1800	U	1100	U	780	U	1300	UJ		
4-Nitrophenol	100-02-7	--	--	1800	U	1100	U	1900	U	1300	UJ		
Acenaphthene	83-32-9	1000000	84000	370	U	44	J	390	U	78	J		
Acenaphthylene	208-96-8	1000000	84000	370	U	430	U	390	U	110	J		
Acetophenone	98-86-2	--	--	720	U	430	U	390	U	530	UJ		
Anthracene	120-12-7	1000000	400000	370	U	29	J	390	U	570	J		
Atrazine	1912-24-9	2800	200	720	U	430	U	390	U	530	UJ		
Benzaldehyde	100-52-7	--	--	26	J	60	J	390	UJ	120	JEB		
Benzo(A)Anthracene	56-55-3	1000	1000	370	U	73	J	390	U	**1400**	J		
Benzo(A)Pyrene	50-32-8	1000	1000	370	U	77	J	390	U	890	J		
Benzo(B)Fluoranthene	205-99-2	1000	1000	370	U	97	J	390	U	**1900**	J		
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	370	U	69	J	390	U	450	J		
Benzo(K)Fluoranthene	207-08-9	8400	1000	370	U	80	J	390	U	**1500**	J		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	720	U	430	U	390	U	530	UJ		
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	720	U	430	U	390	U	530	UJ		

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	5		5		6		10	
			Sample Location	SB23		SB24		SB48		SB14	
			Sample ID	SB23-05-10~V2101611.D~~101002		SB24-05-10~V2101708.D~~101002		S-051804-JR-100		SB14-10-15~V2101619.D~~100902	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	10		10		10		15	
			Sample Date	10/10/2002		10/10/2002		5/18/2004		10/9/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	160	J	230	J	390	U	1400	J
Butylbenzylphthalate	85-68-7	1000000	200000	360	U	430	U	390	U	530	UJ
Caprolactam	105-60-2	--	--	720	J	430	U	390	U	530	UJ
Carbazole	86-74-8	31000	1000	370	U	430	U	390	U	270	J
Chrysene	218-01-9	84000	1000	370	U	96	J	390	U	**3300**	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	370	U	430	U	390	U	150	J
Dibenzofuran	132-64-9	270000	5600	370	U	430	U	390	U	65	J
Diethylphthalate	84-66-2	1000000	1100000	720	U	430	U	390	U	940	UJ
Dimethylphthalate	131-11-3	1000000	1100000	370	U	430	U	390	U	530	UJ
Di-N-Butyl Phthalate	84-74-2	1000000	140000	720	U	430	U	390	U	81	JEB
Di-N-Octyl Phthalate	117-84-0	1000000	20000	360	U	430	U	390	U	530	UJ
Fluoranthene	206-44-0	1000000	56000	370	U	140	J	390	U	2000	J
Fluorene	86-73-7	1000000	56000	370	U	89	J	390	U	200	J
Hexachlorobenzene	118-74-1	1000	1000	720	U	430	U	390	U	530	UJ
Hexachlorobutadiene	87-68-3	7900	--	720	U	430	U	390	U	530	UJ
Hexachlorocyclopentadiene	77-47-4	470000	9800	720	U	430	U	390	U	530	UJ
Hexachloroethane	67-72-1	44000	1000	720	U	430	U	390	U	530	UJ
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	370	U	61	J	390	U	630	J
Isophorone	78-59-1	640000	7400	720	U	430	U	390	U	530	UJ
Naphthalene	91-20-3	1000000	56000	370	U	430	U	390	U	93	J
Nitrobenzene	98-95-3	34000	1000	720	U	430	U	390	U	530	UJ
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	720	U	430	U	390	U	530	UJ
N-Nitrosodiphenylamine	86-30-6	130000	1400	720	U	430	U	390	U	530	UJ
Pentachlorophenol	87-86-5	5100	1000	1800	U	1100	U	1900	U	1300	UJ
Phenanthrene	85-01-8	1000000	40000	370	U	190	J	390	U	320	J
Phenol	108-95-2	1000000	800000	720	U	430	U	390	U	530	UJ
Pyrene	129-00-0	1000000	40000	370	U	250	J	390	U	730	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	10		10		10		10	
			Sample Location	SB15		SB15		SB171		SB21	
			Sample ID	SB15-10-11~AA25796~~101802		SB15-10-15~V2101705.D~~101102		80018-SB171-1012		SB21-10-15~H73GK185~~101402	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	11		15		12		15	
			Sample Date	10/18/2002		10/11/2002		10/27/2008		10/14/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			370	U	270	J		R
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400					270	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			720	U	270	U		R
2,3,4,6-Tetrachlorophenol	58-90-2	--	--					270	U		
2,4,5-Trichlorophenol	95-95-4	1000000	140000			1800	U	270	U		R
2,4,6-Trichlorophenol	88-06-2	56000	1000			720	U	270	U		R
2,4-Dichlorophenol	120-83-2	200000	4000			720	U	270	U		R
2,4-Dimethylphenol	105-67-9	1000000	28000			720	U	270	U		R
2,4-Dinitrophenol	51-28-5	140000	2800			1800	U	530	U		R
2,4-Dinitrotoluene	121-14-2	140000	2800			720	U	270	U		R
2,6-Dinitrotoluene	606-20-2	--	1400			720	U	270	U		R
2-Chloronaphthalene	91-58-7	1000000	110000			720	U	270	U		R
2-Chlorophenol	95-57-8	340000	7200			720	U	270	U		R
2-Methylnaphthalene	91-57-6	474000	--			370	U	1100			R
2-Methylphenol	95-48-7	1000000	70000			720	U	270	U		R
2-Nitroaniline	88-74-4	4100	1650			1800	U	530	U		R
2-Nitrophenol	88-75-5	540000	11000			720	U	270	U		R
3,3'-Dichlorobenzidine	91-94-1	1400	330			360	U	270	U		R
3-Nitroaniline	99-09-2	200000	4200			1800	U	530	U		R
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			1800	U	530	U		R
4-Bromophenyl-Phenylether	101-55-3	500000	82000			720	U	270	U		R
4-Chloro-3-Methylphenol	59-50-7	--	--			720	U	270	U		R
4-Chloroaniline	106-47-8	270000	5600			720	U	270	U		R
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			720	U	270	U		R
4-Methylphenol	106-44-5	340000	7000			720	U	270	U		R
4-Nitroaniline	100-01-6	200000	4200			1800	U	530	U		R
4-Nitrophenol	100-02-7	--	--			1800	U	530	U		R
Acenaphthene	83-32-9	1000000	84000			23	J	1700			R
Acenaphthylene	208-96-8	1000000	84000			370	U	530			R
Acetophenone	98-86-2	--	--			720	U	270	U		R
Anthracene	120-12-7	1000000	400000			65	J	3400			R
Atrazine	1912-24-9	2800	200			720	U	270	U		R
Benzaldehyde	100-52-7	--	--			55	J	270	U		R
Benzo(A)Anthracene	56-55-3	1000	1000			160	J	**7400**	D		R
Benzo(A)Pyrene	50-32-8	1000	1000			140	J	**8400**	D		R
Benzo(B)Fluoranthene	205-99-2	1000	1000			160	J	**11000**	D		R
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			98	J	1400			R
Benzo(K)Fluoranthene	207-08-9	8400	1000			160	J	**5700**	D		R
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			720	U	270	U		R
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			720	U	270	U		R

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	10		10		10		10	
			Sample Location	SB15		SB15		SB171		SB21	
			Sample ID	SB15-10-11~AA25796~~101802		SB15-10-15~V2101705.D~~101102		80018-SB171-1012		SB21-10-15~H73GK185~~101402	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	11		15		12		15	
			Sample Date	10/18/2002		10/11/2002		10/27/2008		10/14/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			170	J	270	U	170	J
Butylbenzylphthalate	85-68-7	1000000	200000			360	U	270	U		R
Caprolactam	105-60-2	--	--			720	J	270	U		R
Carbazole	86-74-8	31000	1000			46	J	**2200**			R
Chrysene	218-01-9	84000	1000			160	J	**8800**	D		R
Dibenz(A,H)Anthracene	53-70-3	1000	1000			20	J	540			R
Dibenzofuran	132-64-9	270000	5600			24	J	1300			R
Diethylphthalate	84-66-2	1000000	1100000			720	U	270	U		R
Dimethylphthalate	131-11-3	1000000	1100000			370	U	270	U		R
Di-N-Butyl Phthalate	84-74-2	1000000	140000			720	J	270	U		R
Di-N-Octyl Phthalate	117-84-0	1000000	20000			360	U	270	U		R
Fluoranthene	206-44-0	1000000	56000			430		29000	D		R
Fluorene	86-73-7	1000000	56000			33	J	2400			R
Hexachlorobenzene	118-74-1	1000	1000			720	U	270	U		R
Hexachlorobutadiene	87-68-3	7900	--			720	U	270	U		R
Hexachlorocyclopentadiene	77-47-4	470000	9800			720	U	270	U		R
Hexachloroethane	67-72-1	44000	1000			720	U	270	U		R
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			120	J	**1500**			R
Isophorone	78-59-1	640000	7400			720	U	270	U		R
Naphthalene	91-20-3	1000000	56000	2	J	370	U	800			R
Nitrobenzene	98-95-3	34000	1000			720	U	270	U		R
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			720	U	270	U		R
N-Nitrosodiphenylamine	86-30-6	130000	1400			720	U	270	U		R
Pentachlorophenol	87-86-5	5100	1000			1800	U	530	U		R
Phenanthrene	85-01-8	1000000	40000			380		23000	D		R
Phenol	108-95-2	1000000	800000			720	U	270	U		R
Pyrene	129-00-0	1000000	40000			370		15000	D		R

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	10		10	
			Sample Location	SB22		SB22	
			Sample ID	KSB22-10-15~V2101613.D~FDOFA0S88~101002		SB22-10-15~V2101612.D~FDOFA0S89~101002	
			Risk Zone	J*		J*	
			Bottom Depth	15		15	
			Sample Date	10/10/2002		10/10/2002	
			Sample Type	FD		N	
			Field Duplicate Parent	SB22-10-15~V2101612.D~FDOFA0S89~101002			
			Unit	ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	370	U	350	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400				
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	370	U	350	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--				
2,4,5-Trichlorophenol	95-95-4	1000000	140000	940	U	890	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	370	U	350	U
2,4-Dichlorophenol	120-83-2	200000	4000	370	U	350	U
2,4-Dimethylphenol	105-67-9	1000000	28000	370	U	350	U
2,4-Dinitrophenol	51-28-5	140000	2800	940	U	890	U
2,4-Dinitrotoluene	121-14-2	140000	2800	370	U	350	U
2,6-Dinitrotoluene	606-20-2	--	1400	370	U	350	U
2-Chloronaphthalene	91-58-7	1000000	110000	370	U	350	U
2-Chlorophenol	95-57-8	340000	7200	370	U	350	U
2-Methylnaphthalene	91-57-6	474000	--	20	J	350	U
2-Methylphenol	95-48-7	1000000	70000	370	U	350	U
2-Nitroaniline	88-74-4	4100	1650	940	U	890	U
2-Nitrophenol	88-75-5	540000	11000	370	U	350	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	370	U	350	U
3-Nitroaniline	99-09-2	200000	4200	940	U	890	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	940	U	890	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	370	U	350	U
4-Chloro-3-Methylphenol	59-50-7	--	--	370	U	350	U
4-Chloroaniline	106-47-8	270000	5600	370	U	350	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	370	U	350	U
4-Methylphenol	106-44-5	340000	7000	370	U	350	U
4-Nitroaniline	100-01-6	200000	4200	940	U	890	U
4-Nitrophenol	100-02-7	--	--	940	U	890	U
Acenaphthene	83-32-9	1000000	84000	370	U	350	U
Acenaphthylene	208-96-8	1000000	84000	370	U	350	U
Acetophenone	98-86-2	--	--	370	U	350	U
Anthracene	120-12-7	1000000	400000	370	U	350	U
Atrazine	1912-24-9	2800	200	370	U	350	U
Benzaldehyde	100-52-7	--	--	30	J	38	J
Benzo(A)Anthracene	56-55-3	1000	1000	54	J	43	J
Benzo(A)Pyrene	50-32-8	1000	1000	51	J	45	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	56	J	48	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	34	J	31	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	58	J	46	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	370	U	350	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	370	U	350	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	10		10	
			Sample Location	SB22		SB22	
			Sample ID	KSB22-10-15~V2101613.D~FDOFA0S88~101002		SB22-10-15~V2101612.D~FDOFA0S89~101002	
			Risk Zone	J*		J*	
			Bottom Depth	15		15	
			Sample Date	10/10/2002		10/10/2002	
			Sample Type	FD		N	
			Field Duplicate Parent	SB22-10-15~V2101612.D~FDOFA0S89~101002			
			Unit	ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	270	J	220	J
Butylbenzylphthalate	85-68-7	1000000	200000	370	U	350	U
Caprolactam	105-60-2	--	--	370	U	23	J
Carbazole	86-74-8	31000	1000	370	U	350	U
Chrysene	218-01-9	84000	1000	64	J	51	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	370	U	350	U
Dibenzofuran	132-64-9	270000	5600	370	U	350	U
Diethylphthalate	84-66-2	1000000	1100000	370	U	350	U
Dimethylphthalate	131-11-3	1000000	1100000	370	U	350	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	370	U	350	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000	370	U	350	U
Fluoranthene	206-44-0	1000000	56000	120	J	100	J
Fluorene	86-73-7	1000000	56000	370	U	18	J
Hexachlorobenzene	118-74-1	1000	1000	370	U	350	U
Hexachlorobutadiene	87-68-3	7900	--	370	U	350	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	370	U	350	U
Hexachloroethane	67-72-1	44000	1000	370	U	350	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	41	J	36	J
Isophorone	78-59-1	640000	7400	370	U	350	U
Naphthalene	91-20-3	1000000	56000	370	U	350	U
Nitrobenzene	98-95-3	34000	1000	370	U	350	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	370	U	350	U
N-Nitrosodiphenylamine	86-30-6	130000	1400	370	U	350	U
Pentachlorophenol	87-86-5	5100	1000	940	U	890	U
Phenanthrene	85-01-8	1000000	40000	79	J	74	J
Phenol	108-95-2	1000000	800000	370	U	350	U
Pyrene	129-00-0	1000000	40000	130	J	110	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	10		10		12	
			Sample Location	SB23		SB23		MW3D	
			Sample ID	K5B23-10-15~V2101609.D~FDOFA0KM0~101002		SB23-10-15~V2101608.D~FDOFA0KM1~101002		S-052704-JR-177	
			Risk Zone	J*		J*		J*	
			Bottom Depth	15		15		16	
			Sample Date	10/10/2002		10/10/2002		5/27/2004	
			Sample Type	FD		N		N	
			Field Duplicate Parent	SB23-10-15~V2101608.D~FDOFA0KM1~101002					
			Unit	ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	380	U	360	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400						
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	380	U	360	U	390	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--						
2,4,5-Trichlorophenol	95-95-4	1000000	140000	960	U	910	U	1900	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	380	U	360	U	390	U
2,4-Dichlorophenol	120-83-2	200000	4000	380	U	360	U	390	U
2,4-Dimethylphenol	105-67-9	1000000	28000	380	U	360	U	390	U
2,4-Dinitrophenol	51-28-5	140000	2800	960	U	910	U	1900	U
2,4-Dinitrotoluene	121-14-2	140000	2800	380	U	360	U	390	U
2,6-Dinitrotoluene	606-20-2	--	1400	380	U	360	U	390	U
2-Chloronaphthalene	91-58-7	1000000	110000	380	U	360	U	390	U
2-Chlorophenol	95-57-8	340000	7200	380	U	360	U	390	U
2-Methylnaphthalene	91-57-6	474000	--	380	U	360	U	43	J
2-Methylphenol	95-48-7	1000000	70000	380	U	360	U	390	U
2-Nitroaniline	88-74-4	4100	1650	960	U	910	U	1900	U
2-Nitrophenol	88-75-5	540000	11000	380	U	360	U	390	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	380	U	360	U	770	U
3-Nitroaniline	99-09-2	200000	4200	960	U	910	U	1900	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	960	U	910	U	1900	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	380	U	360	U	390	U
4-Chloro-3-Methylphenol	59-50-7	--	--	380	U	360	U	390	U
4-Chloroaniline	106-47-8	270000	5600	380	UJ	360	UJ	390	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	380	U	360	U	390	U
4-Methylphenol	106-44-5	340000	7000	380	U	360	U	390	U
4-Nitroaniline	100-01-6	200000	4200	960	U	910	U	770	U
4-Nitrophenol	100-02-7	--	--	960	U	910	U	1900	U
Acenaphthene	83-32-9	1000000	84000	380	U	360	U	88	J
Acenaphthylene	208-96-8	1000000	84000	380	U	360	U	130	J
Acetophenone	98-86-2	--	--	380	U	360	U	390	U
Anthracene	120-12-7	1000000	400000	380	U	360	U	230	J
Atrazine	1912-24-9	2800	200	380	U	360	U	390	UJ
Benzaldehyde	100-52-7	--	--	380	UJ	360	UJ	390	UJ
Benzo(A)Anthracene	56-55-3	1000	1000	380	U	360	U	530	
Benzo(A)Pyrene	50-32-8	1000	1000	380	U	360	U	420	
Benzo(B)Fluoranthene	205-99-2	1000	1000	380	U	360	U	750	
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	380	U	360	U	260	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	380	U	360	U	390	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	380	U	360	U	390	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	380	U	360	U	390	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	10		10		12	
			Sample Location	SB23		SB23		MW3D	
			Sample ID	K5B23-10-15~V2101609.D~FDOFA0KM0~101002		SB23-10-15~V2101608.D~FDOFA0KM1~101002		S-052704-JR-177	
			Risk Zone	J*		J*		J*	
			Bottom Depth	15		15		16	
			Sample Date	10/10/2002		10/10/2002		5/27/2004	
			Sample Type	FD		N		N	
			Field Duplicate Parent	SB23-10-15~V2101608.D~FDOFA0KM1~101002					
			Unit	ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	380	U	360	U	390	U
Butylbenzylphthalate	85-68-7	1000000	200000	380	U	360	U	390	U
Caprolactam	105-60-2	--	--	380	U	360	U	390	U
Carbazole	86-74-8	31000	1000	380	U	360	U	66	J
Chrysene	218-01-9	84000	1000	380	U	360	U	560	
Dibenz(A,H)Anthracene	53-70-3	1000	1000	380	U	360	U	120	J
Dibenzofuran	132-64-9	270000	5600	380	U	360	U	390	U
Diethylphthalate	84-66-2	1000000	1100000	380	U	30	J	390	U
Dimethylphthalate	131-11-3	1000000	1100000	380	U	360	U	390	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	39	JEB	29	JEB	220	J
Di-N-Octyl Phthalate	117-84-0	1000000	20000	380	U	360	U	390	U
Fluoranthene	206-44-0	1000000	56000	380	U	360	U	1100	
Fluorene	86-73-7	1000000	56000	380	U	360	U	240	J
Hexachlorobenzene	118-74-1	1000	1000	380	U	360	U	390	U
Hexachlorobutadiene	87-68-3	7900	--	380	U	360	U	390	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	380	U	360	U	390	U
Hexachloroethane	67-72-1	44000	1000	380	U	360	U	390	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	380	U	360	U	260	J
Isophorone	78-59-1	640000	7400	380	U	360	U	390	U
Naphthalene	91-20-3	1000000	56000	380	U	360	U	39	J
Nitrobenzene	98-95-3	34000	1000	380	U	360	U	390	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	380	U	360	U	390	U
N-Nitrosodiphenylamine	86-30-6	130000	1400	380	U	360	U	390	U
Pentachlorophenol	87-86-5	5100	1000	960	U	910	U	1900	U
Phenanthrene	85-01-8	1000000	40000	380	U	360	U	500	
Phenol	108-95-2	1000000	800000	380	U	360	U	390	U
Pyrene	129-00-0	1000000	40000	380	U	360	U	1100	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	12		13		15		16	
			Sample Location	SB07		SB23		SB08		MW3D	
			Sample ID	SB07-12-13~AA25781~~102402		SB23-13-14~AA25787~~100902		SB08-15-16~AA25785~~110102		S-052704-JR-178	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	13		14		16		20	
			Sample Date	10/24/2002		10/9/2002		11/1/2002		5/27/2004	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--								
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400							1100	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000							5600	U
2,4,6-Trichlorophenol	88-06-2	56000	1000							1100	U
2,4-Dichlorophenol	120-83-2	200000	4000							1100	U
2,4-Dimethylphenol	105-67-9	1000000	28000							1100	U
2,4-Dinitrophenol	51-28-5	140000	2800							5600	U
2,4-Dinitrotoluene	121-14-2	140000	2800							1100	U
2,6-Dinitrotoluene	606-20-2	--	1400							1100	U
2-Chloronaphthalene	91-58-7	1000000	110000							1100	U
2-Chlorophenol	95-57-8	340000	7200							1100	U
2-Methylnaphthalene	91-57-6	474000	--							1100	U
2-Methylphenol	95-48-7	1000000	70000							1100	U
2-Nitroaniline	88-74-4	4100	1650							5600	U
2-Nitrophenol	88-75-5	540000	11000							1100	U
3,3'-Dichlorobenzidine	91-94-1	1400	330							2300	U
3-Nitroaniline	99-09-2	200000	4200							5600	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--							5600	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000							1100	U
4-Chloro-3-Methylphenol	59-50-7	--	--							1100	U
4-Chloroaniline	106-47-8	270000	5600							1100	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000							1100	U
4-Methylphenol	106-44-5	340000	7000							1100	U
4-Nitroaniline	100-01-6	200000	4200							2300	U
4-Nitrophenol	100-02-7	--	--							5600	U
Acenaphthene	83-32-9	1000000	84000							60	J
Acenaphthylene	208-96-8	1000000	84000							200	J
Acetophenone	98-86-2	--	--							1100	U
Anthracene	120-12-7	1000000	400000							150	J
Atrazine	1912-24-9	2800	200							1100	UJ
Benzaldehyde	100-52-7	--	--							1100	UJ
Benzo(A)Anthracene	56-55-3	1000	1000							690	J
Benzo(A)Pyrene	50-32-8	1000	1000							760	J
Benzo(B)Fluoranthene	205-99-2	1000	1000							**1000**	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000							680	J
Benzo(K)Fluoranthene	207-08-9	8400	1000							990	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--							1100	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400							1100	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	12		13		15		16	
			Sample Location	SB07		SB23		SB08		MW3D	
			Sample ID	SB07-12-13~AA25781~~102402		SB23-13-14~AA25787~~100902		SB08-15-16~AA25785~~110102		S-052704-JR-178	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	13		14		16		20	
			Sample Date	10/24/2002		10/9/2002		11/1/2002		5/27/2004	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000							1100	U
Butylbenzylphthalate	85-68-7	1000000	200000							1100	U
Caprolactam	105-60-2	--	--							1100	U
Carbazole	86-74-8	31000	1000							100	J
Chrysene	218-01-9	84000	1000							**1100**	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000							260	J
Dibenzofuran	132-64-9	270000	5600							1100	U
Diethylphthalate	84-66-2	1000000	1100000							1100	U
Dimethylphthalate	131-11-3	1000000	1100000							1100	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000							770	J
Di-N-Octyl Phthalate	117-84-0	1000000	20000							1100	U
Fluoranthene	206-44-0	1000000	56000							1600	
Fluorene	86-73-7	1000000	56000							120	J
Hexachlorobenzene	118-74-1	1000	1000							1100	U
Hexachlorobutadiene	87-68-3	7900	--							1100	U
Hexachlorocyclopentadiene	77-47-4	470000	9800							1100	U
Hexachloroethane	67-72-1	44000	1000							1100	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000							620	J
Isophorone	78-59-1	640000	7400							1100	U
Naphthalene	91-20-3	1000000	56000	6	U	5	U	4	U	1100	U
Nitrobenzene	98-95-3	34000	1000							1100	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000							1100	U
N-Nitrosodiphenylamine	86-30-6	130000	1400							1100	U
Pentachlorophenol	87-86-5	5100	1000							5600	U
Phenanthrene	85-01-8	1000000	40000							440	J
Phenol	108-95-2	1000000	800000							1100	U
Pyrene	129-00-0	1000000	40000							1300	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	16		17		18		18	
			Sample Location	SB15		SB21		SB14		SB22	
			Sample ID	SB15-16-17~AA25795~~101802		SB21-17-18~AA26028~~101702		SB14-18-19~AA25783~~101602		SB22-18-19~AA25793~~101702	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	17		18		19		19	
			Sample Date	10/18/2002		10/17/2002		10/16/2002		10/17/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--								
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400								
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000								
2,4,6-Trichlorophenol	88-06-2	56000	1000								
2,4-Dichlorophenol	120-83-2	200000	4000								
2,4-Dimethylphenol	105-67-9	1000000	28000								
2,4-Dinitrophenol	51-28-5	140000	2800								
2,4-Dinitrotoluene	121-14-2	140000	2800								
2,6-Dinitrotoluene	606-20-2	--	1400								
2-Chloronaphthalene	91-58-7	1000000	110000								
2-Chlorophenol	95-57-8	340000	7200								
2-Methylnaphthalene	91-57-6	474000	--								
2-Methylphenol	95-48-7	1000000	70000								
2-Nitroaniline	88-74-4	4100	1650								
2-Nitrophenol	88-75-5	540000	11000								
3,3'-Dichlorobenzidine	91-94-1	1400	330								
3-Nitroaniline	99-09-2	200000	4200								
4,6-Dinitro-2-Methylphenol	534-52-1	--	--								
4-Bromophenyl-Phenylether	101-55-3	500000	82000								
4-Chloro-3-Methylphenol	59-50-7	--	--								
4-Chloroaniline	106-47-8	270000	5600								
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000								
4-Methylphenol	106-44-5	340000	7000								
4-Nitroaniline	100-01-6	200000	4200								
4-Nitrophenol	100-02-7	--	--								
Acenaphthene	83-32-9	1000000	84000								
Acenaphthylene	208-96-8	1000000	84000								
Acetophenone	98-86-2	--	--								
Anthracene	120-12-7	1000000	400000								
Atrazine	1912-24-9	2800	200								
Benzaldehyde	100-52-7	--	--								
Benzo(A)Anthracene	56-55-3	1000	1000								
Benzo(A)Pyrene	50-32-8	1000	1000								
Benzo(B)Fluoranthene	205-99-2	1000	1000								
Benzo(G,H,I)Perylene	191-24-2	1000000	42000								
Benzo(K)Fluoranthene	207-08-9	8400	1000								
Bis(2-Chloroethoxy)Methane	111-91-1	--	--								
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400								

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		
			Top Depth	16		17		18		18		
			Sample Location	SB15		SB21		SB14		SB22		
			Sample ID	SB15-16-17~AA25795~~101802		SB21-17-18~AA26028~~101702		SB14-18-19~AA25783~~101602		SB22-18-19~AA25793~~101702		
			Risk Zone	J*		J*		J*		J*		
			Bottom Depth	17		18		19		19		
			Sample Date	10/18/2002		10/17/2002		10/16/2002		10/17/2002		
			Sample Type	N		N		N		N		
			Field Duplicate Parent									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000									
Butylbenzylphthalate	85-68-7	1000000	200000									
Caprolactam	105-60-2	--	--									
Carbazole	86-74-8	31000	1000									
Chrysene	218-01-9	84000	1000									
Dibenz(A,H)Anthracene	53-70-3	1000	1000									
Dibenzofuran	132-64-9	270000	5600									
Diethylphthalate	84-66-2	1000000	1100000									
Dimethylphthalate	131-11-3	1000000	1100000									
Di-N-Butyl Phthalate	84-74-2	1000000	140000									
Di-N-Octyl Phthalate	117-84-0	1000000	20000									
Fluoranthene	206-44-0	1000000	56000									
Fluorene	86-73-7	1000000	56000									
Hexachlorobenzene	118-74-1	1000	1000									
Hexachlorobutadiene	87-68-3	7900	--									
Hexachlorocyclopentadiene	77-47-4	470000	9800									
Hexachloroethane	67-72-1	44000	1000									
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000									
Isophorone	78-59-1	640000	7400									
Naphthalene	91-20-3	1000000	56000	1	J	22	U	5	U	6		
Nitrobenzene	98-95-3	34000	1000									
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000									
N-Nitrosodiphenylamine	86-30-6	130000	1400									
Pentachlorophenol	87-86-5	5100	1000									
Phenanthrene	85-01-8	1000000	40000									
Phenol	108-95-2	1000000	800000									
Pyrene	129-00-0	1000000	40000									

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	18		0		0		0	
			Sample Location	SB24		SB05		SS03		SS03	
			Sample ID	SB24-18-19~AA25790~~101102		SB05-00-05~H73GK243~~101802		SS-03~AA25778~~100802		SS-03~S2101409.D~~100802	
			Risk Zone	J*		E1*		E1*		E1*	
			Bottom Depth	19		5		0.25		0.25	
			Sample Date	10/11/2002		10/18/2002		10/8/2002		10/8/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			340	U			400	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			340	U			400	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000			860	U			1000	U
2,4,6-Trichlorophenol	88-06-2	56000	1000			340	U			400	U
2,4-Dichlorophenol	120-83-2	200000	4000			340	U			400	U
2,4-Dimethylphenol	105-67-9	1000000	28000			340	U			400	U
2,4-Dinitrophenol	51-28-5	140000	2800			860	U			1000	U
2,4-Dinitrotoluene	121-14-2	140000	2800			340	U			400	U
2,6-Dinitrotoluene	606-20-2	--	1400			340	U			400	U
2-Chloronaphthalene	91-58-7	1000000	110000			340	U			400	U
2-Chlorophenol	95-57-8	340000	7200			340	U			400	U
2-Methylnaphthalene	91-57-6	474000	--			340	U			400	U
2-Methylphenol	95-48-7	1000000	70000			340	U			400	U
2-Nitroaniline	88-74-4	4100	1650			860	U			1000	U
2-Nitrophenol	88-75-5	540000	11000			340	U			400	U
3,3'-Dichlorobenzidine	91-94-1	1400	330			340	U			400	UJ
3-Nitroaniline	99-09-2	200000	4200			860	U			1000	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			860	U			1000	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000			340	U			400	U
4-Chloro-3-Methylphenol	59-50-7	--	--			340	U			400	U
4-Chloroaniline	106-47-8	270000	5600			340	U			400	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			340	U			400	U
4-Methylphenol	106-44-5	340000	7000			340	U			400	U
4-Nitroaniline	100-01-6	200000	4200			860	U			1000	U
4-Nitrophenol	100-02-7	--	--			860	U			1000	U
Acenaphthene	83-32-9	1000000	84000			340	U			400	U
Acenaphthylene	208-96-8	1000000	84000			340	U			400	U
Acetophenone	98-86-2	--	--			340	U			400	U
Anthracene	120-12-7	1000000	400000			340	U			400	U
Atrazine	1912-24-9	2800	200			340	U			400	U
Benzaldehyde	100-52-7	--	--			340	U			400	U
Benzo(A)Anthracene	56-55-3	1000	1000			340	U			47	J
Benzo(A)Pyrene	50-32-8	1000	1000			340	U			59	J
Benzo(B)Fluoranthene	205-99-2	1000	1000			340	U			92	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			340	U			63	J
Benzo(K)Fluoranthene	207-08-9	8400	1000			340	U			91	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			340	U			400	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			340	U			400	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	18		0		0		0	
			Sample Location	SB24		SB05		SS03		SS03	
			Sample ID	SB24-18-19~AA25790~~101102		SB05-00-05~H73GK243~~101802		SS-03~AA25778~~100802		SS-03~S2101409.D~~100802	
			Risk Zone	J*		E1*		E1*		E1*	
			Bottom Depth	19		5		0.25		0.25	
			Sample Date	10/11/2002		10/18/2002		10/8/2002		10/8/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			200	J			400	UJ
Butylbenzylphthalate	85-68-7	1000000	200000			340	U			400	U
Caprolactam	105-60-2	--	--			340	U			400	U
Carbazole	86-74-8	31000	1000			340	U			400	U
Chrysene	218-01-9	84000	1000			340	U			80	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000			340	U			31	J
Dibenzofuran	132-64-9	270000	5600			340	U			400	U
Diethylphthalate	84-66-2	1000000	1100000			340	U			400	U
Dimethylphthalate	131-11-3	1000000	1100000			340	U			400	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000			340	U			400	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000			340	U			400	U
Fluoranthene	206-44-0	1000000	56000			340	U			130	J
Fluorene	86-73-7	1000000	56000			340	U			400	U
Hexachlorobenzene	118-74-1	1000	1000			340	U			400	U
Hexachlorobutadiene	87-68-3	7900	--			340	U			400	U
Hexachlorocyclopentadiene	77-47-4	470000	9800			340	U			400	U
Hexachloroethane	67-72-1	44000	1000			340	U			400	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			340	U			59	J
Isophorone	78-59-1	640000	7400			340	U			400	U
Naphthalene	91-20-3	1000000	56000	6	U	340	U	5	U	400	U
Nitrobenzene	98-95-3	34000	1000			340	U			400	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			340	U			400	U
N-Nitrosodiphenylamine	86-30-6	130000	1400			340	U			400	U
Pentachlorophenol	87-86-5	5100	1000			860	U			1000	U
Phenanthrene	85-01-8	1000000	40000			340	U			42	J
Phenol	108-95-2	1000000	800000			340	U			400	U
Pyrene	129-00-0	1000000	40000			340	U			90	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0		0		0		0		0	
			Sample Location	SS04		SS04		SS04		SS-17		SS-17	
			Sample ID	KSS-04~AD735~FDOFA0RF7~100402		SS-04~AA25699~~100402		SS-04~AD734~FDOFA0RK2~100402		APJ63		APJ65	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Bottom Depth	0.25		0.25		0.25		0.5		0.5	
			Sample Date	10/4/2002		10/4/2002		10/4/2002		4/26/1999		4/26/1999	
			Sample Type	FD		N		N		N		FD	
			Field Duplicate Parent	SS-04~AD734~FDOFA0RK2~100402								APJ63	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	450	U			480	U				
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400										
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	450	U			480	U	390	U	390	UJ
2,3,4,6-Tetrachlorophenol	58-90-2	--	--										
2,4,5-Trichlorophenol	95-95-4	1000000	140000	1100	U			1200	U	980	U	990	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	450	U			480	U	390	U	390	U
2,4-Dichlorophenol	120-83-2	200000	4000	450	U			480	U	390	U	390	U
2,4-Dimethylphenol	105-67-9	1000000	28000	450	U			480	U	390	U	390	U
2,4-Dinitrophenol	51-28-5	140000	2800	1100	U			1200	U	980	U	990	U
2,4-Dinitrotoluene	121-14-2	140000	2800	450	U			480	U	390	U	390	U
2,6-Dinitrotoluene	606-20-2	--	1400	450	U			480	U	390	U	390	U
2-Chloronaphthalene	91-58-7	1000000	110000	450	U			480	U	390	U	390	U
2-Chlorophenol	95-57-8	340000	7200	450	U			480	U	390	U	390	U
2-Methylnaphthalene	91-57-6	474000	--	450	U			480	U	390	U	390	U
2-Methylphenol	95-48-7	1000000	70000	450	U			480	U	390	U	390	U
2-Nitroaniline	88-74-4	4100	1650	1100	U			1200	U	980	U	990	UJ
2-Nitrophenol	88-75-5	540000	11000	450	U			480	U	390	U	390	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	450	U			480	U	390	U	390	U
3-Nitroaniline	99-09-2	200000	4200	1100	U			1200	U	980	U	990	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1100	U			1200	U	980	U	990	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	450	U			480	U	390	U	390	U
4-Chloro-3-Methylphenol	59-50-7	--	--	450	U			480	U	390	U	390	U
4-Chloroaniline	106-47-8	270000	5600	450	U			480	U	390	UJ	390	UJ
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	450	U			480	U	390	U	390	U
4-Methylphenol	106-44-5	340000	7000	450	U			480	U	390	U	390	U
4-Nitroaniline	100-01-6	200000	4200	1100	U			1200	U	980	U	990	U
4-Nitrophenol	100-02-7	--	--	1100	U			1200	U	980	U	990	UJ
Acenaphthene	83-32-9	1000000	84000	450	U			480	U	390	U	390	U
Acenaphthylene	208-96-8	1000000	84000	450	U			480	U	390	U	390	U
Acetophenone	98-86-2	--	--	450	U			480	U				
Anthracene	120-12-7	1000000	400000	450	U			480	U	390	U	390	U
Atrazine	1912-24-9	2800	200	450	U			480	U				
Benzaldehyde	100-52-7	--	--	450	U			480	U				
Benzo(A)Anthracene	56-55-3	1000	1000	90	J			86	J	57	J	68	J
Benzo(A)Pyrene	50-32-8	1000	1000	110	J			100	J	54	J	78	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	140	J			120	J	84	J	110	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	450	U			480	U	41	J	67	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	100	J			100	J	390	U	69	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	450	U			480	U	390	U	390	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	450	U			480	U	390	U	390	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0		0		0		0		0	
			Sample Location	SS04		SS04		SS04		SS-17		SS-17	
			Sample ID	KSS-04~AD735~FDOFA0RF7~100402		SS-04~AA25699~~100402		SS-04~AD734~FDOFA0RK2~100402		APJ63		APJ65	
			Risk Zone	E1*		E1*		E1*		E1*		E1*	
			Bottom Depth	0.25		0.25		0.25		0.5		0.5	
			Sample Date	10/4/2002		10/4/2002		10/4/2002		4/26/1999		4/26/1999	
			Sample Type	FD		N		N		N		FD	
			Field Duplicate Parent	SS-04~AD734~FDOFA0RK2~100402								APJ63	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	450	U			480	U	390	U	4200	J
Butylbenzylphthalate	85-68-7	1000000	200000	450	U			480	U	390	U	50	J
Caprolactam	105-60-2	--	--	450	U			64	J				
Carbazole	86-74-8	31000	1000		R				R	390	U	390	UJ
Chrysene	218-01-9	84000	1000	140	J			120	J	96	J	110	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	450	U			480	U	390	U	390	U
Dibenzofuran	132-64-9	270000	5600	450	U			480	U	390	U	390	U
Diethylphthalate	84-66-2	1000000	1100000		R				R	390	U	390	U
Dimethylphthalate	131-11-3	1000000	1100000	450	U			480	U	390	U	390	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	450	U			480	U	390	U	390	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000	450	U			480	U	390	U	390	U
Fluoranthene	206-44-0	1000000	56000	230	J			200	J	120	J	170	J
Fluorene	86-73-7	1000000	56000	450	U			480	U	390	U	390	U
Hexachlorobenzene	118-74-1	1000	1000	450	U			480	U	390	U	390	U
Hexachlorobutadiene	87-68-3	7900	--	450	U			480	U	390	U	390	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	450	U			480	U	390	U	390	U
Hexachloroethane	67-72-1	44000	1000	450	U			480	U	390	U	390	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000		R				R	44	J	62	J
Isophorone	78-59-1	640000	7400	450	U			480	U	390	U	390	U
Naphthalene	91-20-3	1000000	56000	450	U	6	U	480	U	390	U	390	U
Nitrobenzene	98-95-3	34000	1000	450	U			480	U	390	U	390	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	450	U			480	U	390	U	390	UJ
N-Nitrosodiphenylamine	86-30-6	130000	1400	450	U			480	U				
Pentachlorophenol	87-86-5	5100	1000	1100	U			1200	U	980	U	990	U
Phenanthrene	85-01-8	1000000	40000	100	J			85	J	58	J	75	J
Phenol	108-95-2	1000000	800000	450	U			480	U	390	U	390	U
Pyrene	129-00-0	1000000	40000	210	J			190	J	140	J	170	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0		0		0		0		0		0.5		0.5	
			Sample Location	SS-18		SS-19		SS-20		SS-21		SS-22		SS-17		SS-18	
			Sample ID	APJ66		APJ68		APJ70		APJ72		APJ74		APJ64		APJ67	
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E1*	
			Bottom Depth	0.5		0.5		0.5		0.5		0.5		2		2	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--														
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400														
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	380	UJ	400	UJ	380	U	390	UJ	370	U	370	UJ	340	UJ
2,3,4,6-Tetrachlorophenol	58-90-2	--	--														
2,4,5-Trichlorophenol	95-95-4	1000000	140000	960	U	1000	U	950	U	980	U	930	U	920	U	860	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
2,4-Dichlorophenol	120-83-2	200000	4000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
2,4-Dimethylphenol	105-67-9	1000000	28000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
2,4-Dinitrophenol	51-28-5	140000	2800	960	U	1000	U	950	U	980	U	930	U	920	U	860	U
2,4-Dinitrotoluene	121-14-2	140000	2800	380	U	400	U	380	U	390	U	370	U	370	U	340	U
2,6-Dinitrotoluene	606-20-2	--	1400	380	U	400	U	380	U	390	U	370	U	370	U	340	U
2-Chloronaphthalene	91-58-7	1000000	110000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
2-Chlorophenol	95-57-8	340000	7200	380	U	400	U	380	U	390	U	370	U	370	U	340	U
2-Methylnaphthalene	91-57-6	474000	--	380	U	400	U	380	U	390	U	370	U	370	U	340	U
2-Methylphenol	95-48-7	1000000	70000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
2-Nitroaniline	88-74-4	4100	1650	960	UJ	1000	UJ	950	U	980	UJ	930	U	920	UJ	860	UJ
2-Nitrophenol	88-75-5	540000	11000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	380	U	400	U	380	U	390	U	370	U	370	U	340	U
3-Nitroaniline	99-09-2	200000	4200	960	UJ	1000	UJ	950	UJ	980	UJ	930	UJ	920	UJ	860	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	960	U	1000	U	950	U	980	U	930	U	920	U	860	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
4-Chloro-3-Methylphenol	59-50-7	--	--	380	U	400	U	380	U	390	U	370	U	370	U	340	U
4-Chloroaniline	106-47-8	270000	5600	380	UJ	400	UJ	380	UJ	390	UJ	370	UJ	370	UJ	340	UJ
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
4-Methylphenol	106-44-5	340000	7000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
4-Nitroaniline	100-01-6	200000	4200	960	U	1000	U	950	UJ	980	U	930	UJ	920	U	860	U
4-Nitrophenol	100-02-7	--	--	960	UJ	1000	UJ	950	U	980	UJ	930	U	920	UJ	860	UJ
Acenaphthene	83-32-9	1000000	84000	380	U	400	U	46	J	390	U	370	U	370	U	340	U
Acenaphthylene	208-96-8	1000000	84000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Acetophenone	98-86-2	--	--														
Anthracene	120-12-7	1000000	400000	380	U	400	U	79	J	390	U	370	U	150	J	340	U
Atrazine	1912-24-9	2800	200														
Benzaldehyde	100-52-7	--	--														
Benzo(A)Anthracene	56-55-3	1000	1000	52	J	59	J	170	J	130	J	110	J	760		340	U
Benzo(A)Pyrene	50-32-8	1000	1000	58	J	60	J	150	J	140	J	110	J	630		340	U
Benzo(B)Fluoranthene	205-99-2	1000	1000	140	J	65	J	130	J	220	J	130	J	800		340	U
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	50	J	48	J	120	J	130	J	120	J	300	J	340	U
Benzo(K)Fluoranthene	207-08-9	8400	1000	110	J	70	J	210	J	150	J	140	J	480	J	340	UJ
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	380	U	400	U	380	U	390	U	370	U	370	U	340	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0		0		0		0		0		0.5		0.5	
			Sample Location	SS-18		SS-19		SS-20		SS-21		SS-22		SS-17		SS-18	
			Sample ID	APJ66		APJ68		APJ70		APJ72		APJ74		APJ64		APJ67	
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E1*	
			Bottom Depth	0.5		0.5		0.5		0.5		0.5		2		2	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	380	U	400	U	300	J	390	U	370	U	370	U	340	U
Butylbenzylphthalate	85-68-7	1000000	200000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Caprolactam	105-60-2	--	--														
Carbazole	86-74-8	31000	1000	380	UJ	400	UJ	53	J	390	UJ	370	UJ	370	UJ	340	UJ
Chrysene	218-01-9	84000	1000	87	J	86	J	260	J	210	J	150	J	750		340	U
Dibenz(A,H)Anthracene	53-70-3	1000	1000	380	U	400	U	59	J	55	J	53	J	160	J	340	U
Dibenzofuran	132-64-9	270000	5600	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Diethylphthalate	84-66-2	1000000	1100000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Dimethylphthalate	131-11-3	1000000	1100000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000	380	U	400	U	380	U	390	U	120	J	370	U	340	U
Fluoranthene	206-44-0	1000000	56000	160	J	150	J	500		350	J	270	J	1500		340	U
Fluorene	86-73-7	1000000	56000	380	U	400	U	43	J	390	U	370	U	44	J	340	U
Hexachlorobenzene	118-74-1	1000	1000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Hexachlorobutadiene	87-68-3	7900	--	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Hexachloroethane	67-72-1	44000	1000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	50	J	43	J	110	J	120	J	110	J	330	J	340	U
Isophorone	78-59-1	640000	7400	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Naphthalene	91-20-3	1000000	56000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Nitrobenzene	98-95-3	34000	1000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	380	UJ	400	UJ	380	U	390	UJ	370	U	370	UJ	340	UJ
N-Nitrosodiphenylamine	86-30-6	130000	1400														
Pentachlorophenol	87-86-5	5100	1000	960	U	1000	U	950	U	980	U	930	U	920	U	860	U
Phenanthrene	85-01-8	1000000	40000	71	J	72	J	370	J	140	J	110	J	610		340	U
Phenol	108-95-2	1000000	800000	380	U	400	U	380	U	390	U	370	U	370	U	340	U
Pyrene	129-00-0	1000000	40000	130	J	130	J	470		300	J	250	J	1300		340	U

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0.5		0.5		0.5		0.5		4		5	
			Sample Location	SS-19		SS-20		SS-21		SS-22		SB13		SB05	
			Sample ID	APJ69		APJ71		APJ73		APJ75		SB-13-04-06~AD729~~100302		SB05-05-10~H73GK235~~101802	
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*	
			Bottom Depth	2		2		2		2		6		10	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		10/3/2002		10/18/2002	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--									2100	U	420	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	350	UJ	340	UJ	370	UJ	370	U	2100	U	420	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	1000000	140000	350	U	860	U	920	U	370	U	5200	U	1100	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	870	U	340	U	370	U	930	U	2100	U	420	U
2,4-Dichlorophenol	120-83-2	200000	4000	350	U	340	U	370	U	370	U	2100	U	420	U
2,4-Dimethylphenol	105-67-9	1000000	28000	350	U	340	U	370	U	370	U	2100	U	420	U
2,4-Dinitrophenol	51-28-5	140000	2800	870	U	860	U	920	U	930	U	5200	U	1100	U
2,4-Dinitrotoluene	121-14-2	140000	2800	350	U	340	U	370	U	370	U	2100	U	420	U
2,6-Dinitrotoluene	606-20-2	--	1400	350	U	340	U	370	U	370	U	2100	U	420	U
2-Chloronaphthalene	91-58-7	1000000	110000	350	U	340	U	370	U	930	U	2100	U	420	U
2-Chlorophenol	95-57-8	340000	7200	350	U	340	U	370	U	370	U	2100	U	420	U
2-Methylnaphthalene	91-57-6	474000	--	350	U	340	U	180	J	370	U	2100	U	420	U
2-Methylphenol	95-48-7	1000000	70000	350	U	340	U	370	U	370	U	2100	U	420	U
2-Nitroaniline	88-74-4	4100	1650	870	UJ	860	UJ	920	U	370	U	5200	U	1100	U
2-Nitrophenol	88-75-5	540000	11000	350	U	340	U	370	U	370	U	2100	U	420	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	350	U	340	U	370	U	370	U	2100	U	420	U
3-Nitroaniline	99-09-2	200000	4200	870	UJ	860	UJ	920	U	930	UJ	5200	U	1100	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	870	U	860	U	920	U	930	U	5200	U	1100	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	350	U	340	U	370	U	370	U	2100	U	420	U
4-Chloro-3-Methylphenol	59-50-7	--	--	350	U	340	U	370	U	370	U	2100	U	420	U
4-Chloroaniline	106-47-8	270000	5600	350	UJ	340	UJ	370	UJ	370	UJ	2100	U	420	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	350	U	340	U	370	U	370	U	2100	U	420	U
4-Methylphenol	106-44-5	340000	7000	350	U	340	U	370	U	370	U	2100	U	420	U
4-Nitroaniline	100-01-6	200000	4200	870	U	860	U	920	U	930	UJ	5200	U	1100	U
4-Nitrophenol	100-02-7	--	--	870	UJ	860	UJ	920	U	930	U	5200	U	1100	U
Acenaphthene	83-32-9	1000000	84000	350	U	340	U	550		370	U	2100	U	420	U
Acenaphthylene	208-96-8	1000000	84000	350	U	340	U	180	J	370	U	2100	U	420	U
Acetophenone	98-86-2	--	--									2100	U	420	U
Anthracene	120-12-7	1000000	400000	350	U	48	J	1700		370	UJ	2100	U	420	U
Atrazine	1912-24-9	2800	200									2100	U	420	U
Benzaldehyde	100-52-7	--	--									2100	U	420	U
Benzo(A)Anthracene	56-55-3	1000	1000	350	U	180	J	**3300**		83	J	250	J	95	J
Benzo(A)Pyrene	50-32-8	1000	1000	350	U	170	J	**2700**		69	J	250	J	100	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	350	U	230	J	**2300**		200	J	300	J	100	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	350	U	150	J	710		86	J	2100	U	83	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	350	UJ	190	J	**1300**		150	J	220	J	96	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	350	U	340	U	370	U	370	U	2100	U	420	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	350	U	340	U	370	U	370	U	2100	U	420	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	0.5		0.5		0.5		0.5		4		5			
			Sample Location	SS-19		SS-20		SS-21		SS-22		SB13		SB05			
			Sample ID	APJ69		APJ71		APJ73		APJ75		SB-13-04-06~AD729~~100302		SB05-05-10~H73GK235~~101802			
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*			
			Bottom Depth	2		2		2		2		6		10			
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		10/3/2002		10/18/2002			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	350	U	340	U	370	U	370	U	2100	U	590			
Butylbenzylphthalate	85-68-7	1000000	200000	350	U	340	U	370	U	370	U	2100	U	420	U		
Caprolactam	105-60-2	--	--									2100	U	420	U		
Carbazole	86-74-8	31000	1000	350	UJ	34	J	990		370	UJ		R	420	U		
Chrysene	218-01-9	84000	1000	350	U	290	J	**3200**		110	J	290	J	120	J		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	350	U	69	J	320	J	370	U	2100	U	420	U		
Dibenzofuran	132-64-9	270000	5600	350	U	340	U	450		370	U	2100	U	420	U		
Diethylphthalate	84-66-2	1000000	1100000	350	U	340	U	370	U	370	U		R	420	U		
Dimethylphthalate	131-11-3	1000000	1100000	350	U	340	U	370	U	370	U	2100	U	420	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	350	U	340	U	370	U	370	U	2100	U	420	U		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	350	U	340	U	370	UJ	370	U	2100	U	420	U		
Fluoranthene	206-44-0	1000000	56000	350	U	390		6900		160	J	490	J	130	J		
Fluorene	86-73-7	1000000	56000	350	U	340	U	760		370	U	2100	U	420	U		
Hexachlorobenzene	118-74-1	1000	1000	350	U	340	U	370	U	370	U	2100	U	420	U		
Hexachlorobutadiene	87-68-3	7900	--	350	U	340	U	370	U	370	U	2100	U	420	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800	350	U	340	U	370	U	370	U	2100	U	420	U		
Hexachloroethane	67-72-1	44000	1000	350	U	340	U	370	U	370	U	2100	U	420	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	350	U	150	J	**1400**		70	J		R	100	J		
Isophorone	78-59-1	640000	7400	350	U	340	U	370	U	370	U	2100	U	420	U		
Naphthalene	91-20-3	1000000	56000	350	U	340	U	360	J	370	U	2100	U	420	U		
Nitrobenzene	98-95-3	34000	1000	350	U	340	U	370	U	370	U	2100	U	420	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	350	UJ	340	UJ	370	U	370	U	2100	U	420	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400									2100	U	420	U		
Pentachlorophenol	87-86-5	5100	1000	870	U	860	U	920	U	930	UJ	5200	U	1100	U		
Phenanthrene	85-01-8	1000000	40000	350	U	270	J	7600		82	J	340	J	71	J		
Phenol	108-95-2	1000000	800000	350	U	340	U	370	U	370	U	2100	U	420	U		
Pyrene	129-00-0	1000000	40000	350	U	490		7200		190	J	490	J	170	J		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	5		5		5		5		5			
			Sample Location	SB06		SB150		SB150		SB152		SB153			
			Sample ID	SB06-05-10~H73GK233~~101802		80018-DUP106-0507		80018-SB150-0507		80018-SB152-0507		80018-SB153-0507			
			Risk Zone	E1*		E1*		E1*		E1*		E1*			
			Bottom Depth	10		7		7		7		7			
			Sample Date	10/18/2002		10/23/2008		10/23/2008		10/24/2008		10/24/2008			
			Sample Type	N		FD		N		N		N			
			Field Duplicate Parent			80018-SB150-0507									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	380	U	64	J	100	J	100	J	79	J		
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400			200	U	200	U	190	U	190	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	380	U	200	U	200	U	190	U	190	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--			200	U	200	U	190	U	190	U		
2,4,5-Trichlorophenol	95-95-4	1000000	140000	970	U	200	U	200	U	190	U	190	U		
2,4,6-Trichlorophenol	88-06-2	56000	1000	380	U	200	U	200	U	190	U	190	U		
2,4-Dichlorophenol	120-83-2	200000	4000	380	U	200	U	200	U	190	U	190	U		
2,4-Dimethylphenol	105-67-9	1000000	28000	380	U	200	U	200	U	190	U	190	U		
2,4-Dinitrophenol	51-28-5	140000	2800	970	U	390	U	400	U	370	U	370	U		
2,4-Dinitrotoluene	121-14-2	140000	2800	380	U	200	U	200	U	190	U	190	U		
2,6-Dinitrotoluene	606-20-2	--	1400	380	U	200	U	200	U	190	U	190	U		
2-Chloronaphthalene	91-58-7	1000000	110000	380	U	200	U	200	U	190	U	190	U		
2-Chlorophenol	95-57-8	340000	7200	380	U	200	U	200	U	190	U	190	U		
2-Methylnaphthalene	91-57-6	474000	--	380	U	140	J	250		330		290			
2-Methylphenol	95-48-7	1000000	70000	380	U	200	U	200	U	190	U	190	U		
2-Nitroaniline	88-74-4	4100	1650	970	U	390	U	400	U	370	U	370	U		
2-Nitrophenol	88-75-5	540000	11000	380	U	200	U	200	U	190	U	190	U		
3,3'-Dichlorobenzidine	91-94-1	1400	330	380	U	200	U	200	U	190	U	190	U		
3-Nitroaniline	99-09-2	200000	4200	970	U	390	U	400	U	370	U	370	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	970	U	390	UJ	400	UJ	370	U	370	U		
4-Bromophenyl-Phenylether	101-55-3	500000	82000	380	U	200	UJ	200	UJ	190	U	190	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	380	U	200	U	200	U	190	U	190	U		
4-Chloroaniline	106-47-8	270000	5600	380	U	200	U	200	U	190	U	190	U		
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	380	U	200	U	200	U	190	U	190	U		
4-Methylphenol	106-44-5	340000	7000	380	U	200	U	29	J	32	J	28	J		
4-Nitroaniline	100-01-6	200000	4200	970	U	390	U	400	U	370	U	370	U		
4-Nitrophenol	100-02-7	--	--	970	U	390	U	400	U	370	U	370	U		
Acenaphthene	83-32-9	1000000	84000	380	U	510	J	1000	J	830		1100			
Acenaphthylene	208-96-8	1000000	84000	380	U	270		320		290		320			
Acetophenone	98-86-2	--	--	380	U	27	J	200	U	190	U	190	U		
Anthracene	120-12-7	1000000	400000	44	J	1600	J	3100	J	2000		2500	D		
Atrazine	1912-24-9	2800	200	380	U	200	UJ	200	UJ	190	U	190	U		
Benzaldehyde	100-52-7	--	--	380	U	200	U	200	U	190	U	190	U		
Benzo(A)Anthracene	56-55-3	1000	1000	120	J	**3400**	DJ	**6200**	DJ	**3600**	D	**7200**	D		
Benzo(A)Pyrene	50-32-8	1000	1000	120	J	**3200**	D	**5200**	D	**3100**	D	**7300**	D		
Benzo(B)Fluoranthene	205-99-2	1000	1000	120	J	**4100**	DJ	**7400**	DJ	**3200**	D	**11000**	DJ		
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	65	J	460		720		400		1800	J		
Benzo(K)Fluoranthene	207-08-9	8400	1000	100	J	**3100**	D	**4200**	D	**2400**		**6300**	D		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	380	U	200	U	200	U	190	U	190	U		
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	380	U	200	U	200	U	190	U	190	U		

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	5		5		5		5		5			
			Sample Location	SB06		SB150		SB150		SB152		SB153			
			Sample ID	SB06-05-10~H73GK233~~101802		80018-DUP106-0507		80018-SB150-0507		80018-SB152-0507		80018-SB153-0507			
			Risk Zone	E1*		E1*		E1*		E1*		E1*			
			Bottom Depth	10		7		7		7		7			
			Sample Date	10/18/2002		10/23/2008		10/23/2008		10/24/2008		10/24/2008			
			Sample Type	N		FD		N		N		N			
			Field Duplicate Parent			80018-SB150-0507									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	180	J	200	U	200	U	48	JEB	190	U		
Butylbenzylphthalate	85-68-7	1000000	200000	380	U	200	U	200	U	190	U	190	U		
Caprolactam	105-60-2	--	--	380	U	200	U	200	U	190	U	190	U		
Carbazole	86-74-8	31000	1000	380	U	820	J	**1600**	J	**1200**		**1500**			
Chrysene	218-01-9	84000	1000	150	J	**4100**	DJ	**7100**	DJ	**3700**	D	**8200**	D		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	380	U	180	J	290		170	J	600	J		
Dibenzofuran	132-64-9	270000	5600	380	U	430	J	750	J	700		640			
Diethylphthalate	84-66-2	1000000	1100000	380	U	200	U	200	U	190	U	190	U		
Dimethylphthalate	131-11-3	1000000	1100000	380	U	200	U	200	U	190	U	190	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	380	U	200	UJ	31	J	190	U	190	U		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	380	U	200	U	200	U	190	U	190	UJ		
Fluoranthene	206-44-0	1000000	56000	280	J	12000	D	20000	D	11000	D	22000	D		
Fluorene	86-73-7	1000000	56000	380	U	810	J	1400	J	930		1300			
Hexachlorobenzene	118-74-1	1000	1000	380	U	200	UJ	200	UJ	190	U	190	U		
Hexachlorobutadiene	87-68-3	7900	--	380	U	200	U	200	U	190	U	190	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800	380	U	200	U	200	U	190	U	190	U		
Hexachloroethane	67-72-1	44000	1000	380	U	200	U	200	U	190	U	190	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	87	J	540		830		560		**2100**	J		
Isophorone	78-59-1	640000	7400	380	U	200	U	200	U	190	U	190	U		
Naphthalene	91-20-3	1000000	56000	380	U	350		480		810		540			
Nitrobenzene	98-95-3	34000	1000	380	U	200	U	200	U	190	U	190	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	380	U	200	UJ	200	UJ	190	U	190	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400	380	U	200	U	200	U	190	U	190	U		
Pentachlorophenol	87-86-5	5100	1000	970	U	390	UJ	400	UJ	370	U	370	U		
Phenanthrene	85-01-8	1000000	40000	200	J	8300	DJ	15000	DJ	10000	D	11000	D		
Phenol	108-95-2	1000000	800000	380	U	200	U	200	U	190	U	190	U		
Pyrene	129-00-0	1000000	40000	300	J	6300	DJ	11000	DJ	5800	D	9000	D		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	5		4		4		4			
			Sample Location	SB154		SB189		SB189		SB190			
			Sample ID	80018-SB154-0507		80018-DUP02-0410-0311		80018-SB189-0410-0311		80018-SB190-0410-0311			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	7		10		10		9			
			Sample Date	10/23/2008		4/4/2011		4/4/2011		3/31/2011			
			Sample Type	N		FD		N		N			
			Field Duplicate Parent			80018-SB189-0410-0311							
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	180	U	210	U	200	U	150	J		
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400	**820**		210	U	200	U	190	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	1300		210	U	200	U	190	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	180	U	210	U	200	U	190	U		
2,4,5-Trichlorophenol	95-95-4	1000000	140000	540		210	U	200	U	190	U		
2,4,6-Trichlorophenol	88-06-2	56000	1000	180	U	210	U	200	U	190	U		
2,4-Dichlorophenol	120-83-2	200000	4000	530		210	U	200	U	190	U		
2,4-Dimethylphenol	105-67-9	1000000	28000	180	U	210	U	200	U	190	U		
2,4-Dinitrophenol	51-28-5	140000	2800	360	U	400	U	400	U	370	U		
2,4-Dinitrotoluene	121-14-2	140000	2800	530		210	U	200	U	190	U		
2,6-Dinitrotoluene	606-20-2	--	1400	1200		210	U	200	U	190	U		
2-Chloronaphthalene	91-58-7	1000000	110000	1200		210	U	200	U	190	U		
2-Chlorophenol	95-57-8	340000	7200	220		210	U	200	U	190	U		
2-Methylnaphthalene	91-57-6	474000	--	180	U	91	J	66	J	590			
2-Methylphenol	95-48-7	1000000	70000	180	U	210	U	200	U	190	U		
2-Nitroaniline	88-74-4	4100	1650	360	U	400	U	400	U	370	U		
2-Nitrophenol	88-75-5	540000	11000	180	U	210	U	200	U	190	U		
3,3'-Dichlorobenzidine	91-94-1	1400	330	180	U	210	U	200	U	190	U		
3-Nitroaniline	99-09-2	200000	4200	360	U	400	U	400	U	370	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	360	U	400	U	400	U	370	U		
4-Bromophenyl-Phenylether	101-55-3	500000	82000	810		210	U	200	U	190	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	180	U	210	U	200	U	190	U		
4-Chloroaniline	106-47-8	270000	5600	31	J	210	U	200	U	190	U		
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	630		210	U	200	U	190	U		
4-Methylphenol	106-44-5	340000	7000	180	U	210	U	200	U	190	U		
4-Nitroaniline	100-01-6	200000	4200	360	U	400	U	400	U	370	U		
4-Nitrophenol	100-02-7	--	--	360	U	400	U	400	U	370	U		
Acenaphthene	83-32-9	1000000	84000	43	J	100	J	110	J	1800			
Acenaphthylene	208-96-8	1000000	84000	440		48	J	78	J	190	U		
Acetophenone	98-86-2	--	--	180	U	86	J	110	J	320			
Anthracene	120-12-7	1000000	400000	570		260		430		4100	D		
Atrazine	1912-24-9	2800	200	180	U	210	U	200	U	190	U		
Benzaldehyde	100-52-7	--	--	180	U	210	U	200	U	87	J		
Benzo(A)Anthracene	56-55-3	1000	1000	920		930		**1300**		**11000**	D		
Benzo(A)Pyrene	50-32-8	1000	1000	180	U	930		**1300**		**9400**	D		
Benzo(B)Fluoranthene	205-99-2	1000	1000	**1300**	J	**1100**		**1400**		**9000**	D		
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	180	UJ	620		900		6400	D		
Benzo(K)Fluoranthene	207-08-9	8400	1000	530		**1000**		**1300**		**10000**	D		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	1900		210	U	200	U	190	U		
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	**1800**		210	U	200	U	190	U		

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	5		4		4		4	
			Sample Location	SB154		SB189		SB189		SB190	
			Sample ID	80018-SB154-0507		80018-DUP02-0410-0311		80018-SB189-0410-0311		80018-SB190-0410-0311	
			Risk Zone	E1*		E1*		E1*		E1*	
			Bottom Depth	7		10		10		9	
			Sample Date	10/23/2008		4/4/2011		4/4/2011		3/31/2011	
			Sample Type	N		FD		N		N	
			Field Duplicate Parent			80018-SB189-0410-0311					
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	310		210	U	210		190	U
Butylbenzylphthalate	85-68-7	1000000	200000	1000		210	U	200	U	190	U
Caprolactam	105-60-2	--	--	170	J	210	U	200	U	190	U
Carbazole	86-74-8	31000	1000	620		170	J	210		**2300**	
Chrysene	218-01-9	84000	1000	180	U	**1200**		**1400**		**12000**	D
Dibenz(A,H)Anthracene	53-70-3	1000	1000	180	U	230		270		**2900**	
Dibenzofuran	132-64-9	270000	5600	500		210	U	200	U	1400	
Diethylphthalate	84-66-2	1000000	1100000	180	U	210	U	200	U	190	U
Dimethylphthalate	131-11-3	1000000	1100000	180	U	210	U	200	U	190	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	180	U	210	U	150	J	190	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000	1400		210	U	200	U	190	U
Fluoranthene	206-44-0	1000000	56000	180	U	1800		3000		26000	D
Fluorene	86-73-7	1000000	56000	1200		100	J	230		2400	
Hexachlorobenzene	118-74-1	1000	1000	630		210	U	200	U	190	U
Hexachlorobutadiene	87-68-3	7900	--	180	U	210	U	200	U	190	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	450		210	U	200	U	190	U
Hexachloroethane	67-72-1	44000	1000	790		210	U	200	U	190	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	180	U	770		**1100**		**7700**	D
Isophorone	78-59-1	640000	7400	690		210	U	200	U	190	U
Naphthalene	91-20-3	1000000	56000	370		73	J	54	J	1000	
Nitrobenzene	98-95-3	34000	1000	180	U	210	U	200	U	190	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	**1000**		210	U	200	U	190	U
N-Nitrosodiphenylamine	86-30-6	130000	1400	180	U	210	U	200	U	190	U
Pentachlorophenol	87-86-5	5100	1000	280	J	400	U	400	U	370	U
Phenanthrene	85-01-8	1000000	40000	180	U	1500		2400		18000	D
Phenol	108-95-2	1000000	800000	180	U	210	U	200	U	81	J
Pyrene	129-00-0	1000000	40000	180	U	2700		3500	D	23000	D

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	4		7		9		10			
			Sample Location	SB208		SB06		SB05		SB06			
			Sample ID	80018-SB208-0410-0311		SB06-7-8~AA26116~~102102		SB05-9-10~AA26114~~101102		SB06-10-15~H73GK209~~101802			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	10		8		10		15			
			Sample Date	4/4/2011		10/21/2002		10/11/2002		10/18/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	230	U					410	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400	230	U								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	230	U					410	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	230	U								
2,4,5-Trichlorophenol	95-95-4	1000000	140000	230	U					1000	U		
2,4,6-Trichlorophenol	88-06-2	56000	1000	230	U					410	U		
2,4-Dichlorophenol	120-83-2	200000	4000	230	U					410	U		
2,4-Dimethylphenol	105-67-9	1000000	28000	230	U					410	U		
2,4-Dinitrophenol	51-28-5	140000	2800	440	U					1000	U		
2,4-Dinitrotoluene	121-14-2	140000	2800	230	U					410	U		
2,6-Dinitrotoluene	606-20-2	--	1400	230	U					410	U		
2-Chloronaphthalene	91-58-7	1000000	110000	230	U					410	U		
2-Chlorophenol	95-57-8	340000	7200	230	U					410	U		
2-Methylnaphthalene	91-57-6	474000	--	51	J					410	U		
2-Methylphenol	95-48-7	1000000	70000	230	U					410	U		
2-Nitroaniline	88-74-4	4100	1650	440	U					1000	U		
2-Nitrophenol	88-75-5	540000	11000	230	U					410	U		
3,3'-Dichlorobenzidine	91-94-1	1400	330	230	U					410	U		
3-Nitroaniline	99-09-2	200000	4200	440	U					1000	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	440	U					1000	U		
4-Bromophenyl-Phenylether	101-55-3	500000	82000	230	U					410	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	230	U					410	U		
4-Chloroaniline	106-47-8	270000	5600	230	U					410	U		
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	230	U					410	U		
4-Methylphenol	106-44-5	340000	7000	230	U					410	U		
4-Nitroaniline	100-01-6	200000	4200	440	U					1000	U		
4-Nitrophenol	100-02-7	--	--	440	U					1000	U		
Acenaphthene	83-32-9	1000000	84000	51	J					410	U		
Acenaphthylene	208-96-8	1000000	84000	230	U					410	U		
Acetophenone	98-86-2	--	--	78	J					410	U		
Anthracene	120-12-7	1000000	400000	150	J					410	U		
Atrazine	1912-24-9	2800	200	230	U					410	U		
Benzaldehyde	100-52-7	--	--	230	U					410	U		
Benzo(A)Anthracene	56-55-3	1000	1000	600						410	U		
Benzo(A)Pyrene	50-32-8	1000	1000	610						410	U		
Benzo(B)Fluoranthene	205-99-2	1000	1000	650						410	U		
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	380						410	U		
Benzo(K)Fluoranthene	207-08-9	8400	1000	720						410	U		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	230	U					410	U		
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	230	U					410	U		

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	4		7		9		10			
			Sample Location	SB208		SB06		SB05		SB06			
			Sample ID	80018-SB208-0410-0311		SB06-7-8~AA26116~~102102		SB05-9-10~AA26114~~101102		SB06-10-15~H73GK209~~101802			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	10		8		10		15			
			Sample Date	4/4/2011		10/21/2002		10/11/2002		10/18/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	230	U					200	J		
Butylbenzylphthalate	85-68-7	1000000	200000	230	U					410	U		
Caprolactam	105-60-2	--	--	230	U					410	U		
Carbazole	86-74-8	31000	1000	82	J					410	U		
Chrysene	218-01-9	84000	1000	780						44	J		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	120	J					410	U		
Dibenzofuran	132-64-9	270000	5600	230	U					410	U		
Diethylphthalate	84-66-2	1000000	1100000	230	U					410	U		
Dimethylphthalate	131-11-3	1000000	1100000	230	U					410	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	230	U					410	U		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	230	U					410	U		
Fluoranthene	206-44-0	1000000	56000	1400						150	J		
Fluorene	86-73-7	1000000	56000	57	J					410	U		
Hexachlorobenzene	118-74-1	1000	1000	230	U					410	U		
Hexachlorobutadiene	87-68-3	7900	--	230	U					410	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800	230	U					410	U		
Hexachloroethane	67-72-1	44000	1000	230	U					410	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	470						410	U		
Isophorone	78-59-1	640000	7400	230	U					410	U		
Naphthalene	91-20-3	1000000	56000	230	U	1	U	6	U	410	U		
Nitrobenzene	98-95-3	34000	1000	230	U					410	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	230	U					410	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400	230	U					410	U		
Pentachlorophenol	87-86-5	5100	1000	440	U					1000	U		
Phenanthrene	85-01-8	1000000	40000	890						77	J		
Phenol	108-95-2	1000000	800000	230	U					410	U		
Pyrene	129-00-0	1000000	40000	1400						160	J		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
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VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	10		10		12		14	
			Sample Location	SB13		SB13		SB13		SB05	
			Sample ID	SB13-10-15~V2101618.D~~101102		SB13-10-15~V2101711.D~~101102		SB13-12-13~AA25799~~101602		SB05-14-15~AA26115~~101402	
			Risk Zone	E1*		E1*		E1*		E1*	
			Bottom Depth	15		15		13		15	
			Sample Date	10/11/2002		10/11/2002		10/16/2002		10/14/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	900	J	870	J				
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	4200	U	4200	U				
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000	11000	U	11000	U				
2,4,6-Trichlorophenol	88-06-2	56000	1000	4200	U	4200	U				
2,4-Dichlorophenol	120-83-2	200000	4000	4200	U	4200	U				
2,4-Dimethylphenol	105-67-9	1000000	28000	1500	J	1500	J				
2,4-Dinitrophenol	51-28-5	140000	2800	11000	U	11000	U				
2,4-Dinitrotoluene	121-14-2	140000	2800	4200	U	4200	U				
2,6-Dinitrotoluene	606-20-2	--	1400	4200	U	4200	U				
2-Chloronaphthalene	91-58-7	1000000	110000	4200	U	4200	U				
2-Chlorophenol	95-57-8	340000	7200	4200	U	4200	U				
2-Methylnaphthalene	91-57-6	474000	--	370	J	350	J				
2-Methylphenol	95-48-7	1000000	70000	4200	U	4200	U				
2-Nitroaniline	88-74-4	4100	1650	11000	U	11000	U				
2-Nitrophenol	88-75-5	540000	11000	4200	U	4200	U				
3,3'-Dichlorobenzidine	91-94-1	1400	330	4200	U	4200	U				
3-Nitroaniline	99-09-2	200000	4200	11000	U	11000	U				
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	11000	U	11000	U				
4-Bromophenyl-Phenylether	101-55-3	500000	82000	4200	U	4200	U				
4-Chloro-3-Methylphenol	59-50-7	--	--	4200	U	4200	U				
4-Chloroaniline	106-47-8	270000	5600	4200	U	4200	U				
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	4200	U	4200	U				
4-Methylphenol	106-44-5	340000	7000	1300	J	1400	J				
4-Nitroaniline	100-01-6	200000	4200	11000	U	11000	U				
4-Nitrophenol	100-02-7	--	--	11000	U	11000	U				
Acenaphthene	83-32-9	1000000	84000	1800	J	1900	J				
Acenaphthylene	208-96-8	1000000	84000	2500	J	2400	J				
Acetophenone	98-86-2	--	--	4200	U	4200	U				
Anthracene	120-12-7	1000000	400000	4900		4900					
Atrazine	1912-24-9	2800	200	4200	U	4200	U				
Benzaldehyde	100-52-7	--	--	520	J	4200	U				
Benzo(A)Anthracene	56-55-3	1000	1000	**7900**		**8000**					
Benzo(A)Pyrene	50-32-8	1000	1000	**6600**		**6500**					
Benzo(B)Fluoranthene	205-99-2	1000	1000	**6000**		**5800**					
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	4500		4600					
Benzo(K)Fluoranthene	207-08-9	8400	1000	**5500**		**6200**					
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	4200	U	4200	U				
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	4200	U	4200	U				

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	10		10		12		14	
			Sample Location	SB13		SB13		SB13		SB05	
			Sample ID	SB13-10-15~V2101618.D~~101102		SB13-10-15~V2101711.D~~101102		SB13-12-13~AA25799~~101602		SB05-14-15~AA26115~~101402	
			Risk Zone	E1*		E1*		E1*		E1*	
			Bottom Depth	15		15		13		15	
			Sample Date	10/11/2002		10/11/2002		10/16/2002		10/14/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	590	J	720	J				
Butylbenzylphthalate	85-68-7	1000000	200000	4200	U	4200	U				
Caprolactam	105-60-2	--	--	4200	U	4200	U				
Carbazole	86-74-8	31000	1000	**2500**	J	**2500**	J				
Chrysene	218-01-9	84000	1000	**7400**		**7400**					
Dibenz(A,H)Anthracene	53-70-3	1000	1000	760	J	**1100**	J				
Dibenzofuran	132-64-9	270000	5600	2700	J	2700	J				
Diethylphthalate	84-66-2	1000000	1100000	4200	U	4200	U				
Dimethylphthalate	131-11-3	1000000	1100000	4200	U	4200	U				
Di-N-Butyl Phthalate	84-74-2	1000000	140000	4200	U	4200	U				
Di-N-Octyl Phthalate	117-84-0	1000000	20000	4200	U	4200	U				
Fluoranthene	206-44-0	1000000	56000	17000		17000					
Fluorene	86-73-7	1000000	56000	5000		4900					
Hexachlorobenzene	118-74-1	1000	1000	4200	U	4200	U				
Hexachlorobutadiene	87-68-3	7900	--	4200	U	4200	U				
Hexachlorocyclopentadiene	77-47-4	470000	9800	4200	U	4200	U				
Hexachloroethane	67-72-1	44000	1000	4200	U	4200	U				
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	**5700**		**5600**					
Isophorone	78-59-1	640000	7400	4200	U	4200	U				
Naphthalene	91-20-3	1000000	56000	420	J	420	J	64	J	6	U
Nitrobenzene	98-95-3	34000	1000	4200	U	4200	U				
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	4200	U	4200	U				
N-Nitrosodiphenylamine	86-30-6	130000	1400	4200	U	4200	U				
Pentachlorophenol	87-86-5	5100	1000	11000	U	11000	U				
Phenanthrene	85-01-8	1000000	40000	23000		23000					
Phenol	108-95-2	1000000	800000	4200	U	4200	U				
Pyrene	129-00-0	1000000	40000	19000		22000					

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	15		15		15		16			
			Sample Location	SB06		SB13		SB151		SB06			
			Sample ID	SB06-15-20~H73GK208~~101802		SB13-15-20~V2101615.D~~101102		80018-SB151-1517		SB06-16-17~AA26117~~101002			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	20		20		17		17			
			Sample Date	10/18/2002		10/11/2002		10/23/2008		10/10/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	380	U	450	U	53	J				
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400					300	U				
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	380	U	450	U	300	U				
2,3,4,6-Tetrachlorophenol	58-90-2	--	--					110	J				
2,4,5-Trichlorophenol	95-95-4	1000000	140000	970	U	1100	U	300	U				
2,4,6-Trichlorophenol	88-06-2	56000	1000	380	U	450	U	300	U				
2,4-Dichlorophenol	120-83-2	200000	4000	380	U	450	U	300	U				
2,4-Dimethylphenol	105-67-9	1000000	28000	380	U	450	U	300	U				
2,4-Dinitrophenol	51-28-5	140000	2800	970	U	1100	U	590	U				
2,4-Dinitrotoluene	121-14-2	140000	2800	380	U	450	U	300	U				
2,6-Dinitrotoluene	606-20-2	--	1400	380	U	450	U	300	U				
2-Chloronaphthalene	91-58-7	1000000	110000	380	U	450	U	300	U				
2-Chlorophenol	95-57-8	340000	7200	380	U	450	U	300	U				
2-Methylnaphthalene	91-57-6	474000	--	380	U	450	U	210	J				
2-Methylphenol	95-48-7	1000000	70000	380	U	450	U	300	U				
2-Nitroaniline	88-74-4	4100	1650	970	U	1100	U	590	U				
2-Nitrophenol	88-75-5	540000	11000	380	U	450	U	300	U				
3,3'-Dichlorobenzidine	91-94-1	1400	330	380	U	450	U	300	U				
3-Nitroaniline	99-09-2	200000	4200	970	U	1100	U	590	U				
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	970	U	1100	U	590	U				
4-Bromophenyl-Phenylether	101-55-3	500000	82000	380	U	450	U	300	U				
4-Chloro-3-Methylphenol	59-50-7	--	--	380	U	450	U	300	U				
4-Chloroaniline	106-47-8	270000	5600	380	U	450	U	300	U				
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	380	U	450	U	300	U				
4-Methylphenol	106-44-5	340000	7000	380	U	450	U	300	U				
4-Nitroaniline	100-01-6	200000	4200	970	U	1100	U	590	U				
4-Nitrophenol	100-02-7	--	--	970	U	1100	U	590	U				
Acenaphthene	83-32-9	1000000	84000	380	U	450	U	860					
Acenaphthylene	208-96-8	1000000	84000	380	U	29	J	96	J				
Acetophenone	98-86-2	--	--	380	U	450	U	49	J				
Anthracene	120-12-7	1000000	400000	380	U	51	J	1300					
Atrazine	1912-24-9	2800	200	380	U	450	U	300	U				
Benzaldehyde	100-52-7	--	--	380	U	75	J	300	U				
Benzo(A)Anthracene	56-55-3	1000	1000	380	U	160	J	**3300**					
Benzo(A)Pyrene	50-32-8	1000	1000	380	U	130	J	**3200**					
Benzo(B)Fluoranthene	205-99-2	1000	1000	380	U	130	J	**3300**					
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	380	U	85	J	610					
Benzo(K)Fluoranthene	207-08-9	8400	1000	380	U	130	J	**2700**					
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	380	U	450	U	300	U				
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	380	U	450	U	300	U				

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
			Top Depth	15		15		15		16			
			Sample Location	SB06		SB13		SB151		SB06			
			Sample ID	SB06-15-20~H73GK208~~101802		SB13-15-20~V2101615.D~~101102		80018-SB151-1517		SB06-16-17~AA26117~~101002			
			Risk Zone	E1*		E1*		E1*		E1*			
			Bottom Depth	20		20		17		17			
			Sample Date	10/18/2002		10/11/2002		10/23/2008		10/10/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	53	J	290	J	300	U				
Butylbenzylphthalate	85-68-7	1000000	200000	380	U	450	U	300	U				
Caprolactam	105-60-2	--	--	380	U	23	J	300	U				
Carbazole	86-74-8	31000	1000	380	U	450	U	630					
Chrysene	218-01-9	84000	1000	380	U	150	J	**3600**					
Dibenz(A,H)Anthracene	53-70-3	1000	1000	380	U	450	U	330					
Dibenzofuran	132-64-9	270000	5600	380	U	450	U	430					
Diethylphthalate	84-66-2	1000000	1100000	380	U	450	U	300	U				
Dimethylphthalate	131-11-3	1000000	1100000	380	U	450	U	300	U				
Di-N-Butyl Phthalate	84-74-2	1000000	140000	380	U	450	U	300	U				
Di-N-Octyl Phthalate	117-84-0	1000000	20000	380	U	450	U	300	U				
Fluoranthene	206-44-0	1000000	56000	380	U	320	J	9100	D				
Fluorene	86-73-7	1000000	56000	380	U	38	J	740					
Hexachlorobenzene	118-74-1	1000	1000	380	U	450	U	300	U				
Hexachlorobutadiene	87-68-3	7900	--	380	U	450	U	300	U				
Hexachlorocyclopentadiene	77-47-4	470000	9800	380	U	450	U	300	U				
Hexachloroethane	67-72-1	44000	1000	380	U	450	U	300	U				
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	380	U	110	J	790					
Isophorone	78-59-1	640000	7400	380	U	450	U	300	U				
Naphthalene	91-20-3	1000000	56000	380	U	450	U	290	J	5	U		
Nitrobenzene	98-95-3	34000	1000	380	U	450	U	300	U				
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	380	U	450	U	300	U				
N-Nitrosodiphenylamine	86-30-6	130000	1400	380	U	450	U	300	U				
Pentachlorophenol	87-86-5	5100	1000	970	U	1100	U	590	U				
Phenanthrene	85-01-8	1000000	40000	380	U	240	J	5900	D				
Phenol	108-95-2	1000000	800000	380	U	450	U	300	U				
Pyrene	129-00-0	1000000	40000	380	U	410	J	4000	D				

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	SB33		SB36		SS146		SS27	
			Sample ID	SB33-00-05~H73GK211~~101502		SB36-00-05~H73GK196~~101502		80018-SS146-0002		SS-027~A0RG4-6A70~~102402	
			Risk Zone	E3*		E3*		E3*		E3*	
			Bottom Depth	5		5		2		0.25	
			Sample Date	10/15/2002		10/15/2002		11/1/2008		10/24/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--		R		R	82	J	380	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400					410	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400		R		R	410	U	380	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--					410	U		
2,4,5-Trichlorophenol	95-95-4	1000000	140000		R		R	410	U	970	U
2,4,6-Trichlorophenol	88-06-2	56000	1000		R		R	410	U	380	U
2,4-Dichlorophenol	120-83-2	200000	4000		R		R	410	U	380	U
2,4-Dimethylphenol	105-67-9	1000000	28000		R		R	410	U	380	U
2,4-Dinitrophenol	51-28-5	140000	2800		R		R	800	U	970	U
2,4-Dinitrotoluene	121-14-2	140000	2800		R		R	410	U	380	U
2,6-Dinitrotoluene	606-20-2	--	1400		R		R	410	U	380	U
2-Chloronaphthalene	91-58-7	1000000	110000		R		R	410	U	380	U
2-Chlorophenol	95-57-8	340000	7200		R		R	410	U	380	U
2-Methylnaphthalene	91-57-6	474000	--		R		R	270	J	380	U
2-Methylphenol	95-48-7	1000000	70000		R		R	410	U	380	U
2-Nitroaniline	88-74-4	4100	1650		R		R	800	U	970	U
2-Nitrophenol	88-75-5	540000	11000		R		R	410	U	380	U
3,3'-Dichlorobenzidine	91-94-1	1400	330		R		R	410	U	380	U
3-Nitroaniline	99-09-2	200000	4200		R		R	800	U	970	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--		R		R	800	U	970	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000		R		R	410	U	380	U
4-Chloro-3-Methylphenol	59-50-7	--	--		R		R	410	U	380	U
4-Chloroaniline	106-47-8	270000	5600		R		R	410	U	380	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000		R		R	410	U	380	U
4-Methylphenol	106-44-5	340000	7000		R		R	410	U	380	U
4-Nitroaniline	100-01-6	200000	4200		R		R	800	U	970	U
4-Nitrophenol	100-02-7	--	--		R		R	800	U	970	U
Acenaphthene	83-32-9	1000000	84000		R		R	490		72	J
Acenaphthylene	208-96-8	1000000	84000	65	J		R	2100		38	J
Acetophenone	98-86-2	--	--		R		R	410	U	12	JB
Anthracene	120-12-7	1000000	400000	110	J		R	1500		120	J
Atrazine	1912-24-9	2800	200		R		R	410	U	380	U
Benzaldehyde	100-52-7	--	--		R		R	410	U	380	U
Benzo(A)Anthracene	56-55-3	1000	1000	560	J	230	J	**13000**	D	580	
Benzo(A)Pyrene	50-32-8	1000	1000	450	J	260	J	**16000**	D	730	
Benzo(B)Fluoranthene	205-99-2	1000	1000	470	J	330	J	**20000**	D	950	
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	220	J	150	J	3800	J	590	
Benzo(K)Fluoranthene	207-08-9	8400	1000	450	J	290	J	**20000**	D	690	
Bis(2-Chloroethoxy)Methane	111-91-1	--	--		R		R	410	U	380	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400		R		R	410	U	380	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.			
			Top Depth	0		0		0		0			
			Sample Location	SB33		SB36		SS146		SS27			
			Sample ID	SB33-00-05~H73GK211~~101502		SB36-00-05~H73GK196~~101502		80018-SS146-0002		SS-027~A0RG4-6A70~~102402			
			Risk Zone	E3*		E3*		E3*		E3*			
			Bottom Depth	5		5		2		0.25			
			Sample Date	10/15/2002		10/15/2002		11/1/2008		10/24/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	210	J	170	J	390	J	120	JB		
Butylbenzylphthalate	85-68-7	1000000	200000		R		R	65	EB	26	J		
Caprolactam	105-60-2	--	--		R		R	410	U	380	U		
Carbazole	86-74-8	31000	1000	53	J	41	J	**2000**		130	J		
Chrysene	218-01-9	84000	1000	620	J	360	J	**19000**	D	920			
Dibenz(A,H)Anthracene	53-70-3	1000	1000	88	J	50	J	**1600**		200	J		
Dibenzofuran	132-64-9	270000	5600		R		R	470		30	J		
Diethylphthalate	84-66-2	1000000	1100000		R		R	410	U	380	U		
Dimethylphthalate	131-11-3	1000000	1100000		R		R	410	U	380	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000		R		R	54	EB	24	J		
Di-N-Octyl Phthalate	117-84-0	1000000	20000		R		R	410	UJ	74	J		
Fluoranthene	206-44-0	1000000	56000	1200	J	620	J	49000	D	1600			
Fluorene	86-73-7	1000000	56000		R		R	1000		54	J		
Hexachlorobenzene	118-74-1	1000	1000		R		R	410	U	380	U		
Hexachlorobutadiene	87-68-3	7900	--		R		R	410	U	380	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800		R		R	410	U	380	U		
Hexachloroethane	67-72-1	44000	1000		R		R	410	U	380	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	230	J	170	J	**4400**		620			
Isophorone	78-59-1	640000	7400		R		R	410	U	380	U		
Naphthalene	91-20-3	1000000	56000		R		R	260	J	380	U		
Nitrobenzene	98-95-3	34000	1000		R		R	410	U	380	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000		R		R	410	U	380	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400		R		R	410	U	380	U		
Pentachlorophenol	87-86-5	5100	1000		R		R	800	U	970	U		
Phenanthrene	85-01-8	1000000	40000	650	J	280	J	22000	D	720			
Phenol	108-95-2	1000000	800000		R		R	410	U	380	U		
Pyrene	129-00-0	1000000	40000	1600	J	660	J	31000	D	1400			

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	0		0		0		0		0		0	
			Sample Location	SS27		SS31		SS31		SS-33		SS-34		SS-35	
			Sample ID	SS-027~AA26223~~102402		SS-031~A0KK9-7A66~~110102		SS-031~AA26627~~110102		APJ97		APJ99		APK02	
			Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	0.25		0.25		0.25		0.5		0.5		0.5	
			Sample Date	10/24/2002		11/1/2002		11/1/2002		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			390	U								
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			390	U			370	U	390	U	410	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	1000000	140000			980	U			920	U	990	U	1000	U
2,4,6-Trichlorophenol	88-06-2	56000	1000			390	U			370	U	390	U	410	U
2,4-Dichlorophenol	120-83-2	200000	4000			390	U			370	U	390	U	410	U
2,4-Dimethylphenol	105-67-9	1000000	28000			390	U			370	U	390	U	410	U
2,4-Dinitrophenol	51-28-5	140000	2800			980	U			920	U	990	U	1000	U
2,4-Dinitrotoluene	121-14-2	140000	2800			390	U			370	U	390	U	410	U
2,6-Dinitrotoluene	606-20-2	--	1400			390	U			370	U	390	U	410	U
2-Chloronaphthalene	91-58-7	1000000	110000			390	U			370	U	390	U	410	U
2-Chlorophenol	95-57-8	340000	7200			390	U			370	U	390	U	410	U
2-Methylnaphthalene	91-57-6	474000	--			390	U			370	U	390	U	410	U
2-Methylphenol	95-48-7	1000000	70000			390	U			370	U	390	U	410	U
2-Nitroaniline	88-74-4	4100	1650			980	U			920	U	990	U	1000	U
2-Nitrophenol	88-75-5	540000	11000			390	U			370	U	390	U	410	U
3,3'-Dichlorobenzidine	91-94-1	1400	330			390	U			370	U	390	U	410	UJ
3-Nitroaniline	99-09-2	200000	4200			980	U			920	U	990	U	1000	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			980	U			920	U	990	U	1000	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000			390	U			370	U	390	U	410	U
4-Chloro-3-Methylphenol	59-50-7	--	--			390	U			370	U	390	U	410	U
4-Chloroaniline	106-47-8	270000	5600			390	U			370	U	390	U	410	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			390	U			370	U	390	U	410	U
4-Methylphenol	106-44-5	340000	7000			390	U			370	U	390	U	410	U
4-Nitroaniline	100-01-6	200000	4200			980	U			920	U	990	U	1000	U
4-Nitrophenol	100-02-7	--	--			980	U			920	U	990	U	1000	U
Acenaphthene	83-32-9	1000000	84000			24	J			370	U	390	U	410	U
Acenaphthylene	208-96-8	1000000	84000			39	J			370	U	390	U	410	U
Acetophenone	98-86-2	--	--			42	JB								
Anthracene	120-12-7	1000000	400000			70	J			370	U	390	U	410	U
Atrazine	1912-24-9	2800	200			390	U								
Benzaldehyde	100-52-7	--	--			45	JB								
Benzo(A)Anthracene	56-55-3	1000	1000			350	J			370	U	91	J	61	J
Benzo(A)Pyrene	50-32-8	1000	1000			420				370	U	68	J	46	J
Benzo(B)Fluoranthene	205-99-2	1000	1000			480				370	U	100	J	66	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			360	J			370	U	64	J	190	J
Benzo(K)Fluoranthene	207-08-9	8400	1000			540				370	U	68	J	48	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			390	U			370	U	390	U	410	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			390	U			370	U	390	U	410	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	0		0		0		0		0		0	
			Sample Location	SS27		SS31		SS31		SS-33		SS-34		SS-35	
			Sample ID	SS-027~AA26223~~102402		SS-031~A0KK9-7A66~~110102		SS-031~AA26627~~110102		APJ97		APJ99		APK02	
			Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	0.25		0.25		0.25		0.5		0.5		0.5	
			Sample Date	10/24/2002		11/1/2002		11/1/2002		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			56	JB			33	J	53	J	130	J
Butylbenzylphthalate	85-68-7	1000000	200000			38	J			370	U	390	U	410	U
Caprolactam	105-60-2	--	--			390	U								
Carbazole	86-74-8	31000	1000			83	J			370	U	390	U	410	U
Chrysene	218-01-9	84000	1000			500				370	U	110	J	67	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000			120	J			370	U	390	U	410	U
Dibenzofuran	132-64-9	270000	5600			18	J			370	U	390	U	410	U
Diethylphthalate	84-66-2	1000000	1100000			390	U			370	U	390	U	410	U
Dimethylphthalate	131-11-3	1000000	1100000			390	U			370	U	390	U	410	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000			390	U			370	U	390	U	410	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000			390	U			370	U	390	U	410	U
Fluoranthene	206-44-0	1000000	56000			1100				70	J	180	J	140	J
Fluorene	86-73-7	1000000	56000			390	U			370	U	390	U	410	U
Hexachlorobenzene	118-74-1	1000	1000			390	U			370	U	390	U	410	U
Hexachlorobutadiene	87-68-3	7900	--			390	U			370	U	390	U	410	U
Hexachlorocyclopentadiene	77-47-4	470000	9800			390	U			370	U	390	U	410	U
Hexachloroethane	67-72-1	44000	1000			390	U			370	U	390	U	410	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			330	J			370	U	71	J	45	J
Isophorone	78-59-1	640000	7400			390	U			370	U	390	U	410	U
Naphthalene	91-20-3	1000000	56000	1	JB	390	U	6	U	370	U	390	U	410	U
Nitrobenzene	98-95-3	34000	1000			390	U			370	U	390	U	410	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			390	U			370	U	390	U	410	U
N-Nitrosodiphenylamine	86-30-6	130000	1400			390	U								
Pentachlorophenol	87-86-5	5100	1000			980	U			920	U	990	U	1000	U
Phenanthrene	85-01-8	1000000	40000			420				370	U	87	J	78	J
Phenol	108-95-2	1000000	800000			390	U			370	U	390	U	410	U
Pyrene	129-00-0	1000000	40000			750				61	J	190	J	120	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	0		0		0		0.5		0.5		0.5		0.5	
			Sample Location	SS-36		SS-37		SS-38		SS-33		SS-34		SS-34		SS-35	
			Sample ID	APK04		APK06		APK08		APJ98		APK00		APK01		APK03	
			Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	0.5		0.5		0.5		2		2		2		2	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		N		FD		N	
			Field Duplicate Parent											APK00			
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--														
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400														
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	380	U	390	UJ	400	U	380	U	770	U	380	U	350	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--														
2,4,5-Trichlorophenol	95-95-4	1000000	140000	950	U	990	U	1000	U	960	U	1900	U	960	U	890	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
2,4-Dichlorophenol	120-83-2	200000	4000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
2,4-Dimethylphenol	105-67-9	1000000	28000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
2,4-Dinitrophenol	51-28-5	140000	2800	950	U	990	U	1000	U	960	U	1900	U	960	U	890	U
2,4-Dinitrotoluene	121-14-2	140000	2800	380	U	390	U	400	U	380	U	770	U	380	U	350	U
2,6-Dinitrotoluene	606-20-2	--	1400	380	U	390	U	400	U	380	U	770	U	380	U	350	U
2-Chloronaphthalene	91-58-7	1000000	110000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
2-Chlorophenol	95-57-8	340000	7200	380	U	390	U	400	U	380	U	770	U	380	U	350	U
2-Methylnaphthalene	91-57-6	474000	--	380	U	86	J	400	U	380	U	80	J	380	U	350	U
2-Methylphenol	95-48-7	1000000	70000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
2-Nitroaniline	88-74-4	4100	1650	950	U	990	U	1000	U	960	U	1900	U	960	U	890	U
2-Nitrophenol	88-75-5	540000	11000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	380	U	390	U	400	U	380	U	770	U	380	U	350	U
3-Nitroaniline	99-09-2	200000	4200	950	U	990	U	1000	U	960	U	1900	U	960	U	890	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	950	U	990	U	1000	U	960	U	1900	U	960	U	890	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
4-Chloro-3-Methylphenol	59-50-7	--	--	380	U	390	U	400	U	380	U	770	U	380	U	350	U
4-Chloroaniline	106-47-8	270000	5600	380	U	390	UJ	400	UJ	380	U	770	U	380	U	350	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
4-Methylphenol	106-44-5	340000	7000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
4-Nitroaniline	100-01-6	200000	4200	950	U	990	U	1000	U	960	U	1900	U	960	U	890	U
4-Nitrophenol	100-02-7	--	--	950	U	990	U	1000	U	960	U	1900	U	960	U	890	U
Acenaphthene	83-32-9	1000000	84000	380	U	270	J	400	U	380	U	260	J	120	J	350	U
Acenaphthylene	208-96-8	1000000	84000	380	U	390	U	400	U	380	U	770	U	43	J	350	U
Acetophenone	98-86-2	--	--														
Anthracene	120-12-7	1000000	400000	380	U	290	J	64	J	140	J	620	J	240	J	77	J
Atrazine	1912-24-9	2800	200														
Benzaldehyde	100-52-7	--	--														
Benzo(A)Anthracene	56-55-3	1000	1000	190	J	580		540		530		**1300**		840		220	J
Benzo(A)Pyrene	50-32-8	1000	1000	140	J	430		420		370	J	790		540		110	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	290	J	610		740		550		**1300**		880		200	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	140	J	300	J	280	J	290	J	550	J	390		55	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	230	J	270	J	320	J	230	J	690	J	580		110	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	380	U	390	U	400	U	380	U	770	U	380	U	350	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	0		0		0		0.5		0.5		0.5		0.5	
			Sample Location	SS-36		SS-37		SS-38		SS-33		SS-34		SS-34		SS-35	
			Sample ID	APK04		APK06		APK08		APJ98		APK00		APK01		APK03	
			Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	0.5		0.5		0.5		2		2		2		2	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		N		FD		N	
			Field Duplicate Parent											APK00			
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	130	J	100	J	160	J	200	J	240	J	380	U	110	J
Butylbenzylphthalate	85-68-7	1000000	200000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Caprolactam	105-60-2	--	--														
Carbazole	86-74-8	31000	1000	380	U	260	J	72	J	77	J	500	J	210	J	350	U
Chrysene	218-01-9	84000	1000	300	J	770		540		620		**1800**	J	870	J	290	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	39	J	63	J	69	J	100	J	210	J	180	J	350	U
Dibenzofuran	132-64-9	270000	5600	380	U	150	J	400	U	380	U	240	J	100	J	350	U
Diethylphthalate	84-66-2	1000000	1100000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Dimethylphthalate	131-11-3	1000000	1100000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000	380	U	390	UJ	400	U	380	U	770	U	380	U	350	U
Fluoranthene	206-44-0	1000000	56000	510		1600		1300		1200		3900	J	2000	J	430	
Fluorene	86-73-7	1000000	56000	380	U	220	J	400	U	380	U	280	J	120	J	350	U
Hexachlorobenzene	118-74-1	1000	1000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Hexachlorobutadiene	87-68-3	7900	--	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Hexachloroethane	67-72-1	44000	1000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	180	J	310	J	370	J	290	J	640	J	480		73	J
Isophorone	78-59-1	640000	7400	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Naphthalene	91-20-3	1000000	56000	380	U	160	J	400	U	380	U	160	J	58	J	350	U
Nitrobenzene	98-95-3	34000	1000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
N-Nitrosodiphenylamine	86-30-6	130000	1400														
Pentachlorophenol	87-86-5	5100	1000	950	U	990	U	1000	U	960	U	1900	U	960	U	890	U
Phenanthrene	85-01-8	1000000	40000	170	J	2000		490	J	590		3500	J	1500	J	300	J
Phenol	108-95-2	1000000	800000	380	U	390	U	400	U	380	U	770	U	380	U	350	U
Pyrene	129-00-0	1000000	40000	440		1600		1000		1100		3100	J	1700	J	420	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	0.5		0.5		0.5		2		2		5		5	
			Sample Location	SS-36		SS-37		SS-38		SB167		SB167		SB163		SB164	
			Sample ID	APK05		APK07		APK09		80018-DUP110-0203		80018-SB167-0203		80018-SB163-0507		80018-SB164-0507	
			Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	2		2		2		3		3		7		7	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		11/12/2008		11/12/2008		10/21/2008		10/21/2008	
			Sample Type	N		N		N		FD		N		N		N	
			Field Duplicate Parent							80018-SB167-0203							
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--							190	U	190	U	210	U	200	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400							190	U	190	U	210	U	200	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	380	UJ	380	UJ	350	U	190	U	190	U	210	U	200	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--							190	U	190	U	210	U	200	U
2,4,5-Trichlorophenol	95-95-4	1000000	140000	950	U	960	U	890	U	190	U	190	U	210	U	200	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
2,4-Dichlorophenol	120-83-2	200000	4000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
2,4-Dimethylphenol	105-67-9	1000000	28000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
2,4-Dinitrophenol	51-28-5	140000	2800	950	U	960	U	890	U	370	U	370	U	400	U	380	U
2,4-Dinitrotoluene	121-14-2	140000	2800	380	U	380	U	350	U	190	U	190	U	210	U	200	U
2,6-Dinitrotoluene	606-20-2	--	1400	380	U	380	U	350	U	190	U	190	U	210	U	200	U
2-Chloronaphthalene	91-58-7	1000000	110000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
2-Chlorophenol	95-57-8	340000	7200	380	U	380	U	350	U	190	U	190	U	210	U	200	U
2-Methylnaphthalene	91-57-6	474000	--	380	U	82	J	350	U	190	U	190	U	46	J	200	U
2-Methylphenol	95-48-7	1000000	70000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
2-Nitroaniline	88-74-4	4100	1650	950	U	960	U	890	U	370	U	370	U	400	U	380	U
2-Nitrophenol	88-75-5	540000	11000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	380	U	380	U	350	U	190	U	190	U	210	U	200	U
3-Nitroaniline	99-09-2	200000	4200	950	U	960	U	890	U	370	U	370	U	400	U	380	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	950	U	960	U	890	U	370	U	370	U	400	U	380	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
4-Chloro-3-Methylphenol	59-50-7	--	--	380	U	380	U	350	U	190	U	190	U	210	U	200	U
4-Chloroaniline	106-47-8	270000	5600	380	UJ	380	UJ	350	U	190	U	190	U	210	U	200	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
4-Methylphenol	106-44-5	340000	7000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
4-Nitroaniline	100-01-6	200000	4200	950	U	960	U	890	U	370	U	370	U	400	U	380	U
4-Nitrophenol	100-02-7	--	--	950	U	960	U	890	U	370	U	370	U	400	U	380	U
Acenaphthene	83-32-9	1000000	84000	380	U	900		350	U	22	J	28	J	210	U	23	J
Acenaphthylene	208-96-8	1000000	84000	52	J	130	J	350	U	140	J	170	J	40	J	93	J
Acetophenone	98-86-2	--	--							190	U	190	U	210	U	200	U
Anthracene	120-12-7	1000000	400000	130	J	1400		350	U	71	J	90	J	53	J	110	J
Atrazine	1912-24-9	2800	200							190	U	190	U	210	U	200	U
Benzaldehyde	100-52-7	--	--							190	U	190	U	210	U	200	U
Benzo(A)Anthracene	56-55-3	1000	1000	920		**3400**		180	J	380		430		190	J	430	J
Benzo(A)Pyrene	50-32-8	1000	1000	510		**2600**		150	J	470		510		180	J	480	
Benzo(B)Fluoranthene	205-99-2	1000	1000	910		**2800**		330	J	520		690		200	J	650	
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	340	J	1400		150	J	140	J	150	J	42	J	140	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	610		**1900**		130	J	500		470		230		470	
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	380	U	380	U	350	U	190	U	190	U	210	U	200	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	0.5		0.5		0.5		2		2		5		5	
			Sample Location	SS-36		SS-37		SS-38		SB167		SB167		SB163		SB164	
			Sample ID	APK05		APK07		APK09		80018-DUP110-0203		80018-SB167-0203		80018-SB163-0507		80018-SB164-0507	
			Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	2		2		2		3		3		7		7	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		11/12/2008		11/12/2008		10/21/2008		10/21/2008	
			Sample Type	N		N		N		FD		N		N		N	
			Field Duplicate Parent							80018-SB167-0203							
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	**11000**		240	J	64	J	37	J	50	J	210	U	200	U
Butylbenzylphthalate	85-68-7	1000000	200000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Caprolactam	105-60-2	--	--							190	U	190	U	210	U	200	U
Carbazole	86-74-8	31000	1000	130	J	**1100**		37	J	88	J	96	J	29	J	51	J
Chrysene	218-01-9	84000	1000	**1100**		**3400**		320	J	600		690		240	J	520	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	130	J	660		46	J	54	J	52	J	210	U	51	J
Dibenzofuran	132-64-9	270000	5600	380	U	620		350	U	190	U	25	J	26	J	21	J
Diethylphthalate	84-66-2	1000000	1100000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Dimethylphthalate	131-11-3	1000000	1100000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000	380	UJ	230	J	350	U	190	U	190	U	210	UJ	200	UJ
Fluoranthene	206-44-0	1000000	56000	1800		9300		620		1300		1600		580	J	1200	J
Fluorene	86-73-7	1000000	56000	380	U	1000		350	U	37	J	48	J	210	U	200	U
Hexachlorobenzene	118-74-1	1000	1000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Hexachlorobutadiene	87-68-3	7900	--	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Hexachloroethane	67-72-1	44000	1000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	410		**1700**		160	J	190	J	190	J	48	J	170	J
Isophorone	78-59-1	640000	7400	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Naphthalene	91-20-3	1000000	56000	380	U	100	J	350	U	190	U	190	U	88	J	21	J
Nitrobenzene	98-95-3	34000	1000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
N-Nitrosodiphenylamine	86-30-6	130000	1400							190	U	190	U	210	U	200	U
Pentachlorophenol	87-86-5	5100	1000	950	U	960	U	890	U	370	UJ	370	UJ	400	U	380	U
Phenanthrene	85-01-8	1000000	40000	1200		8200		250	J	570		730		280		490	
Phenol	108-95-2	1000000	800000	380	U	380	U	350	U	190	U	190	U	210	U	200	U
Pyrene	129-00-0	1000000	40000	1700		8900		460		720		840		280	J	620	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	5		5		4		4		5	
			Sample Location	SB165		SB166		SB205		SB206		SB32	
			Sample ID	80018-SB165-0507		80018-SB166-0507		80018-SB205-0410-0311		80018-SB206-0410-0311		SB32-05-10~H73GK210~~101502	
			Risk Zone	E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	7		7		10		10		10	
			Sample Date	10/21/2008		10/21/2008		4/4/2011		4/4/2011		10/15/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	190	U	200	U	290	U	230	U		R
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400	190	U	200	U	290	U	230	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	190	U	200	U	290	U	230	U		R
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	190	U	200	U	290	U	230	U		
2,4,5-Trichlorophenol	95-95-4	1000000	140000	190	U	200	U	290	U	230	U		R
2,4,6-Trichlorophenol	88-06-2	56000	1000	190	U	200	U	290	U	230	U		R
2,4-Dichlorophenol	120-83-2	200000	4000	190	U	200	U	290	U	230	U		R
2,4-Dimethylphenol	105-67-9	1000000	28000	190	U	200	U	290	U	230	U		R
2,4-Dinitrophenol	51-28-5	140000	2800	370	U	380	U	560	U	450	U		R
2,4-Dinitrotoluene	121-14-2	140000	2800	190	U	200	U	290	U	230	U		R
2,6-Dinitrotoluene	606-20-2	--	1400	190	U	200	U	290	U	230	U		R
2-Chloronaphthalene	91-58-7	1000000	110000	190	U	200	U	290	U	230	U		R
2-Chlorophenol	95-57-8	340000	7200	190	U	200	U	290	U	230	U		R
2-Methylnaphthalene	91-57-6	474000	--	190	U	200	U	290	U	230	U		R
2-Methylphenol	95-48-7	1000000	70000	190	U	200	U	290	U	230	U		R
2-Nitroaniline	88-74-4	4100	1650	370	U	380	U	560	U	450	U		R
2-Nitrophenol	88-75-5	540000	11000	190	U	200	U	290	U	230	U		R
3,3'-Dichlorobenzidine	91-94-1	1400	330	190	U	200	U	290	U	230	U		R
3-Nitroaniline	99-09-2	200000	4200	370	U	380	U	560	U	450	U		R
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	370	U	380	U	560	U	450	U		R
4-Bromophenyl-Phenylether	101-55-3	500000	82000	190	U	200	U	290	U	230	U		R
4-Chloro-3-Methylphenol	59-50-7	--	--	190	U	200	U	290	U	230	U		R
4-Chloroaniline	106-47-8	270000	5600	190	U	200	U	290	U	230	U		R
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	190	U	200	U	290	U	230	U		R
4-Methylphenol	106-44-5	340000	7000	190	U	200	U	290	U	230	U		R
4-Nitroaniline	100-01-6	200000	4200	370	U	380	U	560	U	450	U		R
4-Nitrophenol	100-02-7	--	--	370	U	380	U	560	U	450	U		R
Acenaphthene	83-32-9	1000000	84000	190	U	200	U	290	U	230	U		R
Acenaphthylene	208-96-8	1000000	84000	50	J	34	J	290	U	230	U		R
Acetophenone	98-86-2	--	--	190	U	200	U	76	J	55	J		R
Anthracene	120-12-7	1000000	400000	71	J	29	J	80	J	230	U		R
Atrazine	1912-24-9	2800	200	190	U	200	U	290	U	230	U		R
Benzaldehyde	100-52-7	--	--	190	U	200	U	290	U	230	U		R
Benzo(A)Anthracene	56-55-3	1000	1000	360	J	120	J	190	J	100	J		R
Benzo(A)Pyrene	50-32-8	1000	1000	350		120	J	150	J	74	J		R
Benzo(B)Fluoranthene	205-99-2	1000	1000	430		150	J	180	J	87	J		R
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	91	J	35	J	290	U	230	U		R
Benzo(K)Fluoranthene	207-08-9	8400	1000	430		160	J	150	J	82	J		R
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	190	U	200	U	290	U	230	U		R
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	190	U	200	U	290	U	230	U		R

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	5		5		4		4		5	
			Sample Location	SB165		SB166		SB205		SB206		SB32	
			Sample ID	80018-SB165-0507		80018-SB166-0507		80018-SB205-0410-0311		80018-SB206-0410-0311		SB32-05-10~H73GK210~~101502	
			Risk Zone	E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	7		7		10		10		10	
			Sample Date	10/21/2008		10/21/2008		4/4/2011		4/4/2011		10/15/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	190	U	200	U	290	U	230	U	250	J
Butylbenzylphthalate	85-68-7	1000000	200000	19	JEB	23	JEB	290	U	230	U		R
Caprolactam	105-60-2	--	--	64	J	200	U	290	U	230	U		R
Carbazole	86-74-8	31000	1000	25	J	200	U	290	U	230	U		R
Chrysene	218-01-9	84000	1000	440	J	160	J	230	J	130	J	47	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	35	J	200	U	290	U	230	U		R
Dibenzofuran	132-64-9	270000	5600	190	U	200	U	290	U	230	U		R
Diethylphthalate	84-66-2	1000000	1100000	190	U	200	U	290	U	230	U		R
Dimethylphthalate	131-11-3	1000000	1100000	190	U	200	U	290	U	230	U		R
Di-N-Butyl Phthalate	84-74-2	1000000	140000	190	U	200	U	290	U	230	U		R
Di-N-Octyl Phthalate	117-84-0	1000000	20000	190	UJ	200	UJ	290	U	230	U		R
Fluoranthene	206-44-0	1000000	56000	900	J	370	J	530		250		54	J
Fluorene	86-73-7	1000000	56000	190	U	200	U	290	U	230	U		R
Hexachlorobenzene	118-74-1	1000	1000	190	U	200	U	290	U	230	U		R
Hexachlorobutadiene	87-68-3	7900	--	190	U	200	U	290	U	230	U		R
Hexachlorocyclopentadiene	77-47-4	470000	9800	190	U	200	U	290	U	230	U		R
Hexachloroethane	67-72-1	44000	1000	190	U	200	U	290	U	230	U		R
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	100	J	39	J	78	J	230	U		R
Isophorone	78-59-1	640000	7400	190	U	200	U	290	U	230	U		R
Naphthalene	91-20-3	1000000	56000	190	U	200	U	290	U	230	U		R
Nitrobenzene	98-95-3	34000	1000	190	U	200	U	290	U	230	U		R
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	190	U	200	U	290	U	230	U		R
N-Nitrosodiphenylamine	86-30-6	130000	1400	190	U	200	U	290	U	230	U		R
Pentachlorophenol	87-86-5	5100	1000	370	U	380	U	560	U	450	U		R
Phenanthrene	85-01-8	1000000	40000	230		160	J	440		190	J		R
Phenol	108-95-2	1000000	800000	190	U	200	U	290	U	230	U		R
Pyrene	129-00-0	1000000	40000	410	J	180	J	380		230	U	86	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	5		8		8		10	
			Sample Location	SB36		SB32		SB33		SB32	
			Sample ID	SB36-05-10~H73GK192~~101502		SB32-8-9~AA26034~~101002		SB33-8-9~AA26033~~101002		SB32-10-15~H73GK188~~101502	
			Risk Zone	E3*		E3*		E3*		E3*	
			Bottom Depth	10		9		9		15	
			Sample Date	10/15/2002		10/10/2002		10/10/2002		10/15/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--		R						R
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400		R						R
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000		R						R
2,4,6-Trichlorophenol	88-06-2	56000	1000		R						R
2,4-Dichlorophenol	120-83-2	200000	4000		R						R
2,4-Dimethylphenol	105-67-9	1000000	28000		R						R
2,4-Dinitrophenol	51-28-5	140000	2800		R						R
2,4-Dinitrotoluene	121-14-2	140000	2800		R						R
2,6-Dinitrotoluene	606-20-2	--	1400		R						R
2-Chloronaphthalene	91-58-7	1000000	110000		R						R
2-Chlorophenol	95-57-8	340000	7200		R						R
2-Methylnaphthalene	91-57-6	474000	--		R						R
2-Methylphenol	95-48-7	1000000	70000		R						R
2-Nitroaniline	88-74-4	4100	1650		R						R
2-Nitrophenol	88-75-5	540000	11000		R						R
3,3'-Dichlorobenzidine	91-94-1	1400	330		R						R
3-Nitroaniline	99-09-2	200000	4200		R						R
4,6-Dinitro-2-Methylphenol	534-52-1	--	--		R						R
4-Bromophenyl-Phenylether	101-55-3	500000	82000		R						R
4-Chloro-3-Methylphenol	59-50-7	--	--		R						R
4-Chloroaniline	106-47-8	270000	5600		R						R
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000		R						R
4-Methylphenol	106-44-5	340000	7000		R						R
4-Nitroaniline	100-01-6	200000	4200		R						R
4-Nitrophenol	100-02-7	--	--		R						R
Acenaphthene	83-32-9	1000000	84000		R						R
Acenaphthylene	208-96-8	1000000	84000		R						R
Acetophenone	98-86-2	--	--		R						R
Anthracene	120-12-7	1000000	400000		R						R
Atrazine	1912-24-9	2800	200		R						R
Benzaldehyde	100-52-7	--	--		R						R
Benzo(A)Anthracene	56-55-3	1000	1000		R						R
Benzo(A)Pyrene	50-32-8	1000	1000		R						R
Benzo(B)Fluoranthene	205-99-2	1000	1000		R						R
Benzo(G,H,I)Perylene	191-24-2	1000000	42000		R						R
Benzo(K)Fluoranthene	207-08-9	8400	1000		R						R
Bis(2-Chloroethoxy)Methane	111-91-1	--	--		R						R
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400		R						R

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.			
			Top Depth	5		8		8		10			
			Sample Location	SB36		SB32		SB33		SB32			
			Sample ID	SB36-05-10~H73GK192~~101502		SB32-8-9~AA26034~~101002		SB33-8-9~AA26033~~101002		SB32-10-15~H73GK188~~101502			
			Risk Zone	E3*		E3*		E3*		E3*			
			Bottom Depth	10		9		9		15			
			Sample Date	10/15/2002		10/10/2002		10/10/2002		10/15/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	270	J					360	J		
Butylbenzylphthalate	85-68-7	1000000	200000		R						R		
Caprolactam	105-60-2	--	--		R						R		
Carbazole	86-74-8	31000	1000		R						R		
Chrysene	218-01-9	84000	1000		R						R		
Dibenz(A,H)Anthracene	53-70-3	1000	1000		R						R		
Dibenzofuran	132-64-9	270000	5600		R						R		
Diethylphthalate	84-66-2	1000000	1100000		R						R		
Dimethylphthalate	131-11-3	1000000	1100000		R						R		
Di-N-Butyl Phthalate	84-74-2	1000000	140000		R						R		
Di-N-Octyl Phthalate	117-84-0	1000000	20000		R						R		
Fluoranthene	206-44-0	1000000	56000		R						R		
Fluorene	86-73-7	1000000	56000		R						R		
Hexachlorobenzene	118-74-1	1000	1000		R						R		
Hexachlorobutadiene	87-68-3	7900	--		R						R		
Hexachlorocyclopentadiene	77-47-4	470000	9800		R						R		
Hexachloroethane	67-72-1	44000	1000		R						R		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000		R						R		
Isophorone	78-59-1	640000	7400		R						R		
Naphthalene	91-20-3	1000000	56000		R	9	U	6	U		R		
Nitrobenzene	98-95-3	34000	1000		R						R		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000		R						R		
N-Nitrosodiphenylamine	86-30-6	130000	1400		R						R		
Pentachlorophenol	87-86-5	5100	1000		R						R		
Phenanthrene	85-01-8	1000000	40000		R						R		
Phenol	108-95-2	1000000	800000		R						R		
Pyrene	129-00-0	1000000	40000		R						R		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	10		10		14		15	
			Sample Location	SB33		SB36		SB32		SB32	
			Sample ID	SB33-10-15~H73GK191~~101502		SB36-10-11~AA26027~~102102		SB32-14-15~AA26035~~101002		KSB32-15-20~H73GK206~FDOFA0SB8~101502	
			Risk Zone	E3*		E3*		E3*		E3*	
			Bottom Depth	15		11		15		20	
			Sample Date	10/15/2002		10/21/2002		10/10/2002		10/15/2002	
			Sample Type	N		N		N		FD	
			Field Duplicate Parent							SB32-15-20~H73GK205~FDOFA0SB9~101502	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--		R					400	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400		R					400	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000		R					1000	U
2,4,6-Trichlorophenol	88-06-2	56000	1000		R					400	U
2,4-Dichlorophenol	120-83-2	200000	4000		R					400	U
2,4-Dimethylphenol	105-67-9	1000000	28000		R					400	U
2,4-Dinitrophenol	51-28-5	140000	2800		R					1000	U
2,4-Dinitrotoluene	121-14-2	140000	2800		R					400	U
2,6-Dinitrotoluene	606-20-2	--	1400		R					400	U
2-Chloronaphthalene	91-58-7	1000000	110000		R					400	U
2-Chlorophenol	95-57-8	340000	7200		R					400	U
2-Methylnaphthalene	91-57-6	474000	--		R					400	U
2-Methylphenol	95-48-7	1000000	70000		R					400	U
2-Nitroaniline	88-74-4	4100	1650		R					1000	U
2-Nitrophenol	88-75-5	540000	11000		R					400	U
3,3'-Dichlorobenzidine	91-94-1	1400	330		R					400	U
3-Nitroaniline	99-09-2	200000	4200		R					1000	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--		R					1000	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000		R					400	U
4-Chloro-3-Methylphenol	59-50-7	--	--		R					400	U
4-Chloroaniline	106-47-8	270000	5600		R					400	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000		R					400	U
4-Methylphenol	106-44-5	340000	7000		R					400	U
4-Nitroaniline	100-01-6	200000	4200		R					1000	U
4-Nitrophenol	100-02-7	--	--		R					1000	U
Acenaphthene	83-32-9	1000000	84000		R					400	U
Acenaphthylene	208-96-8	1000000	84000		R					400	U
Acetophenone	98-86-2	--	--		R					400	U
Anthracene	120-12-7	1000000	400000		R					400	U
Atrazine	1912-24-9	2800	200		R					400	U
Benzaldehyde	100-52-7	--	--		R					400	U
Benzo(A)Anthracene	56-55-3	1000	1000		R					400	U
Benzo(A)Pyrene	50-32-8	1000	1000		R					400	U
Benzo(B)Fluoranthene	205-99-2	1000	1000		R					400	U
Benzo(G,H,I)Perylene	191-24-2	1000000	42000		R					400	U
Benzo(K)Fluoranthene	207-08-9	8400	1000		R					400	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	--		R					400	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400		R					400	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.			
			Top Depth	10		10		14		15			
			Sample Location	SB33		SB36		SB32		SB32			
			Sample ID	SB33-10-15~H73GK191~~101502		SB36-10-11~AA26027~~102102		SB32-14-15~AA26035~~101002		KSB32-15-20~H73GK206~FDOFA0SB8~101502			
			Risk Zone	E3*		E3*		E3*		E3*			
			Bottom Depth	15		11		15		20			
			Sample Date	10/15/2002		10/21/2002		10/10/2002		10/15/2002			
			Sample Type	N		N		N		FD			
			Field Duplicate Parent							SB32-15-20~H73GK205~FDOFA0SB9~101502			
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	760	J					310	J		
Butylbenzylphthalate	85-68-7	1000000	200000		R					400	U		
Caprolactam	105-60-2	--	--		R					400	U		
Carbazole	86-74-8	31000	1000		R					400	U		
Chrysene	218-01-9	84000	1000		R					400	U		
Dibenz(A,H)Anthracene	53-70-3	1000	1000		R					400	U		
Dibenzofuran	132-64-9	270000	5600		R					400	U		
Diethylphthalate	84-66-2	1000000	1100000		R					400	U		
Dimethylphthalate	131-11-3	1000000	1100000		R					400	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000		R					400	U		
Di-N-Octyl Phthalate	117-84-0	1000000	20000		R					400	U		
Fluoranthene	206-44-0	1000000	56000	49	J					400	U		
Fluorene	86-73-7	1000000	56000		R					400	U		
Hexachlorobenzene	118-74-1	1000	1000		R					400	U		
Hexachlorobutadiene	87-68-3	7900	--		R					400	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800		R					400	U		
Hexachloroethane	67-72-1	44000	1000		R					400	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000		R					400	U		
Isophorone	78-59-1	640000	7400		R					400	U		
Naphthalene	91-20-3	1000000	56000		R	6	U	96	JB	400	U		
Nitrobenzene	98-95-3	34000	1000		R					400	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000		R					400	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400		R					400	U		
Pentachlorophenol	87-86-5	5100	1000		R					1000	U		
Phenanthrene	85-01-8	1000000	40000		R					400	U		
Phenol	108-95-2	1000000	800000		R					400	U		
Pyrene	129-00-0	1000000	40000	55	J					400	U		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		17 Dunbar St.		17 Dur
			Top Depth	15		16		16		0		5
			Sample Location	SB32		SB33		SB36		SB03		SB
			Sample ID	SB32-15-20~H73GK205~FDOFA0SB9~101502		SB33-16-17~AA26032~~101002		SB36-16-17~AA26026~~102102		SB03-00-05~H73GK186~~101602		80018-SB
			Risk Zone	E3*		E3*		E3*		D1		D
			Bottom Depth	20		17		17		5		7
			Sample Date	10/15/2002		10/10/2002		10/21/2002		10/16/2002		10/27
			Sample Type	N		N		N		N		N
			Field Duplicate Parent									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
1,1'-Biphenyl	92-52-4	--	--	420	U						R	220
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400									220
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	420	U						R	220
2,3,4,6-Tetrachlorophenol	58-90-2	--	--									220
2,4,5-Trichlorophenol	95-95-4	1000000	140000	1100	U						R	220
2,4,6-Trichlorophenol	88-06-2	56000	1000	420	U						R	220
2,4-Dichlorophenol	120-83-2	200000	4000	420	U						R	220
2,4-Dimethylphenol	105-67-9	1000000	28000	420	U						R	220
2,4-Dinitrophenol	51-28-5	140000	2800	1100	U						R	430
2,4-Dinitrotoluene	121-14-2	140000	2800	420	U						R	220
2,6-Dinitrotoluene	606-20-2	--	1400	420	U						R	220
2-Chloronaphthalene	91-58-7	1000000	110000	420	U						R	220
2-Chlorophenol	95-57-8	340000	7200	420	U						R	220
2-Methylnaphthalene	91-57-6	474000	--	420	U						R	220
2-Methylphenol	95-48-7	1000000	70000	420	U						R	220
2-Nitroaniline	88-74-4	4100	1650	1100	U						R	430
2-Nitrophenol	88-75-5	540000	11000	420	U						R	220
3,3'-Dichlorobenzidine	91-94-1	1400	330	420	U						R	220
3-Nitroaniline	99-09-2	200000	4200	1100	U						R	430
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1100	U						R	430
4-Bromophenyl-Phenylether	101-55-3	500000	82000	420	U						R	220
4-Chloro-3-Methylphenol	59-50-7	--	--	420	U						R	220
4-Chloroaniline	106-47-8	270000	5600	420	U						R	220
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	420	U						R	220
4-Methylphenol	106-44-5	340000	7000	420	U						R	220
4-Nitroaniline	100-01-6	200000	4200	1100	U						R	430
4-Nitrophenol	100-02-7	--	--	1100	U						R	430
Acenaphthene	83-32-9	1000000	84000	420	U						R	220
Acenaphthylene	208-96-8	1000000	84000	420	U						R	220
Acetophenone	98-86-2	--	--	420	U						R	220
Anthracene	120-12-7	1000000	400000	420	U						R	220
Atrazine	1912-24-9	2800	200	420	U						R	220
Benzaldehyde	100-52-7	--	--	420	U						R	220
Benzo(A)Anthracene	56-55-3	1000	1000	420	U						R	58
Benzo(A)Pyrene	50-32-8	1000	1000	420	U						R	80
Benzo(B)Fluoranthene	205-99-2	1000	1000	420	U						R	83
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	420	U						R	55
Benzo(K)Fluoranthene	207-08-9	8400	1000	420	U						R	75
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	420	U						R	220
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	420	U						R	220

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		17 Dunbar St.		17 Dur
			Top Depth	15		16		16		0		5
			Sample Location	SB32		SB33		SB36		SB03		SB
			Sample ID	SB32-15-20~H73GK205~FDOFA0SB9~101502		SB33-16-17~AA26032~~101002		SB36-16-17~AA26026~~102102		SB03-00-05~H73GK186~~101602		80018-SB
			Risk Zone	E3*		E3*		E3*		D1		D
			Bottom Depth	20		17		17		5		7
			Sample Date	10/15/2002		10/10/2002		10/21/2002		10/16/2002		10/27
			Sample Type	N		N		N		N		N
			Field Duplicate Parent									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	100	J					180	J	220
Butylbenzylphthalate	85-68-7	1000000	200000	420	U						R	220
Caprolactam	105-60-2	--	--	420	U						R	220
Carbazole	86-74-8	31000	1000	420	U						R	220
Chrysene	218-01-9	84000	1000	420	U					45	J	95
Dibenz(A,H)Anthracene	53-70-3	1000	1000	420	U						R	220
Dibenzofuran	132-64-9	270000	5600	420	U						R	220
Diethylphthalate	84-66-2	1000000	1100000	420	U						R	220
Dimethylphthalate	131-11-3	1000000	1100000	420	U						R	220
Di-N-Butyl Phthalate	84-74-2	1000000	140000	420	U						R	220
Di-N-Octyl Phthalate	117-84-0	1000000	20000	420	U						R	220
Fluoranthene	206-44-0	1000000	56000	420	U					77	J	170
Fluorene	86-73-7	1000000	56000	420	U						R	220
Hexachlorobenzene	118-74-1	1000	1000	420	U						R	220
Hexachlorobutadiene	87-68-3	7900	--	420	U						R	220
Hexachlorocyclopentadiene	77-47-4	470000	9800	420	U						R	220
Hexachloroethane	67-72-1	44000	1000	420	U						R	220
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	420	U						R	55
Isophorone	78-59-1	640000	7400	420	U						R	220
Naphthalene	91-20-3	1000000	56000	420	U	5	U	6	U		R	220
Nitrobenzene	98-95-3	34000	1000	420	U						R	220
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	420	U						R	220
N-Nitrosodiphenylamine	86-30-6	130000	1400	420	U						R	220
Pentachlorophenol	87-86-5	5100	1000	1100	U						R	430
Phenanthrene	85-01-8	1000000	40000	420	U						R	93
Phenol	108-95-2	1000000	800000	420	U						R	220
Pyrene	129-00-0	1000000	40000	420	U					77	J	170

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				Address	bar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.	
				Top Depth	5		4		0		0	
				Sample Location	110		SB192		SS02		SS09	
				Sample ID	110-0507		80018-SB192-0410-0311		SS-02~S2101413.D~~100802		SS-09~A0RG2-1A70~~103102	
				Risk Zone	1		D1*		D1		D1	
				Bottom Depth	7		9		0.25		0.25	
				Sample Date	/2008		3/31/2011		10/8/2002		10/31/2002	
				Sample Type	N		N		N		N	
				Field Duplicate Parent								
				Unit	/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	U	220	U	800	U	420	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400	U	220	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	U	220	U	800	U	420	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	U	220	U						
2,4,5-Trichlorophenol	95-95-4	1000000	140000	U	220	U	2000	U	1100	U		
2,4,6-Trichlorophenol	88-06-2	56000	1000	U	220	U	800	U	420	U		
2,4-Dichlorophenol	120-83-2	200000	4000	U	220	U	800	U	420	U		
2,4-Dimethylphenol	105-67-9	1000000	28000	U	220	U	800	U	420	U		
2,4-Dinitrophenol	51-28-5	140000	2800	U	430	U	2000	U	1100	U		
2,4-Dinitrotoluene	121-14-2	140000	2800	U	220	U	800	U	420	U		
2,6-Dinitrotoluene	606-20-2	--	1400	U	220	U	800	U	420	U		
2-Chloronaphthalene	91-58-7	1000000	110000	U	220	U	800	U	420	U		
2-Chlorophenol	95-57-8	340000	7200	U	220	U	800	U	420	U		
2-Methylnaphthalene	91-57-6	474000	--	U	220	U	800	U	420	U		
2-Methylphenol	95-48-7	1000000	70000	U	220	U	800	U	420	U		
2-Nitroaniline	88-74-4	4100	1650	U	430	U	2000	U	1100	U		
2-Nitrophenol	88-75-5	540000	11000	U	220	U	800	U	420	U		
3,3'-Dichlorobenzidine	91-94-1	1400	330	U	220	U	800	UJ	420	U		
3-Nitroaniline	99-09-2	200000	4200	U	430	U	2000	U	1100	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	U	430	U	2000	U	1100	U		
4-Bromophenyl-Phenylether	101-55-3	500000	82000	U	220	U	800	U	420	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	U	220	U	800	U	420	U		
4-Chloroaniline	106-47-8	270000	5600	U	220	U	800	U	420	U		
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	U	220	U	800	U	420	U		
4-Methylphenol	106-44-5	340000	7000	U	220	U	800	U	420	U		
4-Nitroaniline	100-01-6	200000	4200	U	430	U	2000	U	1100	U		
4-Nitrophenol	100-02-7	--	--	U	430	U	2000	U	1100	U		
Acenaphthene	83-32-9	1000000	84000	U	220	U	120	J	420	U		
Acenaphthylene	208-96-8	1000000	84000	U	220	U	110	J	31	J		
Acetophenone	98-86-2	--	--	U	110	J	800	U	14	JB		
Anthracene	120-12-7	1000000	400000	U	71	J	460	J	220	J		
Atrazine	1912-24-9	2800	200	U	220	U	800	U	420	U		
Benzaldehyde	100-52-7	--	--	U	220	U	110	JEB	420	U		
Benzo(A)Anthracene	56-55-3	1000	1000	J	350		**1100**		**1800**			
Benzo(A)Pyrene	50-32-8	1000	1000	J	280		**1100**		**2100**			
Benzo(B)Fluoranthene	205-99-2	1000	1000	J	410		**1300**		**2700**			
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	J	150	J	750	J	1500			
Benzo(K)Fluoranthene	207-08-9	8400	1000	J	220	J	**1300**		**1900**			
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	U	220	U	800	U	420	U		
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	U	220	U	800	U	420	U		

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	bar St.	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.			
			Top Depth	5	4		0		0			
			Sample Location	110	SB192		SS02		SS09			
			Sample ID	110-0507	80018-SB192-0410-0311		SS-02~S2101413.D~~100802		SS-09~A0RG2-1A70~~103102			
			Risk Zone	1	D1*		D1		D1			
			Bottom Depth	7	9		0.25		0.25			
			Sample Date	/2008	3/31/2011		10/8/2002		10/31/2002			
			Sample Type	N	N		N		N			
			Field Duplicate Parent									
			Unit	/kg	ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	U	220	U	1200	J	290	JB		
Butylbenzylphthalate	85-68-7	1000000	200000	U	220	U	100	J	420	U		
Caprolactam	105-60-2	--	--	U	220	U	800	U	420	U		
Carbazole	86-74-8	31000	1000	U	220	U	260	J	420			
Chrysene	218-01-9	84000	1000	J	380		**1400**		**2600**			
Dibenz(A,H)Anthracene	53-70-3	1000	1000	U	220	U	380	J	530			
Dibenzofuran	132-64-9	270000	5600	U	220	U	82	J	25	J		
Diethylphthalate	84-66-2	1000000	1100000	U	220	U	800	U	420	U		
Dimethylphthalate	131-11-3	1000000	1100000	U	220	U	800	U	420	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	U	220	U	800	U	420	U		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	U	220	U	800	U	420	U		
Fluoranthene	206-44-0	1000000	56000	J	610		2800		4500	D		
Fluorene	86-73-7	1000000	56000	U	220	U	160	J	33	J		
Hexachlorobenzene	118-74-1	1000	1000	U	220	U	800	U	420	U		
Hexachlorobutadiene	87-68-3	7900	--	U	220	U	800	U	420	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800	U	220	U	800	U	420	U		
Hexachloroethane	67-72-1	44000	1000	U	220	U	800	U	420	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	J	180	J	740	J	**1700**			
Isophorone	78-59-1	640000	7400	U	220	U	800	U	420	U		
Naphthalene	91-20-3	1000000	56000	U	220	U	800	U	420	U		
Nitrobenzene	98-95-3	34000	1000	U	220	U	800	U	420	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	U	220	U	800	U	420	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400	U	220	U	800	U	420	U		
Pentachlorophenol	87-86-5	5100	1000	U	430	U	2000	U	1100	U		
Phenanthrene	85-01-8	1000000	40000	J	350		2000		1500			
Phenol	108-95-2	1000000	800000	U	220	U	800	U	420	U		
Pyrene	129-00-0	1000000	40000	J	980		2400		3100	D		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		27 Newman Ave.	
			Top Depth	0		0		0.5		0	
			Sample Location	SS108		SS-12		SS-12		SB02	
			Sample ID	80018-SS108-0006		APJ53		APJ54		KSB02-00-05~H73GK189~FDOFA0SA0~101402	
			Risk Zone	D1		D1		D1		F*	
			Bottom Depth	0.5		0.5		2		5	
			Sample Date	10/16/2008		4/27/1999		4/27/1999		10/14/2002	
			Sample Type	N		N		N		FD	
			Field Duplicate Parent							SB02-00-05~H73GK190~FDOFA0SA1~101402	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	200	U						R
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400	200	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	200	U	380	UJ	360	UJ		R
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	200	U						
2,4,5-Trichlorophenol	95-95-4	1000000	140000	200	U	940	U	900	U		R
2,4,6-Trichlorophenol	88-06-2	56000	1000	200	U	380	U	360	U		R
2,4-Dichlorophenol	120-83-2	200000	4000	200	U	380	U	360	U		R
2,4-Dimethylphenol	105-67-9	1000000	28000	200	U	380	U	360	U		R
2,4-Dinitrophenol	51-28-5	140000	2800	380	U	940	U	900	U		R
2,4-Dinitrotoluene	121-14-2	140000	2800	200	U	380	U	360	U		R
2,6-Dinitrotoluene	606-20-2	--	1400	200	U	380	U	360	U		R
2-Chloronaphthalene	91-58-7	1000000	110000	200	U	380	U	360	U		R
2-Chlorophenol	95-57-8	340000	7200	200	U	380	U	360	U		R
2-Methylnaphthalene	91-57-6	474000	--	200	U	380	U	360	U		R
2-Methylphenol	95-48-7	1000000	70000	200	U	380	U	360	U		R
2-Nitroaniline	88-74-4	4100	1650	380	U	940	UJ	900	UJ		R
2-Nitrophenol	88-75-5	540000	11000	200	U	380	U	360	U		R
3,3'-Dichlorobenzidine	91-94-1	1400	330	200	U	380	U	360	U		R
3-Nitroaniline	99-09-2	200000	4200	380	U	940	UJ	900	UJ		R
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	380	U	940	U	900	U		R
4-Bromophenyl-Phenylether	101-55-3	500000	82000	200	U	380	U	360	U		R
4-Chloro-3-Methylphenol	59-50-7	--	--	200	U	380	U	360	U		R
4-Chloroaniline	106-47-8	270000	5600	200	U	380	UJ	360	UJ		R
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	200	U	380	U	360	U		R
4-Methylphenol	106-44-5	340000	7000	200	U	380	U	360	U		R
4-Nitroaniline	100-01-6	200000	4200	380	U	940	U	900	U		R
4-Nitrophenol	100-02-7	--	--	380	U	940	UJ	900	UJ		R
Acenaphthene	83-32-9	1000000	84000	200	U	380	U	360	U		R
Acenaphthylene	208-96-8	1000000	84000	36	J	380	U	360	U		R
Acetophenone	98-86-2	--	--	200	U						R
Anthracene	120-12-7	1000000	400000	41	J	65	J	360	U		R
Atrazine	1912-24-9	2800	200	200	U						R
Benzaldehyde	100-52-7	--	--	200	U						R
Benzo(A)Anthracene	56-55-3	1000	1000	230		260	J	76	J		R
Benzo(A)Pyrene	50-32-8	1000	1000	290		240	J	77	J		R
Benzo(B)Fluoranthene	205-99-2	1000	1000	310	J	460	J	110	J		R
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	100	J	210	J	68	J		R
Benzo(K)Fluoranthene	207-08-9	8400	1000	260		350	J	82	J		R
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	200	U	380	U	360	U		R
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	200	U	380	U	360	U		R

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		27 Newman Ave.			
			Top Depth	0		0		0.5		0			
			Sample Location	SS108		SS-12		SS-12		SB02			
			Sample ID	80018-SS108-0006		APJ53		APJ54		KSB02-00-05~H73GK189~FDOFA0SA0~101402			
			Risk Zone	D1		D1		D1		F*			
			Bottom Depth	0.5		0.5		2		5			
			Sample Date	10/16/2008		4/27/1999		4/27/1999		10/14/2002			
			Sample Type	N		N		N		FD			
			Field Duplicate Parent							SB02-00-05~H73GK190~FDOFA0SA1~101402			
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	200	U	380	U	360	U	140	J		
Butylbenzylphthalate	85-68-7	1000000	200000	200	U	59	J	360	U		R		
Caprolactam	105-60-2	--	--	200	U						R		
Carbazole	86-74-8	31000	1000	29	J	380	UJ	360	UJ		R		
Chrysene	218-01-9	84000	1000	290		310	J	120	J		R		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	38	J	82	J	360	U		R		
Dibenzofuran	132-64-9	270000	5600	200	U	380	U	360	U		R		
Diethylphthalate	84-66-2	1000000	1100000	200	U	380	U	360	U		R		
Dimethylphthalate	131-11-3	1000000	1100000	200	U	380	U	360	U		R		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	200	U	380	U	360	U		R		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	200	U	380	U	360	U		R		
Fluoranthene	206-44-0	1000000	56000	570		540		180	J	53	J		
Fluorene	86-73-7	1000000	56000	200	U	380	U	360	U		R		
Hexachlorobenzene	118-74-1	1000	1000	200	U	380	U	360	U		R		
Hexachlorobutadiene	87-68-3	7900	--	200	U	380	U	360	U		R		
Hexachlorocyclopentadiene	77-47-4	470000	9800	200	U	380	U	360	U		R		
Hexachloroethane	67-72-1	44000	1000	200	U	380	U	360	U		R		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	120	J	170	J	64	J		R		
Isophorone	78-59-1	640000	7400	200	U	380	U	360	U		R		
Naphthalene	91-20-3	1000000	56000	200	U	380	U	360	U		R		
Nitrobenzene	98-95-3	34000	1000	200	U	380	U	360	U		R		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	200	U	380	UJ	360	UJ		R		
N-Nitrosodiphenylamine	86-30-6	130000	1400	200	U						R		
Pentachlorophenol	87-86-5	5100	1000	380	U	940	U	900	U		R		
Phenanthrene	85-01-8	1000000	40000	260		240	J	74	J		R		
Phenol	108-95-2	1000000	800000	200	U	380	U	360	U		R		
Pyrene	129-00-0	1000000	40000	390		620		180	J	62	J		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	0		0		4		0	
			Sample Location	SB02		SB11		SB207		SS01	
			Sample ID	SB02-00-05~H73GK190~FDOFA0SA1~101402		SB11-00-05~H73GK214~~101702		80018-SB207-0410-0311		SS-01~AA25774~~100802	
			Risk Zone	F*		F*		F*		F*	
			Bottom Depth	5		5		9		0.25	
			Sample Date	10/14/2002		10/17/2002		3/30/2011		10/8/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--		R		R	190	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400					190	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400		R		R	190	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--					190	U		
2,4,5-Trichlorophenol	95-95-4	1000000	140000		R		R	190	U		
2,4,6-Trichlorophenol	88-06-2	56000	1000		R		R	190	U		
2,4-Dichlorophenol	120-83-2	200000	4000		R		R	190	U		
2,4-Dimethylphenol	105-67-9	1000000	28000		R		R	190	U		
2,4-Dinitrophenol	51-28-5	140000	2800		R		R	380	U		
2,4-Dinitrotoluene	121-14-2	140000	2800		R		R	190	U		
2,6-Dinitrotoluene	606-20-2	--	1400		R		R	190	U		
2-Chloronaphthalene	91-58-7	1000000	110000		R		R	190	U		
2-Chlorophenol	95-57-8	340000	7200		R		R	190	U		
2-Methylnaphthalene	91-57-6	474000	--		R		R	190	U		
2-Methylphenol	95-48-7	1000000	70000		R		R	190	U		
2-Nitroaniline	88-74-4	4100	1650		R		R	380	U		
2-Nitrophenol	88-75-5	540000	11000		R		R	190	U		
3,3'-Dichlorobenzidine	91-94-1	1400	330		R		R	190	U		
3-Nitroaniline	99-09-2	200000	4200		R		R	380	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--		R		R	380	U		
4-Bromophenyl-Phenylether	101-55-3	500000	82000		R		R	190	U		
4-Chloro-3-Methylphenol	59-50-7	--	--		R		R	190	U		
4-Chloroaniline	106-47-8	270000	5600		R		R	190	U		
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000		R		R	190	U		
4-Methylphenol	106-44-5	340000	7000		R		R	190	U		
4-Nitroaniline	100-01-6	200000	4200		R		R	380	U		
4-Nitrophenol	100-02-7	--	--		R		R	380	U		
Acenaphthene	83-32-9	1000000	84000		R	72	J	190	U		
Acenaphthylene	208-96-8	1000000	84000		R	50	J	44	J		
Acetophenone	98-86-2	--	--		R		R	83	J		
Anthracene	120-12-7	1000000	400000		R	170	J	320			
Atrazine	1912-24-9	2800	200		R		R	190	U		
Benzaldehyde	100-52-7	--	--		R		R	190	U		
Benzo(A)Anthracene	56-55-3	1000	1000	48	J	810	J	**1100**			
Benzo(A)Pyrene	50-32-8	1000	1000	43	J	860	J	**1100**			
Benzo(B)Fluoranthene	205-99-2	1000	1000	54	J	960	J	**1100**			
Benzo(G,H,I)Perylene	191-24-2	1000000	42000		R	440	J	540			
Benzo(K)Fluoranthene	207-08-9	8400	1000	49	J	750	J	**1100**			
Bis(2-Chloroethoxy)Methane	111-91-1	--	--		R		R	190	U		
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400		R		R	190	U		

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.			
			Top Depth	0		0		4		0			
			Sample Location	SB02		SB11		SB207		SS01			
			Sample ID	SB02-00-05~H73GK190~FDOFA0SA1~101402		SB11-00-05~H73GK214~~101702		80018-SB207-0410-0311		SS-01~AA25774~~100802			
			Risk Zone	F*		F*		F*		F*			
			Bottom Depth	5		5		9		0.25			
			Sample Date	10/14/2002		10/17/2002		3/30/2011		10/8/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	220	J	450	J	190	U				
Butylbenzylphthalate	85-68-7	1000000	200000		R		R	190	U				
Caprolactam	105-60-2	--	--		R		R	190	U				
Carbazole	86-74-8	31000	1000		R	120	J	77	J				
Chrysene	218-01-9	84000	1000	56	J	900	J	**1200**					
Dibenz(A,H)Anthracene	53-70-3	1000	1000		R	190	J	190	J				
Dibenzofuran	132-64-9	270000	5600		R	44	J	190	U				
Diethylphthalate	84-66-2	1000000	1100000		R		R	190	U				
Dimethylphthalate	131-11-3	1000000	1100000		R		R	190	U				
Di-N-Butyl Phthalate	84-74-2	1000000	140000		R		R	190	U				
Di-N-Octyl Phthalate	117-84-0	1000000	20000		R		R	190	U				
Fluoranthene	206-44-0	1000000	56000	96	J	1700	J	2200					
Fluorene	86-73-7	1000000	56000		R	68	J	71	J				
Hexachlorobenzene	118-74-1	1000	1000		R		R	190	U				
Hexachlorobutadiene	87-68-3	7900	--		R		R	190	U				
Hexachlorocyclopentadiene	77-47-4	470000	9800		R		R	190	U				
Hexachloroethane	67-72-1	44000	1000		R		R	190	U				
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000		R	660	J	700					
Isophorone	78-59-1	640000	7400		R		R	190	U				
Naphthalene	91-20-3	1000000	56000		R		R	190	U	6	U		
Nitrobenzene	98-95-3	34000	1000		R		R	190	U				
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000		R		R	190	U				
N-Nitrosodiphenylamine	86-30-6	130000	1400		R		R	190	U				
Pentachlorophenol	87-86-5	5100	1000		R		R	380	U				
Phenanthrene	85-01-8	1000000	40000	53	J	1100	J	1400					
Phenol	108-95-2	1000000	800000		R		R	190	U				
Pyrene	129-00-0	1000000	40000	100	J	2000	J	2000					

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.			
			Top Depth	0		0		0		0		0			
			Sample Location	SS01		SS-01		SS-02		SS-03		SS-04			
			Sample ID	SS-01~S2101507.D~~100802		APJ30		APJ32		APJ34		APJ36			
			Risk Zone	F*		F*		F*		F*		F*			
			Bottom Depth	0.25		0.5		0.5		0.5		0.5			
			Sample Date	10/8/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	400	U										
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	400	U	380	U	380	UJ	410	UJ	360	UJ		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	1000000	140000	1000	U	960	U	950	U	1000	U	910	U		
2,4,6-Trichlorophenol	88-06-2	56000	1000	400	U	380	U	380	U	410	U	360	U		
2,4-Dichlorophenol	120-83-2	200000	4000	400	U	380	U	380	U	410	U	360	U		
2,4-Dimethylphenol	105-67-9	1000000	28000	400	U	380	U	380	U	410	U	360	U		
2,4-Dinitrophenol	51-28-5	140000	2800	1000	U	960	UJ	950	U	1000	U	910	U		
2,4-Dinitrotoluene	121-14-2	140000	2800	400	U	380	U	380	U	410	U	360	U		
2,6-Dinitrotoluene	606-20-2	--	1400	400	U	380	U	380	U	410	U	360	U		
2-Chloronaphthalene	91-58-7	1000000	110000	400	U	380	U	380	U	410	U	360	U		
2-Chlorophenol	95-57-8	340000	7200	400	U	380	U	380	U	410	U	360	U		
2-Methylnaphthalene	91-57-6	474000	--	400	U	380	U	380	U	410	U	360	U		
2-Methylphenol	95-48-7	1000000	70000	400	U	380	U	380	U	410	U	360	U		
2-Nitroaniline	88-74-4	4100	1650	1000	U	960	U	950	UJ	1000	UJ	910	UJ		
2-Nitrophenol	88-75-5	540000	11000	400	U	380	U	380	U	410	U	360	U		
3,3'-Dichlorobenzidine	91-94-1	1400	330	400	UJ	380	UJ	380	U	410	U	360	U		
3-Nitroaniline	99-09-2	200000	4200	1000	U	960	U	950	UJ	1000	UJ	910	UJ		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1000	U	960	U	950	U	1000	U	910	U		
4-Bromophenyl-Phenylether	101-55-3	500000	82000	400	U	380	U	380	U	410	U	360	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	400	U	380	U	380	U	410	U	360	U		
4-Chloroaniline	106-47-8	270000	5600	400	U	380	U	380	UJ	410	UJ	360	UJ		
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	400	U	380	U	380	U	410	U	360	U		
4-Methylphenol	106-44-5	340000	7000	400	U	380	U	380	U	410	U	360	U		
4-Nitroaniline	100-01-6	200000	4200	1000	U	960	U	950	UJ	1000	UJ	910	UJ		
4-Nitrophenol	100-02-7	--	--	1000	U	960	U	950	UJ	1000	UJ	910	UJ		
Acenaphthene	83-32-9	1000000	84000	400	U	380	U	380	U	410	U	360	U		
Acenaphthylene	208-96-8	1000000	84000	86	J	380	U	380	U	410	U	360	U		
Acetophenone	98-86-2	--	--	25	J										
Anthracene	120-12-7	1000000	400000	71	J	380	U	380	U	410	U	360	U		
Atrazine	1912-24-9	2800	200	400	U										
Benzaldehyde	100-52-7	--	--	400	U										
Benzo(A)Anthracene	56-55-3	1000	1000	360	J	94	J	180	J	410	U	41	J		
Benzo(A)Pyrene	50-32-8	1000	1000	400		65	J	130	J	410	U	360	U		
Benzo(B)Fluoranthene	205-99-2	1000	1000	550		91	J	340	J	92	J	80	J		
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	310	J	66	J	140	J	410	U	360	U		
Benzo(K)Fluoranthene	207-08-9	8400	1000	360	J	82	J	290	J	79	J	70	J		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	400	U	380	U	380	U	410	U	360	U		
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	400	U	380	U	380	U	410	U	360	U		

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.			
			Top Depth	0		0		0		0		0			
			Sample Location	SS01		SS-01		SS-02		SS-03		SS-04			
			Sample ID	SS-01~S2101507.D~~100802		APJ30		APJ32		APJ34		APJ36			
			Risk Zone	F*		F*		F*		F*		F*			
			Bottom Depth	0.25		0.5		0.5		0.5		0.5			
			Sample Date	10/8/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	400	UJ	51	J	280	J	64	J	240	J		
Butylbenzylphthalate	85-68-7	1000000	200000	400	U	380	U	380	U	410	U	360	U		
Caprolactam	105-60-2	--	--	400	U										
Carbazole	86-74-8	31000	1000	61	J	380	U	380	UJ	410	UJ	360	UJ		
Chrysene	218-01-9	84000	1000	520		100	J	190	J	54	J	55	J		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	150	J	380	U	62	J	410	U	360	U		
Dibenzofuran	132-64-9	270000	5600	400	U	380	U	380	U	410	U	360	U		
Diethylphthalate	84-66-2	1000000	1100000	400	U	380	U	380	U	410	U	360	U		
Dimethylphthalate	131-11-3	1000000	1100000	400	U	380	U	380	U	410	U	360	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	27	JEB	380	U	380	U	410	U	360	U		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	400	UJ	380	U	380	U	410	U	360	U		
Fluoranthene	206-44-0	1000000	56000	920		200	J	340	J	110	J	88	J		
Fluorene	86-73-7	1000000	56000	400	U	380	U	380	U	410	U	360	U		
Hexachlorobenzene	118-74-1	1000	1000	400	U	380	U	380	U	410	U	360	U		
Hexachlorobutadiene	87-68-3	7900	--	400	U	380	U	380	U	410	U	360	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800	400	U	380	U	380	U	410	U	360	U		
Hexachloroethane	67-72-1	44000	1000	400	U	380	U	380	U	410	U	360	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	290	J	58	J	130	J	410	U	360	U		
Isophorone	78-59-1	640000	7400	400	U	380	U	380	U	410	U	360	U		
Naphthalene	91-20-3	1000000	56000	400	U	380	U	380	U	410	U	360	U		
Nitrobenzene	98-95-3	34000	1000	400	U	380	U	380	U	410	U	360	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	400	U	380	U	380	UJ	410	UJ	360	UJ		
N-Nitrosodiphenylamine	86-30-6	130000	1400	400	U										
Pentachlorophenol	87-86-5	5100	1000	1000	U	960	UJ	950	UJ	1000	UJ	910	UJ		
Phenanthrene	85-01-8	1000000	40000	450		100	J	160	J	47	J	47	J		
Phenol	108-95-2	1000000	800000	400	U	380	U	380	U	410	U	360	U		
Pyrene	129-00-0	1000000	40000	990		230	J	390		94	J	97	J		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	0		0		0.5		0.5		0.5		0.5	
			Sample Location	SS08		SS08		SS-01		SS-02		SS-03		SS-04	
			Sample ID	SS-08~AA25779~~100802		SS-08~S2101508.D~~100802		APJ31		APJ33		APJ35		APJ37	
			Risk Zone	F*		F*		F*		F*		F*		F*	
			Bottom Depth	0.25		0.25		2		2		2		2	
			Sample Date	10/8/2002		10/8/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			350	U								
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			350	U	390	U	480	U	380	U	360	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	1000000	140000			880	U	980	U	1200	U	940	U	900	U
2,4,6-Trichlorophenol	88-06-2	56000	1000			350	U	390	U	480	U	380	U	360	U
2,4-Dichlorophenol	120-83-2	200000	4000			350	U	390	U	480	U	380	U	360	U
2,4-Dimethylphenol	105-67-9	1000000	28000			350	U	390	U	480	U	380	U	360	U
2,4-Dinitrophenol	51-28-5	140000	2800			880	U	980	UJ	1200	U	940	UJ	900	U
2,4-Dinitrotoluene	121-14-2	140000	2800			350	U	390	U	480	U	380	U	360	U
2,6-Dinitrotoluene	606-20-2	--	1400			350	U	390	U	480	U	380	U	360	U
2-Chloronaphthalene	91-58-7	1000000	110000			350	U	390	U	480	U	380	U	360	U
2-Chlorophenol	95-57-8	340000	7200			350	U	390	U	480	U	380	U	360	U
2-Methylnaphthalene	91-57-6	474000	--			350	U	390	U	480	U	380	U	360	U
2-Methylphenol	95-48-7	1000000	70000			350	U	390	U	480	U	380	U	360	U
2-Nitroaniline	88-74-4	4100	1650			880	U	980	U	1200	U	940	U	900	U
2-Nitrophenol	88-75-5	540000	11000			350	U	390	U	480	U	380	U	360	U
3,3'-Dichlorobenzidine	91-94-1	1400	330			350	UJ	390	UJ	480	U	380	UJ	360	U
3-Nitroaniline	99-09-2	200000	4200			880	U	980	U	1200	U	940	U	900	UJ
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			880	U	980	U	1200	U	940	U	900	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000			350	U	390	U	480	U	380	U	360	U
4-Chloro-3-Methylphenol	59-50-7	--	--			350	U	390	U	480	U	380	U	360	U
4-Chloroaniline	106-47-8	270000	5600			350	U	390	U	480	U	380	U	360	UJ
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			350	U	390	U	480	U	380	U	360	U
4-Methylphenol	106-44-5	340000	7000			350	U	390	U	480	U	380	U	360	U
4-Nitroaniline	100-01-6	200000	4200			880	U	980	U	1200	U	940	U	900	U
4-Nitrophenol	100-02-7	--	--			880	U	980	U	1200	U	940	U	900	U
Acenaphthene	83-32-9	1000000	84000			18	J	390	U	480	U	380	U	360	U
Acenaphthylene	208-96-8	1000000	84000			87	J	390	U	480	U	380	U	360	U
Acetophenone	98-86-2	--	--			21	J								
Anthracene	120-12-7	1000000	400000			98	J	100	J	130	J	130	J	360	U
Atrazine	1912-24-9	2800	200			350	U								
Benzaldehyde	100-52-7	--	--			350	U								
Benzo(A)Anthracene	56-55-3	1000	1000			460		590		430	J	540		360	U
Benzo(A)Pyrene	50-32-8	1000	1000			450		500		350	J	380		360	U
Benzo(B)Fluoranthene	205-99-2	1000	1000			680		760		530		810	J	360	U
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			360		600		230	J	360	J	360	U
Benzo(K)Fluoranthene	207-08-9	8400	1000			320	J	480	J	210	J	590	J	360	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			350	U	390	U	480	U	380	U	360	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			350	U	390	U	480	U	380	U	360	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.			
			Top Depth	0		0		0.5		0.5		0.5		0.5			
			Sample Location	SS08		SS08		SS-01		SS-02		SS-03		SS-04			
			Sample ID	SS-08~AA25779~~100802		SS-08~S2101508.D~~100802		APJ31		APJ33		APJ35		APJ37			
			Risk Zone	F*		F*		F*		F*		F*		F*			
			Bottom Depth	0.25		0.25		2		2		2		2			
			Sample Date	10/8/2002		10/8/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			350	UJ	160	J	640		180	J	44	J		
Butylbenzylphthalate	85-68-7	1000000	200000			55	J	62	J	480	U	380	U	360	U		
Caprolactam	105-60-2	--	--			350	U										
Carbazole	86-74-8	31000	1000			62	J	69	J	51	J	70	J	360	UJ		
Chrysene	218-01-9	84000	1000			540		720		630		560		360	U		
Dibenz(A,H)Anthracene	53-70-3	1000	1000			160	J	170	J	85	J	130	J	360	U		
Dibenzofuran	132-64-9	270000	5600			350	U	390	U	480	U	380	U	360	U		
Diethylphthalate	84-66-2	1000000	1100000			350	U	390	U	480	U	380	U	360	U		
Dimethylphthalate	131-11-3	1000000	1100000			350	U	390	U	480	U	380	U	360	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000			25	JEB	48	J	480	U	380	U	360	U		
Di-N-Octyl Phthalate	117-84-0	1000000	20000			350	UJ	390	U	1200	J	380	U	360	U		
Fluoranthene	206-44-0	1000000	56000			930		1200		800		1000		360	U		
Fluorene	86-73-7	1000000	56000			28	J	44	J	480	U	39	J	360	U		
Hexachlorobenzene	118-74-1	1000	1000			350	U	390	U	480	U	380	U	360	U		
Hexachlorobutadiene	87-68-3	7900	--			350	U	390	U	480	U	380	U	360	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800			350	U	390	U	480	U	380	U	360	U		
Hexachloroethane	67-72-1	44000	1000			350	U	390	U	480	U	380	U	360	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			340	J	470		320	J	320	J	360	U		
Isophorone	78-59-1	640000	7400			350	U	390	U	480	U	380	U	360	U		
Naphthalene	91-20-3	1000000	56000	4	U	350	U	390	U	480	U	380	U	360	U		
Nitrobenzene	98-95-3	34000	1000			350	U	390	U	480	U	380	U	360	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			350	U	390	U	480	U	380	U	360	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400			350	U										
Pentachlorophenol	87-86-5	5100	1000			880	U	980	UJ	1200	U	940	UJ	900	U		
Phenanthrene	85-01-8	1000000	40000			540		620		520		680		360	U		
Phenol	108-95-2	1000000	800000			350	U	390	U	480	U	380	U	360	U		
Pyrene	129-00-0	1000000	40000			1200		1200		910		1000		360	U		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	5		5		5		5	
			Sample Location	SB01		SB02		SB02		SB11	
			Sample ID	SB-1-05-06~AD731~~100302		SB02-05-10~H73GK193~~101402		SB02-5-6~AA26031~~102202		SB11-05-10~H73GK213~~101702	
			Risk Zone	F*		F*		F*		F*	
			Bottom Depth	6		10		6		10	
			Sample Date	10/3/2002		10/14/2002		10/22/2002		10/17/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	2300	U		R				R
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	2300	U		R				R
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000	5800	U		R				R
2,4,6-Trichlorophenol	88-06-2	56000	1000	2300	U		R				R
2,4-Dichlorophenol	120-83-2	200000	4000	2300	U		R				R
2,4-Dimethylphenol	105-67-9	1000000	28000	2300	U		R				R
2,4-Dinitrophenol	51-28-5	140000	2800	5800	U		R				R
2,4-Dinitrotoluene	121-14-2	140000	2800	2300	U		R				R
2,6-Dinitrotoluene	606-20-2	--	1400	2300	U		R				R
2-Chloronaphthalene	91-58-7	1000000	110000	2300	U		R				R
2-Chlorophenol	95-57-8	340000	7200	2300	U		R				R
2-Methylnaphthalene	91-57-6	474000	--	2300	U		R				R
2-Methylphenol	95-48-7	1000000	70000	2300	U		R				R
2-Nitroaniline	88-74-4	4100	1650	5800	U		R				R
2-Nitrophenol	88-75-5	540000	11000	2300	U		R				R
3,3'-Dichlorobenzidine	91-94-1	1400	330	2300	U		R				R
3-Nitroaniline	99-09-2	200000	4200	5800	U		R				R
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	5800	U		R				R
4-Bromophenyl-Phenylether	101-55-3	500000	82000	2300	U		R				R
4-Chloro-3-Methylphenol	59-50-7	--	--	2300	U		R				R
4-Chloroaniline	106-47-8	270000	5600	2300	U		R				R
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	2300	U		R				R
4-Methylphenol	106-44-5	340000	7000	2300	U		R				R
4-Nitroaniline	100-01-6	200000	4200	5800	U		R				R
4-Nitrophenol	100-02-7	--	--	5800	U		R				R
Acenaphthene	83-32-9	1000000	84000	2300	U		R				R
Acenaphthylene	208-96-8	1000000	84000	2300	U		R				R
Acetophenone	98-86-2	--	--	2300	U		R				R
Anthracene	120-12-7	1000000	400000	2300	U		R			82	J
Atrazine	1912-24-9	2800	200	2300	U		R				R
Benzaldehyde	100-52-7	--	--	2300	U		R				R
Benzo(A)Anthracene	56-55-3	1000	1000	610	J		R			270	J
Benzo(A)Pyrene	50-32-8	1000	1000	570	J		R			240	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	590	J		R			280	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	2300	U		R			180	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	550	J		R			230	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	2300	U		R				R
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	2300	U		R				R

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.			
			Top Depth	5		5		5		5			
			Sample Location	SB01		SB02		SB02		SB11			
			Sample ID	SB-1-05-06~AD731~~100302		SB02-05-10~H73GK193~~101402		SB02-5-6~AA26031~~102202		SB11-05-10~H73GK213~~101702			
			Risk Zone	F*		F*		F*		F*			
			Bottom Depth	6		10		6		10			
			Sample Date	10/3/2002		10/14/2002		10/22/2002		10/17/2002			
			Sample Type	N		N		N		N			
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	2300	U	190	J			970	J		
Butylbenzylphthalate	85-68-7	1000000	200000	2300	U		R				R		
Caprolactam	105-60-2	--	--	2300	U		R				R		
Carbazole	86-74-8	31000	1000		R		R				R		
Chrysene	218-01-9	84000	1000	740	J		R			340	J		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	2300	U		R				R		
Dibenzofuran	132-64-9	270000	5600	2300	U		R				R		
Diethylphthalate	84-66-2	1000000	1100000		R	590	J				R		
Dimethylphthalate	131-11-3	1000000	1100000	2300	U		R				R		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	2300	U		R			74	J		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	2300	U		R				R		
Fluoranthene	206-44-0	1000000	56000	1200	J	96	J			470	J		
Fluorene	86-73-7	1000000	56000	2300	U		R				R		
Hexachlorobenzene	118-74-1	1000	1000	2300	U		R				R		
Hexachlorobutadiene	87-68-3	7900	--	2300	U		R				R		
Hexachlorocyclopentadiene	77-47-4	470000	9800	2300	U		R				R		
Hexachloroethane	67-72-1	44000	1000	2300	U		R				R		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000		R		R			210	J		
Isophorone	78-59-1	640000	7400	2300	U		R				R		
Naphthalene	91-20-3	1000000	56000	2300	U		R	37	JB		R		
Nitrobenzene	98-95-3	34000	1000	2300	U		R				R		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	2300	U		R				R		
N-Nitrosodiphenylamine	86-30-6	130000	1400	2300	U		R				R		
Pentachlorophenol	87-86-5	5100	1000	5800	U		R				R		
Phenanthrene	85-01-8	1000000	40000	630	J	63	J			410	J		
Phenol	108-95-2	1000000	800000	2300	U		R				R		
Pyrene	129-00-0	1000000	40000	1200	J	96	J			540	J		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	6		7		9		9		10	
			Sample Location	SB11		MW6D		SB140		SB141		SB01	
			Sample ID	SB11-6-7~AA26109~~101402		S-052504-JR-170		80018-SB140-0911		80018-SB141-0911		SB01-10-15~H73GK194~~101402	
			Risk Zone	F*		F*		F*		F*		F*	
			Bottom Depth	7		10		11		11		15	
			Sample Date	10/14/2002		5/25/2004		10/30/2008		10/30/2008		10/14/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--					200	U	280	U		R
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400					200	U	280	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			380	U	200	U	280	U		R
2,3,4,6-Tetrachlorophenol	58-90-2	--	--					200	U	280	U		
2,4,5-Trichlorophenol	95-95-4	1000000	140000			1800	U	200	U	280	U		R
2,4,6-Trichlorophenol	88-06-2	56000	1000			380	U	200	U	280	U		R
2,4-Dichlorophenol	120-83-2	200000	4000			380	U	200	U	280	U		R
2,4-Dimethylphenol	105-67-9	1000000	28000			380	U	200	U	280	U		R
2,4-Dinitrophenol	51-28-5	140000	2800			1800	U	400	U	550	U		R
2,4-Dinitrotoluene	121-14-2	140000	2800			380	U	200	U	280	U		R
2,6-Dinitrotoluene	606-20-2	--	1400			380	U	200	U	280	U		R
2-Chloronaphthalene	91-58-7	1000000	110000			380	U	200	U	280	U		R
2-Chlorophenol	95-57-8	340000	7200			380	U	200	U	280	U		R
2-Methylnaphthalene	91-57-6	474000	--			380	U	78	J	47	J	690	J
2-Methylphenol	95-48-7	1000000	70000			380	U	200	U	280	U		R
2-Nitroaniline	88-74-4	4100	1650			1800	U	400	U	550	U		R
2-Nitrophenol	88-75-5	540000	11000			380	U	200	U	280	U		R
3,3'-Dichlorobenzidine	91-94-1	1400	330			750	U	200	U	280	U		R
3-Nitroaniline	99-09-2	200000	4200			1800	U	400	U	550	U		R
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			1800	U	400	U	550	U		R
4-Bromophenyl-Phenylether	101-55-3	500000	82000			380	U	200	U	280	U		R
4-Chloro-3-Methylphenol	59-50-7	--	--			380	U	200	U	280	U		R
4-Chloroaniline	106-47-8	270000	5600			380	U	200	U	280	U		R
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			380	U	200	U	280	U		R
4-Methylphenol	106-44-5	340000	7000			380	U	200	U	280	U		R
4-Nitroaniline	100-01-6	200000	4200			750	U	400	U	550	U		R
4-Nitrophenol	100-02-7	--	--			1800	U	400	U	550	U		R
Acenaphthene	83-32-9	1000000	84000			39	J	150	J	61	J		R
Acenaphthylene	208-96-8	1000000	84000			28	J	200	U	150	J		R
Acetophenone	98-86-2	--	--			380	U	200	U	280	U		R
Anthracene	120-12-7	1000000	400000			48	J	350		100	J		R
Atrazine	1912-24-9	2800	200			380	UJ	200	U	280	U		R
Benzaldehyde	100-52-7	--	--			380	UJ	200	U	280	U		R
Benzo(A)Anthracene	56-55-3	1000	1000			160	J	560		180	J		R
Benzo(A)Pyrene	50-32-8	1000	1000			170	J	500		170	J		R
Benzo(B)Fluoranthene	205-99-2	1000	1000			290	J	730		290			R
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			130	J	76	J	280	U		R
Benzo(K)Fluoranthene	207-08-9	8400	1000			380	U	560		210	J		R
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			380	U	200	U	280	U		R
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			380	U	200	U	280	U		R

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	6		7		9		9		10	
			Sample Location	SB11		MW6D		SB140		SB141		SB01	
			Sample ID	SB11-6-7~AA26109~~101402		S-052504-JR-170		80018-SB140-0911		80018-SB141-0911		SB01-10-15~H73GK194~~101402	
			Risk Zone	F*		F*		F*		F*		F*	
			Bottom Depth	7		10		11		11		15	
			Sample Date	10/14/2002		5/25/2004		10/30/2008		10/30/2008		10/14/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			110	J	85	JB	69	JB	280	J
Butylbenzylphthalate	85-68-7	1000000	200000			380	U	200	U	280	U		R
Caprolactam	105-60-2	--	--			380	U	200	U	280	U		R
Carbazole	86-74-8	31000	1000			380	U	77	J	84	J		R
Chrysene	218-01-9	84000	1000			190	J	710		270	J		R
Dibenz(A,H)Anthracene	53-70-3	1000	1000			54	J	25	J	280	U		R
Dibenzofuran	132-64-9	270000	5600			380	U	120	J	29	J		R
Diethylphthalate	84-66-2	1000000	1100000			380	U	200	U	280	U		R
Dimethylphthalate	131-11-3	1000000	1100000			380	U	200	U	280	U		R
Di-N-Butyl Phthalate	84-74-2	1000000	140000			380	U	200	U	50	J		R
Di-N-Octyl Phthalate	117-84-0	1000000	20000			380	U	200	U	280	U		R
Fluoranthene	206-44-0	1000000	56000			330	J	2100		830		53	J
Fluorene	86-73-7	1000000	56000			380	U	120	J	79	J	130	J
Hexachlorobenzene	118-74-1	1000	1000			380	U	200	U	280	U		R
Hexachlorobutadiene	87-68-3	7900	--			380	U	200	U	280	U		R
Hexachlorocyclopentadiene	77-47-4	470000	9800			380	U	200	U	280	U		R
Hexachloroethane	67-72-1	44000	1000			380	U	200	U	280	U		R
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			99	J	95	J	280	U		R
Isophorone	78-59-1	640000	7400			380	U	200	U	280	U		R
Naphthalene	91-20-3	1000000	56000	100	B	60	J	39	J	35	J		R
Nitrobenzene	98-95-3	34000	1000			380	U	200	U	280	U		R
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			380	U	200	U	280	U		R
N-Nitrosodiphenylamine	86-30-6	130000	1400			380	U	200	U	280	U		R
Pentachlorophenol	87-86-5	5100	1000			1800	U	400	U	550	U		R
Phenanthrene	85-01-8	1000000	40000			170	J	1400		550		250	J
Phenol	108-95-2	1000000	800000			380	U	200	U	280	U		R
Pyrene	129-00-0	1000000	40000			300	J	880		280	J	96	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	11		12		15		18	
			Sample Location	MW6D		SB01		SB11		SB02	
			Sample ID	S-052504-JR-171		SB01-12-13~AA26025~~101002		SB11-15-16~AA26110~~101402		SB02-18-19~AA26030~~101102	
			Risk Zone	F*		F*		F*		F*	
			Bottom Depth	14		13		16		19	
			Sample Date	5/25/2004		10/10/2002		10/14/2002		10/11/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--								
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400								
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	780	U						
2,3,4,6-Tetrachlorophenol	58-90-2	--	--								
2,4,5-Trichlorophenol	95-95-4	1000000	140000	3800	U						
2,4,6-Trichlorophenol	88-06-2	56000	1000	780	U						
2,4-Dichlorophenol	120-83-2	200000	4000	780	U						
2,4-Dimethylphenol	105-67-9	1000000	28000	780	U						
2,4-Dinitrophenol	51-28-5	140000	2800	3800	U						
2,4-Dinitrotoluene	121-14-2	140000	2800	780	U						
2,6-Dinitrotoluene	606-20-2	--	1400	780	U						
2-Chloronaphthalene	91-58-7	1000000	110000	780	U						
2-Chlorophenol	95-57-8	340000	7200	780	U						
2-Methylnaphthalene	91-57-6	474000	--	340	J						
2-Methylphenol	95-48-7	1000000	70000	780	U						
2-Nitroaniline	88-74-4	4100	1650	3800	U						
2-Nitrophenol	88-75-5	540000	11000	780	U						
3,3'-Dichlorobenzidine	91-94-1	1400	330	1600	U						
3-Nitroaniline	99-09-2	200000	4200	3800	U						
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	3800	U						
4-Bromophenyl-Phenylether	101-55-3	500000	82000	780	U						
4-Chloro-3-Methylphenol	59-50-7	--	--	780	U						
4-Chloroaniline	106-47-8	270000	5600	780	U						
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	780	U						
4-Methylphenol	106-44-5	340000	7000	780	U						
4-Nitroaniline	100-01-6	200000	4200	1600	U						
4-Nitrophenol	100-02-7	--	--	3800	U						
Acenaphthene	83-32-9	1000000	84000	110	J						
Acenaphthylene	208-96-8	1000000	84000	76	J						
Acetophenone	98-86-2	--	--	780	U						
Anthracene	120-12-7	1000000	400000	83	J						
Atrazine	1912-24-9	2800	200	780	UJ						
Benzaldehyde	100-52-7	--	--	780	UJ						
Benzo(A)Anthracene	56-55-3	1000	1000	130	J						
Benzo(A)Pyrene	50-32-8	1000	1000	110	J						
Benzo(B)Fluoranthene	205-99-2	1000	1000	190	J						
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	83	J						
Benzo(K)Fluoranthene	207-08-9	8400	1000	780	U						
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	780	U						
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	780	U						

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	11		12		15		18	
			Sample Location	MW6D		SB01		SB11		SB02	
			Sample ID	S-052504-JR-171		SB01-12-13~AA26025~~101002		SB11-15-16~AA26110~~101402		SB02-18-19~AA26030~~101102	
			Risk Zone	F*		F*		F*		F*	
			Bottom Depth	14		13		16		19	
			Sample Date	5/25/2004		10/10/2002		10/14/2002		10/11/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	780	U						
Butylbenzylphthalate	85-68-7	1000000	200000	780	U						
Caprolactam	105-60-2	--	--	780	U						
Carbazole	86-74-8	31000	1000	780	U						
Chrysene	218-01-9	84000	1000	170	J						
Dibenz(A,H)Anthracene	53-70-3	1000	1000	780	U						
Dibenzofuran	132-64-9	270000	5600	69	J						
Diethylphthalate	84-66-2	1000000	1100000	780	U						
Dimethylphthalate	131-11-3	1000000	1100000	780	U						
Di-N-Butyl Phthalate	84-74-2	1000000	140000	780	U						
Di-N-Octyl Phthalate	117-84-0	1000000	20000	780	U						
Fluoranthene	206-44-0	1000000	56000	320	J						
Fluorene	86-73-7	1000000	56000	340	J						
Hexachlorobenzene	118-74-1	1000	1000	780	U						
Hexachlorobutadiene	87-68-3	7900	--	780	U						
Hexachlorocyclopentadiene	77-47-4	470000	9800	780	U						
Hexachloroethane	67-72-1	44000	1000	780	U						
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	76	J						
Isophorone	78-59-1	640000	7400	780	U						
Naphthalene	91-20-3	1000000	56000	98	J	160		5	U	6	U
Nitrobenzene	98-95-3	34000	1000	780	U						
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	780	U						
N-Nitrosodiphenylamine	86-30-6	130000	1400	780	U						
Pentachlorophenol	87-86-5	5100	1000	3800	U						
Phenanthrene	85-01-8	1000000	40000	510	J						
Phenol	108-95-2	1000000	800000	780	U						
Pyrene	129-00-0	1000000	40000	360	J						

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
			Top Depth	0		0		0		0.5		5	
			Sample Location	SB04		SS109		SS-13		SS-13		SB04	
			Sample ID	SB04-00-05~H73GK212~~101602		80018-SS109-0006		APJ55		APJ56		SB04-05-10~H73GK234~~101602	
			Risk Zone	D1*		D1*		D1*		D1*		D1*	
			Bottom Depth	5		0.5		0.5		2		10	
			Sample Date	10/16/2002		10/16/2008		4/26/1999		4/26/1999		10/16/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--		R	190	U					400	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400			190	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400		R	190	U	380	UJ	420	UJ	400	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--			190	U						
2,4,5-Trichlorophenol	95-95-4	1000000	140000		R	190	U	380	U	1000	U	1000	U
2,4,6-Trichlorophenol	88-06-2	56000	1000		R	190	U	380	U	420	U	400	U
2,4-Dichlorophenol	120-83-2	200000	4000		R	190	U	380	U	420	U	400	U
2,4-Dimethylphenol	105-67-9	1000000	28000		R	190	U	380	U	420	U	400	U
2,4-Dinitrophenol	51-28-5	140000	2800		R	370	U	380	U	1000	U	1000	U
2,4-Dinitrotoluene	121-14-2	140000	2800		R	190	U	380	U	420	U	400	U
2,6-Dinitrotoluene	606-20-2	--	1400		R	190	U	380	U	420	U	400	U
2-Chloronaphthalene	91-58-7	1000000	110000		R	190	U	940	U	420	U	400	U
2-Chlorophenol	95-57-8	340000	7200		R	190	U	380	U	420	U	400	U
2-Methylnaphthalene	91-57-6	474000	--		R	190	U	380	U	420	U	400	U
2-Methylphenol	95-48-7	1000000	70000		R	190	U	380	U	420	U	400	U
2-Nitroaniline	88-74-4	4100	1650		R	370	U	380	UJ	1000	UJ	1000	U
2-Nitrophenol	88-75-5	540000	11000		R	190	U	380	U	420	U	400	U
3,3'-Dichlorobenzidine	91-94-1	1400	330		R	190	U	380	U	420	U	400	U
3-Nitroaniline	99-09-2	200000	4200		R	370	U	380	UJ	1000	UJ	1000	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--		R	370	U	940	U	1000	U	1000	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000		R	190	U	380	U	420	U	400	U
4-Chloro-3-Methylphenol	59-50-7	--	--		R	190	U	380	U	420	U	400	U
4-Chloroaniline	106-47-8	270000	5600		R	190	U	380	UJ	420	UJ	400	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000		R	190	U	380	U	420	U	400	U
4-Methylphenol	106-44-5	340000	7000		R	190	U	380	U	420	U	400	U
4-Nitroaniline	100-01-6	200000	4200		R	370	U	380	U	1000	U	1000	U
4-Nitrophenol	100-02-7	--	--		R	370	U	940	UJ	1000	UJ	1000	U
Acenaphthene	83-32-9	1000000	84000		R	190	U	940	U	420	U	400	U
Acenaphthylene	208-96-8	1000000	84000		R	58	J	380	U	420	U	400	U
Acetophenone	98-86-2	--	--		R	190	U					400	U
Anthracene	120-12-7	1000000	400000		R	44	J	39	J	52	J	400	U
Atrazine	1912-24-9	2800	200		R	190	U					400	U
Benzaldehyde	100-52-7	--	--		R	190	U					400	U
Benzo(A)Anthracene	56-55-3	1000	1000	130	J	290		230	J	180	J	210	J
Benzo(A)Pyrene	50-32-8	1000	1000	120	J	340		240	J	160	J	140	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	130	J	350	J	480	J	260	J	210	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000		R	120	J	180	J	120	J	250	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	120	J	310		370	J	160	J	170	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--		R	190	U	380	U	420	U	400	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400		R	190	U	380	U	420	U	400	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
			Top Depth	0		0		0		0.5		5	
			Sample Location	SB04		SS109		SS-13		SS-13		SB04	
			Sample ID	SB04-00-05~H73GK212~~101602		80018-SS109-0006		APJ55		APJ56		SB04-05-10~H73GK234~~101602	
			Risk Zone	D1*		D1*		D1*		D1*		D1*	
			Bottom Depth	5		0.5		0.5		2		10	
			Sample Date	10/16/2002		10/16/2008		4/26/1999		4/26/1999		10/16/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	**16000**	J	190	U	380	U	530	U	640	
Butylbenzylphthalate	85-68-7	1000000	200000		R	30	J	380	U	420	U	400	U
Caprolactam	105-60-2	--	--		R	190	U					400	U
Carbazole	86-74-8	31000	1000		R	28	J	380	UJ	420	UJ	400	U
Chrysene	218-01-9	84000	1000	140	J	360		330	J	280	J	270	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000		R	39	J	83	J	57	J	400	U
Dibenzofuran	132-64-9	270000	5600		R	190	U	940	U	420	U	400	U
Diethylphthalate	84-66-2	1000000	1100000		R	190	U	380	U	420	U	400	U
Dimethylphthalate	131-11-3	1000000	1100000		R	380		940	U	420	U	400	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000		R	31	J	380	UJ	420	U	90	J
Di-N-Octyl Phthalate	117-84-0	1000000	20000	71	J	190	U	380	U	420	U	400	U
Fluoranthene	206-44-0	1000000	56000	180	J	660		510		470		690	
Fluorene	86-73-7	1000000	56000		R	190	U	380	U	420	U	400	U
Hexachlorobenzene	118-74-1	1000	1000		R	190	U	380	U	420	U	400	U
Hexachlorobutadiene	87-68-3	7900	--		R	190	U	380	U	420	U	400	U
Hexachlorocyclopentadiene	77-47-4	470000	9800		R	190	U	380	U	420	U	400	U
Hexachloroethane	67-72-1	44000	1000		R	190	U	380	U	420	U	400	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000		R	130	J	160	J	120	J	120	J
Isophorone	78-59-1	640000	7400		R	190	U	380	U	420	U	400	U
Naphthalene	91-20-3	1000000	56000		R	190	U	380	U	420	U	400	U
Nitrobenzene	98-95-3	34000	1000		R	190	U	380	U	420	U	400	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000		R	190	U	380	UJ	420	UJ	400	U
N-Nitrosodiphenylamine	86-30-6	130000	1400		R	190	U					400	U
Pentachlorophenol	87-86-5	5100	1000		R	370	U	380	U	1000	U	1000	U
Phenanthrene	85-01-8	1000000	40000	71	J	310		280	J	310	J	130	J
Phenol	108-95-2	1000000	800000		R	190	U	380	U	420	U	400	U
Pyrene	129-00-0	1000000	40000	240	J	500		560		460		500	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		5 Dunbar St.	
			Top Depth	6		9		4		10		0	
			Sample Location	SB04		SB111		SB191		SB04		SS-10	
			Sample ID	SB04-6-7~AA26038~~103102		80018-SB111-0911		80018-SB191-0410-0311		SB04-10-11~AA26037~~102402		APJ49	
			Risk Zone	D1*		D1*		D1*		D1*		D1*	
			Bottom Depth	7		11		9		11		0.5	
			Sample Date	10/31/2002		10/31/2008		3/31/2011		10/24/2002		4/27/1999	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			260	U	230	U				
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400			260	U	230	U				
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			260	U	230	U			360	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--			260	U	230	U				
2,4,5-Trichlorophenol	95-95-4	1000000	140000			260	U	230	U			910	U
2,4,6-Trichlorophenol	88-06-2	56000	1000			260	U	230	U			360	U
2,4-Dichlorophenol	120-83-2	200000	4000			260	U	230	U			360	U
2,4-Dimethylphenol	105-67-9	1000000	28000			260	U	230	U			360	U
2,4-Dinitrophenol	51-28-5	140000	2800			510	UJ	440	U			910	UJ
2,4-Dinitrotoluene	121-14-2	140000	2800			260	U	230	U			360	U
2,6-Dinitrotoluene	606-20-2	--	1400			260	U	230	U			360	U
2-Chloronaphthalene	91-58-7	1000000	110000			260	U	230	U			360	U
2-Chlorophenol	95-57-8	340000	7200			260	U	230	U			360	U
2-Methylnaphthalene	91-57-6	474000	--			260	U	230	U			360	U
2-Methylphenol	95-48-7	1000000	70000			260	U	230	U			360	U
2-Nitroaniline	88-74-4	4100	1650			510	U	440	U			910	U
2-Nitrophenol	88-75-5	540000	11000			260	U	230	U			360	U
3,3'-Dichlorobenzidine	91-94-1	1400	330			260	U	230	U			360	UJ
3-Nitroaniline	99-09-2	200000	4200			510	U	440	U			910	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			510	U	440	U			910	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000			260	U	230	U			360	U
4-Chloro-3-Methylphenol	59-50-7	--	--			260	U	230	U			360	U
4-Chloroaniline	106-47-8	270000	5600			260	U	230	U			360	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			260	U	230	U			360	U
4-Methylphenol	106-44-5	340000	7000			260	U	230	U			360	U
4-Nitroaniline	100-01-6	200000	4200			510	U	440	U			910	U
4-Nitrophenol	100-02-7	--	--			510	U	440	U			910	U
Acenaphthene	83-32-9	1000000	84000			260	U	110	J			360	U
Acenaphthylene	208-96-8	1000000	84000			48	J	130	J			360	U
Acetophenone	98-86-2	--	--			260	U	90	J				
Anthracene	120-12-7	1000000	400000			77	J	640				360	U
Atrazine	1912-24-9	2800	200			260	U	230	U				
Benzaldehyde	100-52-7	--	--			260	U	230	U				
Benzo(A)Anthracene	56-55-3	1000	1000			230	J	**2900**				180	J
Benzo(A)Pyrene	50-32-8	1000	1000			260	J	**1900**				140	J
Benzo(B)Fluoranthene	205-99-2	1000	1000			310		**2000**				210	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			86	J	1100				170	J
Benzo(K)Fluoranthene	207-08-9	8400	1000			230	J	**1900**				150	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			260	U	230	U			360	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			260	U	230	U			360	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		5 Dunbar St.	
			Top Depth	6		9		4		10		0	
			Sample Location	SB04		SB111		SB191		SB04		SS-10	
			Sample ID	SB04-6-7~AA26038~~103102		80018-SB111-0911		80018-SB191-0410-0311		SB04-10-11~AA26037~~102402		APJ49	
			Risk Zone	D1*		D1*		D1*		D1*		D1*	
			Bottom Depth	7		11		9		11		0.5	
			Sample Date	10/31/2002		10/31/2008		3/31/2011		10/24/2002		4/27/1999	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			47	J	230	U			2400	
Butylbenzylphthalate	85-68-7	1000000	200000			260	U	230	U			360	U
Caprolactam	105-60-2	--	--			260	U	230	U				
Carbazole	86-74-8	31000	1000			260	U	130	J			360	U
Chrysene	218-01-9	84000	1000			240	J	**3100**				230	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000			260	U	350				58	J
Dibenzofuran	132-64-9	270000	5600			260	U	230	U			360	U
Diethylphthalate	84-66-2	1000000	1100000			260	U	230	U			360	U
Dimethylphthalate	131-11-3	1000000	1100000			260	U	230	U			360	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000			260	U	230	U			69	J
Di-N-Octyl Phthalate	117-84-0	1000000	20000			260	U	230	U			360	U
Fluoranthene	206-44-0	1000000	56000			630		6200	D			330	J
Fluorene	86-73-7	1000000	56000			27	J	340				360	U
Hexachlorobenzene	118-74-1	1000	1000			260	U	230	U			360	U
Hexachlorobutadiene	87-68-3	7900	--			260	U	230	U			360	U
Hexachlorocyclopentadiene	77-47-4	470000	9800			260	U	230	U			360	U
Hexachloroethane	67-72-1	44000	1000			260	U	230	U			360	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			95	J	**1100**				150	J
Isophorone	78-59-1	640000	7400			260	U	230	U			360	U
Naphthalene	91-20-3	1000000	56000	6	U	260	U	43	J	180	U	360	U
Nitrobenzene	98-95-3	34000	1000			260	U	230	U			360	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			260	U	230	U			360	U
N-Nitrosodiphenylamine	86-30-6	130000	1400			260	U	230	U				
Pentachlorophenol	87-86-5	5100	1000			510	U	440	U			910	UJ
Phenanthrene	85-01-8	1000000	40000			330		5300	D			140	J
Phenol	108-95-2	1000000	800000			260	U	230	U			360	U
Pyrene	129-00-0	1000000	40000			440		8900	D			350	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		9 Store Ave.		9 Store Ave.	
			Top Depth	0		0.5		0.5		5		5		0		0	
			Sample Location	SS-11		SS-10		SS-11		SB107		SB108		SS-05		SS-06	
			Sample ID	APJ51		APJ50		APJ52		80018-SB107-0507		80018-SB108-0507		APJ38		APJ40	
			Risk Zone	D1*		D1*		D1*		D1*		D1*		F*		F*	
			Bottom Depth	0.5		2		2		7		7		0.5		0.5	
			Sample Date	4/27/1999		4/27/1999		4/27/1999		10/30/2008		10/24/2008		4/27/1999		4/27/1999	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--							230	U	180	U				
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400							230	U	180	U				
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	370	UJ	350	UJ	370	UJ	230	U	180	U	380	U	370	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--							230	U	180	U				
2,4,5-Trichlorophenol	95-95-4	1000000	140000	920	U	890	U	930	U	230	U	180	U	940	U	930	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
2,4-Dichlorophenol	120-83-2	200000	4000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
2,4-Dimethylphenol	105-67-9	1000000	28000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
2,4-Dinitrophenol	51-28-5	140000	2800	920	U	890	UJ	930	U	450	U	350	U	940	UJ	930	UJ
2,4-Dinitrotoluene	121-14-2	140000	2800	370	U	350	U	370	U	230	U	180	U	380	U	370	U
2,6-Dinitrotoluene	606-20-2	--	1400	370	U	350	U	370	U	230	U	180	U	380	U	370	U
2-Chloronaphthalene	91-58-7	1000000	110000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
2-Chlorophenol	95-57-8	340000	7200	370	U	350	U	370	U	230	U	180	U	380	U	370	U
2-Methylnaphthalene	91-57-6	474000	--	370	U	350	U	370	U	230	U	180	U	380	U	51	J
2-Methylphenol	95-48-7	1000000	70000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
2-Nitroaniline	88-74-4	4100	1650	920	UJ	890	UJ	930	UJ	450	U	350	U	940	U	930	U
2-Nitrophenol	88-75-5	540000	11000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	370	U	350	U	370	U	230	U	180	U	380	U	370	U
3-Nitroaniline	99-09-2	200000	4200	920	UJ	890	UJ	930	UJ	450	U	350	U	940	U	930	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	920	U	890	U	930	U	450	U	350	U	940	U	930	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
4-Chloro-3-Methylphenol	59-50-7	--	--	370	U	350	U	370	U	230	U	180	U	380	U	370	U
4-Chloroaniline	106-47-8	270000	5600	370	UJ	350	UJ	370	UJ	230	U	180	U	380	U	370	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
4-Methylphenol	106-44-5	340000	7000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
4-Nitroaniline	100-01-6	200000	4200	920	U	890	U	930	U	450	U	350	U	940	U	930	U
4-Nitrophenol	100-02-7	--	--	920	UJ	890	UJ	930	UJ	450	U	350	U	940	U	930	U
Acenaphthene	83-32-9	1000000	84000	370	U	350	U	370	U	230	U	180	U	380	U	120	J
Acenaphthylene	208-96-8	1000000	84000	370	U	350	U	370	U	230	U	180	U	380	U	46	J
Acetophenone	98-86-2	--	--							230	U	180	U				
Anthracene	120-12-7	1000000	400000	370	U	350	U	44	J	230	U	29	J	380	U	280	J
Atrazine	1912-24-9	2800	200							230	U	180	U				
Benzaldehyde	100-52-7	--	--							230	U	180	U				
Benzo(A)Anthracene	56-55-3	1000	1000	160	J	94	J	210	J	31	J	110	J	94	J	**1200**	
Benzo(A)Pyrene	50-32-8	1000	1000	160	J	80	J	190	J	28	J	100	J	80	J	810	
Benzo(B)Fluoranthene	205-99-2	1000	1000	210	J	100	J	440	J	27	J	120	J	120	J	890	
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	130	J	80	J	140	J	230	U	54	J	68	J	690	
Benzo(K)Fluoranthene	207-08-9	8400	1000	150	J	92	J	340	J	29	J	91	J	110	J	950	
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	370	U	350	U	370	U	230	U	180	U	380	U	370	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		9 Store Ave.		9 Store Ave.	
			Top Depth	0		0.5		0.5		5		5		0		0	
			Sample Location	SS-11		SS-10		SS-11		SB107		SB108		SS-05		SS-06	
			Sample ID	APJ51		APJ50		APJ52		80018-SB107-0507		80018-SB108-0507		APJ38		APJ40	
			Risk Zone	D1*		D1*		D1*		D1*		D1*		F*		F*	
			Bottom Depth	0.5		2		2		7		7		0.5		0.5	
			Sample Date	4/27/1999		4/27/1999		4/27/1999		10/30/2008		10/24/2008		4/27/1999		4/27/1999	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	370	U	350	U	1400		41	JB	35	JEB	97	J	370	U
Butylbenzylphthalate	85-68-7	1000000	200000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Caprolactam	105-60-2	--	--							230	U	180	U				
Carbazole	86-74-8	31000	1000	370	UJ	350	UJ	38	J	230	U	25	J	380	U	160	J
Chrysene	218-01-9	84000	1000	240	J	120	J	310	J	43	J	130	J	160	J	**1400**	
Dibenz(A,H)Anthracene	53-70-3	1000	1000	49	J	350	U	69	J	230	U	21	J	380	U	330	J
Dibenzofuran	132-64-9	270000	5600	370	U	350	U	370	U	230	U	180	U	380	U	85	J
Diethylphthalate	84-66-2	1000000	1100000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Dimethylphthalate	131-11-3	1000000	1100000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	370	U	350	U	370	U	230	U	180	U	380	U	60	J
Di-N-Octyl Phthalate	117-84-0	1000000	20000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Fluoranthene	206-44-0	1000000	56000	360	J	210	J	480		74	J	360		350	J	2500	
Fluorene	86-73-7	1000000	56000	370	U	350	U	370	U	230	U	180	U	380	U	110	J
Hexachlorobenzene	118-74-1	1000	1000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Hexachlorobutadiene	87-68-3	7900	--	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Hexachloroethane	67-72-1	44000	1000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	120	J	75	J	140	J	230	U	57	J	65	J	640	
Isophorone	78-59-1	640000	7400	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Naphthalene	91-20-3	1000000	56000	370	U	350	U	370	U	230	U	180	U	380	U	44	J
Nitrobenzene	98-95-3	34000	1000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	370	UJ	350	UJ	370	UJ	230	U	180	U	380	U	370	U
N-Nitrosodiphenylamine	86-30-6	130000	1400							230	U	180	U				
Pentachlorophenol	87-86-5	5100	1000	920	U	890	UJ	930	U	450	U	350	U	940	U	930	U
Phenanthrene	85-01-8	1000000	40000	190	J	110	J	310	J	36	J	130	J	200	J	1600	
Phenol	108-95-2	1000000	800000	370	U	350	U	370	U	230	U	180	U	380	U	370	U
Pyrene	129-00-0	1000000	40000	480		180	J	540		71	J	280	J	290	J	2200	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	0		0		0		0		0		0	
			Sample Location	SS-07		SS-08		SS-09		SS14		SS14		SS17	
			Sample ID	APJ42		APJ44		APJ46		SS-014~AA25776~~100802		SS-014~S2101414.D~~100802		SS-017~A0RG2-5A70~~103102	
			Risk Zone	F*		F*		F*		F*		F*		F*	
			Bottom Depth	0.5		0.5		0.5		0.25		0.25		0.25	
			Sample Date	4/27/1999		4/27/1999		4/27/1999		10/8/2002		10/8/2002		10/31/2002	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--									87	J	430	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	390	U	400	U	410	U			800	U	430	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	1000000	140000	980	U	1000	U	1000	U			2000	U	1100	U
2,4,6-Trichlorophenol	88-06-2	56000	1000	390	U	400	U	410	U			800	U	430	U
2,4-Dichlorophenol	120-83-2	200000	4000	390	U	400	U	410	U			800	U	430	U
2,4-Dimethylphenol	105-67-9	1000000	28000	390	U	400	U	410	U			800	U	430	U
2,4-Dinitrophenol	51-28-5	140000	2800	390	U	1000	U	1000	UJ			2000	U	1100	U
2,4-Dinitrotoluene	121-14-2	140000	2800	390	U	400	U	410	U			800	U	430	U
2,6-Dinitrotoluene	606-20-2	--	1400	390	U	400	U	410	U			800	U	430	U
2-Chloronaphthalene	91-58-7	1000000	110000	390	U	400	U	410	U			800	U	430	U
2-Chlorophenol	95-57-8	340000	7200	390	U	400	U	410	U			800	U	430	U
2-Methylnaphthalene	91-57-6	474000	--	60	J	400	U	410	U			270	J	430	U
2-Methylphenol	95-48-7	1000000	70000	390	U	400	U	410	U			800	U	430	U
2-Nitroaniline	88-74-4	4100	1650	980	U	1000	U	1000	U			2000	U	1100	U
2-Nitrophenol	88-75-5	540000	11000	390	U	400	U	410	U			800	U	430	U
3,3'-Dichlorobenzidine	91-94-1	1400	330	390	U	400	U	410	U			800	UJ	430	U
3-Nitroaniline	99-09-2	200000	4200	980	U	1000	UJ	1000	U			2000	U	1100	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	980	U	1000	U	1000	U			2000	U	1100	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000	390	U	400	U	410	U			800	U	430	U
4-Chloro-3-Methylphenol	59-50-7	--	--	390	U	400	U	410	U			800	U	430	U
4-Chloroaniline	106-47-8	270000	5600	390	U	400	UJ	410	U			800	U	430	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	390	U	400	U	410	U			800	U	430	U
4-Methylphenol	106-44-5	340000	7000	390	U	400	U	410	U			49	J	430	U
4-Nitroaniline	100-01-6	200000	4200	980	U	1000	U	1000	U			2000	U	1100	U
4-Nitrophenol	100-02-7	--	--	390	U	1000	U	1000	U			2000	U	1100	U
Acenaphthene	83-32-9	1000000	84000	150	J	400	U	53	J			600	J	430	U
Acenaphthylene	208-96-8	1000000	84000	120	J	400	U	59	J			370	J	69	J
Acetophenone	98-86-2	--	--									90	J	16	JB
Anthracene	120-12-7	1000000	400000	320	J	400	U	210	J			1700		57	J
Atrazine	1912-24-9	2800	200									800	U	430	U
Benzaldehyde	100-52-7	--	--									180	JEB	29	J
Benzo(A)Anthracene	56-55-3	1000	1000	**1100**		56	J	710				**4300**		210	J
Benzo(A)Pyrene	50-32-8	1000	1000	830		400	U	550				**4100**		280	J
Benzo(B)Fluoranthene	205-99-2	1000	1000	**1400**	J	130	J	800				**5100**		310	J
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	530		58	J	480				3000		240	J
Benzo(K)Fluoranthene	207-08-9	8400	1000	**1900**	J	140	J	690				**4000**		310	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	390	U	400	U	410	U			800	U	430	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	390	U	400	U	410	U			800	U	430	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	0		0		0		0		0		0	
			Sample Location	SS-07		SS-08		SS-09		SS14		SS14		SS17	
			Sample ID	APJ42		APJ44		APJ46		SS-014~AA25776~~100802		SS-014~S2101414.D~~100802		SS-017~A0RG2-5A70~~103102	
			Risk Zone	F*		F*		F*		F*		F*		F*	
			Bottom Depth	0.5		0.5		0.5		0.25		0.25		0.25	
			Sample Date	4/27/1999		4/27/1999		4/27/1999		10/8/2002		10/8/2002		10/31/2002	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	86	J	3900		140	J			640	J	170	JB
Butylbenzylphthalate	85-68-7	1000000	200000	390	U	400	U	410	U			320	J	18	J
Caprolactam	105-60-2	--	--									800	U	430	U
Carbazole	86-74-8	31000	1000	170	J	400	UJ	300	J			920		50	J
Chrysene	218-01-9	84000	1000	**1400**		110	J	940				**4700**		360	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	180	J	400	U	220	J			**1400**		63	J
Dibenzofuran	132-64-9	270000	5600	110	J	400	U	90	J			530	J	10	J
Diethylphthalate	84-66-2	1000000	1100000	390	U	400	U	410	U			800	U	430	U
Dimethylphthalate	131-11-3	1000000	1100000	390	U	400	U	410	U			800	U	430	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000	390	U	400	U	53	J			150	JEB	430	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000	390	U	400	U	410	U			800	U	200	J
Fluoranthene	206-44-0	1000000	56000	2700		190	J	1700				11000		750	
Fluorene	86-73-7	1000000	56000	140	J	400	U	110	J			630	J	34	J
Hexachlorobenzene	118-74-1	1000	1000	390	U	400	U	410	U			800	U	430	U
Hexachlorobutadiene	87-68-3	7900	--	390	U	400	U	410	U			800	U	430	U
Hexachlorocyclopentadiene	77-47-4	470000	9800	390	U	400	U	410	U			800	U	430	U
Hexachloroethane	67-72-1	44000	1000	390	U	400	U	410	U			800	U	430	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	640		55	J	460				**2900**		240	J
Isophorone	78-59-1	640000	7400	390	U	400	U	410	U			800	U	430	U
Naphthalene	91-20-3	1000000	56000	84	J	400	U	410	U	6	U	330	J	430	U
Nitrobenzene	98-95-3	34000	1000	390	U	400	U	410	U			800	U	430	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	390	U	400	U	410	U			800	U	430	U
N-Nitrosodiphenylamine	86-30-6	130000	1400									800	U	430	U
Pentachlorophenol	87-86-5	5100	1000	980	U	1000	U	1000	U			2000	U	1100	U
Phenanthrene	85-01-8	1000000	40000	1800		100	J	1600				8300		450	
Phenol	108-95-2	1000000	800000	390	U	400	U	410	U			800	U	430	U
Pyrene	129-00-0	1000000	40000	2000		180	J	1500				11000		630	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	0		0.5		0.5		0.5		0.5		0.5		0.5	
			Sample Location	SS17		SS-05		SS-06		SS-07		SS-08		SS-09		SS-09	
			Sample ID	SS-017~AA26571~~103102		APJ39		APJ41		APJ43		APJ45		APJ47		APJ48	
			Risk Zone	F*		F*		F*		F*		F*		F*		F*	
			Bottom Depth	0.25		2		2		2		2		2		2	
			Sample Date	10/31/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999	
			Sample Type	N		N		N		N		N		N		FD	
			Field Duplicate Parent													APJ47	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--														
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400														
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400			850	U	780	U	800	U	390	U	390	U	350	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--														
2,4,5-Trichlorophenol	95-95-4	1000000	140000			2100	U	2000	U	2000	U	990	U	990	U	870	U
2,4,6-Trichlorophenol	88-06-2	56000	1000			850	U	780	U	800	U	390	U	390	U	350	U
2,4-Dichlorophenol	120-83-2	200000	4000			850	U	780	U	800	U	390	U	390	U	350	U
2,4-Dimethylphenol	105-67-9	1000000	28000			850	U	780	U	800	U	390	U	390	U	350	U
2,4-Dinitrophenol	51-28-5	140000	2800			2100	U	2000	U	2000	U	990	U	990	U	870	U
2,4-Dinitrotoluene	121-14-2	140000	2800			850	U	780	U	800	U	390	U	390	U	350	U
2,6-Dinitrotoluene	606-20-2	--	1400			850	U	780	U	800	U	390	U	390	U	350	U
2-Chloronaphthalene	91-58-7	1000000	110000			850	U	780	U	800	U	390	U	390	U	350	U
2-Chlorophenol	95-57-8	340000	7200			850	U	780	U	800	U	390	U	390	U	350	U
2-Methylnaphthalene	91-57-6	474000	--			200	J	780	U	89	J	64	J	67	J	350	U
2-Methylphenol	95-48-7	1000000	70000			850	U	780	U	800	U	390	U	390	U	350	U
2-Nitroaniline	88-74-4	4100	1650			2100	U	2000	U	2000	U	990	U	990	U	870	U
2-Nitrophenol	88-75-5	540000	11000			850	U	780	U	800	U	390	U	390	U	350	U
3,3'-Dichlorobenzidine	91-94-1	1400	330			850	U	780	U	800	U	390	UJ	390	U	350	U
3-Nitroaniline	99-09-2	200000	4200			2100	U	2000	U	2000	U	990	U	990	U	870	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			2100	U	2000	U	2000	U	990	U	990	U	870	U
4-Bromophenyl-Phenylether	101-55-3	500000	82000			850	U	780	U	800	U	390	U	390	U	350	U
4-Chloro-3-Methylphenol	59-50-7	--	--			850	U	780	U	800	U	43	J	390	U	350	U
4-Chloroaniline	106-47-8	270000	5600			850	U	780	U	800	U	390	UJ	390	U	350	U
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000			850	U	780	U	800	U	390	U	390	U	350	U
4-Methylphenol	106-44-5	340000	7000			850	U	780	U	800	U	390	U	390	U	350	U
4-Nitroaniline	100-01-6	200000	4200			2100	U	2000	U	2000	U	990	U	990	U	870	U
4-Nitrophenol	100-02-7	--	--			2100	U	2000	U	2000	U	990	U	990	U	870	U
Acenaphthene	83-32-9	1000000	84000			560	J	170	J	420	J	230	J	84	J	100	J
Acenaphthylene	208-96-8	1000000	84000			280	J	780	U	800	U	390	U	100	J	350	U
Acetophenone	98-86-2	--	--														
Anthracene	120-12-7	1000000	400000			1200		560	J	810		430		250	J	240	J
Atrazine	1912-24-9	2800	200														
Benzaldehyde	100-52-7	--	--														
Benzo(A)Anthracene	56-55-3	1000	1000			**3100**		**1400**		**2000**		**1100**		990		870	
Benzo(A)Pyrene	50-32-8	1000	1000			**2200**		950		**1200**		760		740		540	
Benzo(B)Fluoranthene	205-99-2	1000	1000			**3400**	J	**1400**		**2000**	J	**1200**	J	**1000**		780	
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			1200		630	J	600	J	440		430		290	J
Benzo(K)Fluoranthene	207-08-9	8400	1000			**4400**	J	830		**2500**	J	670		670	J	390	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			850	U	780	U	800	U	390	U	390	U	350	U
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400			850	U	780	U	800	U	390	U	390	U	350	U

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	0		0.5		0.5		0.5		0.5		0.5		0.5		0.5	
			Sample Location	SS17		SS-05		SS-06		SS-07		SS-08		SS-09		SS-09		SS-09	
			Sample ID	SS-017~AA26571~~103102		APJ39		APJ41		APJ43		APJ45		APJ47		APJ48		APJ48	
			Risk Zone	F*		F*		F*		F*		F*		F*		F*		F*	
			Bottom Depth	0.25		2		2		2		2		2		2		2	
			Sample Date	10/31/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999	
			Sample Type	N		N		N		N		N		N		FD		FD	
			Field Duplicate Parent													APJ47		APJ47	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000			130	J	95	J	140	J	390	U	270	J	350	U	350	U
Butylbenzylphthalate	85-68-7	1000000	200000			850	U	780	U	800	U	390	U	390	U	350	U	350	U
Caprolactam	105-60-2	--	--																
Carbazole	86-74-8	31000	1000			570	J	230	J	420	J	220	J	190	J	200	J	200	J
Chrysene	218-01-9	84000	1000			**3100**		**2200**		**2000**		**1100**		**1400**		**1100**		**1100**	
Dibenz(A,H)Anthracene	53-70-3	1000	1000			450	J	210	J	170	J	240	J	90	J	110	J	110	J
Dibenzofuran	132-64-9	270000	5600			420	J	110	J	210	J	120	J	110	J	66	J	66	J
Diethylphthalate	84-66-2	1000000	1100000			850	U	780	U	800	U	390	U	390	U	350	U	350	U
Dimethylphthalate	131-11-3	1000000	1100000			850	U	780	U	800	U	390	U	390	U	350	U	350	U
Di-N-Butyl Phthalate	84-74-2	1000000	140000			850	U	73	J	800	U	70	J	390	U	350	U	350	U
Di-N-Octyl Phthalate	117-84-0	1000000	20000			850	U	780	UJ	800	U	98	J	390	U	350	U	350	U
Fluoranthene	206-44-0	1000000	56000			6400		3400		3900		2500		2800		2400		2400	
Fluorene	86-73-7	1000000	56000			560	J	130	J	320	J	190	J	140	J	100	J	100	J
Hexachlorobenzene	118-74-1	1000	1000			850	U	780	U	800	U	390	U	390	U	350	U	350	U
Hexachlorobutadiene	87-68-3	7900	--			850	U	780	U	800	U	390	U	390	U	350	U	350	U
Hexachlorocyclopentadiene	77-47-4	470000	9800			850	U	780	U	800	U	390	U	390	U	350	U	350	U
Hexachloroethane	67-72-1	44000	1000			850	U	780	U	800	U	390	U	390	U	350	U	350	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			**1500**		920	J	710	J	540		510		380		380	
Isophorone	78-59-1	640000	7400			850	U	780	U	800	U	390	U	390	U	350	U	350	U
Naphthalene	91-20-3	1000000	56000	1	U	330	J	780	U	190	J	85	J	85	J	50	J	50	J
Nitrobenzene	98-95-3	34000	1000			850	U	780	U	800	U	390	U	390	U	350	U	350	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			850	U	780	U	800	U	390	U	390	U	350	U	350	U
N-Nitrosodiphenylamine	86-30-6	130000	1400																
Pentachlorophenol	87-86-5	5100	1000			2100	U	2000	U	2000	U	990	U	990	U	870	U	870	U
Phenanthrene	85-01-8	1000000	40000			6000		2500		3200		2100		2200		1500		1500	
Phenol	108-95-2	1000000	800000			850	U	780	U	800	U	390	U	390	U	350	U	350	U
Pyrene	129-00-0	1000000	40000			5300		3400		3100		2200		2200		1700		1700	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Stor
			Top Depth	10		10		4		4		15		1
			Sample Location	SB143		SB144		SB195		SB196		SB12		SB
			Sample ID	80018-SB143-1012		80018-SB144-1012		80018-SB195-0410-0311		80018-SB196-0410-0311		SB12-15-20~H73GK187~~101702		80018-SB
			Risk Zone	F*		F*		F*		F*		F*		F
			Bottom Depth	12		12		9		9		20		1
			Sample Date	10/27/2008		10/27/2008		3/30/2011		3/31/2011		10/17/2002		10/28
			Sample Type	N		N		N		N		N		N
			Field Duplicate Parent											
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
1,1'-Biphenyl	92-52-4	--	--	77	J	120	J	240	U	210	U		R	300
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400	230	U	340	U	240	U	210	U			300
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	230	U	340	U	240	U	210	U		R	300
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	230	U	340	U	240	U	210	U			300
2,4,5-Trichlorophenol	95-95-4	1000000	140000	230	U	340	U	240	U	210	U		R	300
2,4,6-Trichlorophenol	88-06-2	56000	1000	230	U	340	U	240	U	210	U		R	300
2,4-Dichlorophenol	120-83-2	200000	4000	230	U	340	U	240	U	210	U		R	300
2,4-Dimethylphenol	105-67-9	1000000	28000	230	U	340	U	240	U	210	U		R	300
2,4-Dinitrophenol	51-28-5	140000	2800	440	U	670	U	460	U	410	U		R	580
2,4-Dinitrotoluene	121-14-2	140000	2800	230	U	340	U	240	U	210	U		R	300
2,6-Dinitrotoluene	606-20-2	--	1400	230	U	340	U	240	U	210	U		R	300
2-Chloronaphthalene	91-58-7	1000000	110000	230	U	340	U	240	U	210	U		R	300
2-Chlorophenol	95-57-8	340000	7200	230	U	340	U	240	U	210	U		R	300
2-Methylnaphthalene	91-57-6	474000	--	220	J	270	J	240	U	210	U		R	88
2-Methylphenol	95-48-7	1000000	70000	230	U	340	U	240	U	210	U		R	300
2-Nitroaniline	88-74-4	4100	1650	440	U	670	U	460	U	410	U		R	580
2-Nitrophenol	88-75-5	540000	11000	230	U	340	U	240	U	210	U		R	300
3,3'-Dichlorobenzidine	91-94-1	1400	330	230	U	340	U	240	U	210	U		R	300
3-Nitroaniline	99-09-2	200000	4200	440	U	670	U	460	U	410	U		R	580
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	440	U	670	U	460	U	410	U		R	580
4-Bromophenyl-Phenylether	101-55-3	500000	82000	230	U	340	U	240	U	210	U		R	300
4-Chloro-3-Methylphenol	59-50-7	--	--	230	U	340	U	240	U	210	U		R	300
4-Chloroaniline	106-47-8	270000	5600	230	U	340	U	240	U	210	U		R	300
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	230	U	340	U	240	U	210	U		R	300
4-Methylphenol	106-44-5	340000	7000	22	J	340	U	240	U	210	U		R	300
4-Nitroaniline	100-01-6	200000	4200	440	U	670	U	460	U	410	U		R	580
4-Nitrophenol	100-02-7	--	--	440	U	670	U	460	U	410	U		R	580
Acenaphthene	83-32-9	1000000	84000	260		1100		240	U	210	U	47	J	1200
Acenaphthylene	208-96-8	1000000	84000	1300		460		43	J	210	U		R	69
Acetophenone	98-86-2	--	--	59	J	95	J	69	J	84	J		R	300
Anthracene	120-12-7	1000000	400000	1100		3900		370		210	U	160	J	2900
Atrazine	1912-24-9	2800	200	230	U	340	U	240	U	210	U		R	300
Benzaldehyde	100-52-7	--	--	230	U	340	U	240	U	210	U		R	300
Benzo(A)Anthracene	56-55-3	1000	1000	**4300**	D	**14000**	D	**1300**		67	J	370	J	**6700**
Benzo(A)Pyrene	50-32-8	1000	1000	**4700**	D	**18000**	D	**1300**		46	J	290	J	**5600**
Benzo(B)Fluoranthene	205-99-2	1000	1000	**7100**	D	**19000**	D	**1100**		72	J	310	J	**6600**
Benzo(G,H,I)Perylene	191-24-2	1000000	42000	850		2800		630		210	U	120	J	730
Benzo(K)Fluoranthene	207-08-9	8400	1000	**4500**	D	**15000**	D	**1400**		210	U	280	J	**6300**
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	230	U	340	U	240	U	210	U		R	300
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	230	U	340	U	240	U	210	U		R	300

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Stor
			Top Depth	10		10		4		4		15		15		1
			Sample Location	SB143		SB144		SB195		SB196		SB12		SB12		SB
			Sample ID	80018-SB143-1012		80018-SB144-1012		80018-SB195-0410-0311		80018-SB196-0410-0311		SB12-15-20~H73GK187~~101702		SB12-15-20~H73GK187~~101702		80018-SB
			Risk Zone	F*		F*		F*		F*		F*		F*		F
			Bottom Depth	12		12		9		9		20		20		1
			Sample Date	10/27/2008		10/27/2008		3/30/2011		3/31/2011		10/17/2002		10/17/2002		10/28
			Sample Type	N		N		N		N		N		N		N
			Field Duplicate Parent													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	230	U	340	U	240	U	210	U	160	J	160	J	84
Butylbenzylphthalate	85-68-7	1000000	200000	230	U	340	U	240	U	210	U		R		R	300
Caprolactam	105-60-2	--	--	230	U	340	U	240	U	210	U		R		R	300
Carbazole	86-74-8	31000	1000	520		730		91	J	210	U	69	J	69	J	110
Chrysene	218-01-9	84000	1000	**5800**	D	**15000**	D	**1400**		110	J	390	J	390	J	**6700**
Dibenz(A,H)Anthracene	53-70-3	1000	1000	310		890		210	J	210	U	48	J	48	J	230
Dibenzofuran	132-64-9	270000	5600	290		620		240	U	210	U		R		R	410
Diethylphthalate	84-66-2	1000000	1100000	230	U	340	U	240	U	210	U		R		R	300
Dimethylphthalate	131-11-3	1000000	1100000	230	U	340	U	240	U	210	U		R		R	300
Di-N-Butyl Phthalate	84-74-2	1000000	140000	230	U	340	U	240	U	210	U		R		R	300
Di-N-Octyl Phthalate	117-84-0	1000000	20000	230	U	340	U	240	U	210	U		R		R	300
Fluoranthene	206-44-0	1000000	56000	12000	D	35000	D	2500		160	J	960	J	960	J	22000
Fluorene	86-73-7	1000000	56000	340		1100		82	J	210	U	76	J	76	J	1200
Hexachlorobenzene	118-74-1	1000	1000	230	U	340	U	240	U	210	U		R		R	300
Hexachlorobutadiene	87-68-3	7900	--	230	U	340	U	240	U	210	U		R		R	300
Hexachlorocyclopentadiene	77-47-4	470000	9800	230	U	340	U	240	U	210	U		R		R	300
Hexachloroethane	67-72-1	44000	1000	230	U	340	U	240	U	210	U		R		R	300
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000	980		**3200**		830		38	J	180	J	180	J	900
Isophorone	78-59-1	640000	7400	230	U	340	U	240	U	210	U		R		R	300
Naphthalene	91-20-3	1000000	56000	240		550		240	U	210	U		R		R	300
Nitrobenzene	98-95-3	34000	1000	230	U	340	U	240	U	210	U		R		R	300
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	230	U	340	U	240	U	210	U		R		R	300
N-Nitrosodiphenylamine	86-30-6	130000	1400	230	U	340	U	240	U	210	U		R		R	300
Pentachlorophenol	87-86-5	5100	1000	440	U	670	U	460	U	410	U		R		R	580
Phenanthrene	85-01-8	1000000	40000	4400	D	7100	D	1600		150	J	720	J	720	J	8200
Phenol	108-95-2	1000000	800000	230	U	340	U	240	U	210	U		R		R	300
Pyrene	129-00-0	1000000	40000	5300	D	18000	D	2300		210	U	750	J	750	J	10000

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	e Ave.	9 Store Ave.	
			Top Depth	5	18	
			Sample Location	142	SB12	
			Sample ID	142-1517	SB12-18-19~AA26111~~101402	
			Risk Zone	*	F*	
			Bottom Depth	7	19	
			Sample Date	/2008	10/14/2002	
			Sample Type	I	N	
			Field Duplicate Parent			
			Unit	/kg	ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	20000	400	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	8800	2400	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	U		
2,4,5-Trichlorophenol	95-95-4	1000000	140000	U		
2,4,6-Trichlorophenol	88-06-2	56000	1000	U		
2,4-Dichlorophenol	120-83-2	200000	4000	U		
2,4-Dimethylphenol	105-67-9	1000000	28000	U		
2,4-Dinitrophenol	51-28-5	140000	2800	U		
2,4-Dinitrotoluene	121-14-2	140000	2800	U		
2,6-Dinitrotoluene	606-20-2	--	1400	U		
2-Chloronaphthalene	91-58-7	1000000	110000	U		
2-Chlorophenol	95-57-8	340000	7200	U		
2-Methylnaphthalene	91-57-6	474000	--	J		
2-Methylphenol	95-48-7	1000000	70000	U		
2-Nitroaniline	88-74-4	4100	1650	U		
2-Nitrophenol	88-75-5	540000	11000	U		
3,3'-Dichlorobenzidine	91-94-1	1400	330	U		
3-Nitroaniline	99-09-2	200000	4200	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	U		
4-Bromophenyl-Phenylether	101-55-3	500000	82000	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	U		
4-Chloroaniline	106-47-8	270000	5600	U		
4-Chlorophenyl-Phenylether	7005-72-3	500000	82000	U		
4-Methylphenol	106-44-5	340000	7000	U		
4-Nitroaniline	100-01-6	200000	4200	U		
4-Nitrophenol	100-02-7	--	--	U		
Acenaphthene	83-32-9	1000000	84000			
Acenaphthylene	208-96-8	1000000	84000	J		
Acetophenone	98-86-2	--	--	U		
Anthracene	120-12-7	1000000	400000			
Atrazine	1912-24-9	2800	200	U		
Benzaldehyde	100-52-7	--	--	U		
Benzo(A)Anthracene	56-55-3	1000	1000	D		
Benzo(A)Pyrene	50-32-8	1000	1000	D		
Benzo(B)Fluoranthene	205-99-2	1000	1000	D		
Benzo(G,H,I)Perylene	191-24-2	1000000	42000			
Benzo(K)Fluoranthene	207-08-9	8400	1000	D		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	U		
Bis(2-Chloroethyl)Ether	111-44-4	1000	2400	U		

Appendix G
Analytical Data Summary
SVOCs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	e Ave.	9 Store Ave.	
			Top Depth	5	18	
			Sample Location	142	SB12	
			Sample ID	142-1517	SB12-18-19~AA26111~~101402	
			Risk Zone	*	F*	
			Bottom Depth	7	19	
			Sample Date	/2008	10/14/2002	
			Sample Type	I	N	
			Field Duplicate Parent			
			Unit	/kg	ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Ethylhexyl)Phthalate	117-81-7	44000	11000	BJ		
Butylbenzylphthalate	85-68-7	1000000	200000	U		
Caprolactam	105-60-2	--	--	U		
Carbazole	86-74-8	31000	1000	J		
Chrysene	218-01-9	84000	1000	D		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	J		
Dibenzofuran	132-64-9	270000	5600			
Diethylphthalate	84-66-2	1000000	1100000	U		
Dimethylphthalate	131-11-3	1000000	1100000	U		
Di-N-Butyl Phthalate	84-74-2	1000000	140000	U		
Di-N-Octyl Phthalate	117-84-0	1000000	20000	U		
Fluoranthene	206-44-0	1000000	56000	D		
Fluorene	86-73-7	1000000	56000			
Hexachlorobenzene	118-74-1	1000	1000	U		
Hexachlorobutadiene	87-68-3	7900	--	U		
Hexachlorocyclopentadiene	77-47-4	470000	9800	U		
Hexachloroethane	67-72-1	44000	1000	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	1000			
Isophorone	78-59-1	640000	7400	U		
Naphthalene	91-20-3	1000000	56000	J	6	U
Nitrobenzene	98-95-3	34000	1000	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	U		
N-Nitrosodiphenylamine	86-30-6	130000	1400	U		
Pentachlorophenol	87-86-5	5100	1000	U		
Phenanthrene	85-01-8	1000000	40000	D		
Phenol	108-95-2	1000000	800000	U		
Pyrene	129-00-0	1000000	40000	D		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
D- Result reported from a diluted
E - Substance was detected above calibration limit
R - Value is rejected and not

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.			
			Top Depth	0		0		0		0		0		0			
			Sample Location	SS142		SS143		SS144		SS145		SS25		SS25			
			Sample ID	80018-SS142-0006		80018-SS143-0002		80018-SS144-0002		80018-SS145-0002		SS-025~AA25777~~100802		SS-025~S2101509.D~~100802			
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*			
			Bottom Depth	0.5		2		2		2		0.25		0.25			
			Sample Date	10/16/2008		11/1/2008		10/25/2008		11/1/2008		10/8/2002		10/8/2002			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	190	U	190	U	180	U	190	U			350	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400	190	U	190	U	180	U	190	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	190	U	190	U	180	U	190	U			350	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	190	U	190	U	180	U	190	U						
2,4,5-Trichlorophenol	95-95-4	2500000	140000	190	U	190	U	180	U	190	U			890	U		
2,4,6-Trichlorophenol	88-06-2	520000	1000	190	U	190	U	180	U	190	U			350	U		
2,4-Dichlorophenol	120-83-2	2500000	4000	190	U	190	U	180	U	190	U			350	U		
2,4-Dimethylphenol	105-67-9	2500000	28000	190	U	190	U	180	U	190	U			350	U		
2,4-Dinitrophenol	51-28-5	2500000	2800	370	U	370	U	360	U	370	UJ			890	U		
2,4-Dinitrotoluene	121-14-2	2500000	2800	190	U	190	U	180	U	190	U			350	U		
2,6-Dinitrotoluene	606-20-2	2500000	1400	190	U	190	U	180	U	190	U			350	U		
2-Chloronaphthalene	91-58-7	2500000	110000	190	U	190	U	180	U	190	U			350	U		
2-Chlorophenol	95-57-8	2500000	7200	190	U	190	U	180	U	190	U			350	U		
2-Methylnaphthalene	91-57-6	2500000	--	190	U	36	J	180	U	60	J			350	U		
2-Methylphenol	95-48-7	2500000	70000	190	U	190	U	180	U	190	U			350	U		
2-Nitroaniline	88-74-4	1200000	1650	370	U	370	U	360	U	370	U			890	U		
2-Nitrophenol	88-75-5	2500000	11000	190	U	190	U	180	U	190	U			350	U		
3,3'-Dichlorobenzidine	91-94-1	13000	330	190	U	190	U	180	U	190	U			350	UJ		
3-Nitroaniline	99-09-2	2500000	4200	370	U	370	U	360	U	370	U			890	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	370	U	370	U	360	U	370	UJ			890	U		
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	190	U	190	U	180	U	190	U			350	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	190	U	190	U	180	U	190	U			350	U		
4-Chloroaniline	106-47-8	2500000	5600	190	U	190	U	180	U	190	U			350	U		
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	190	U	190	U	180	U	190	U			350	U		
4-Methylphenol	106-44-5	2500000	7000	190	U	190	U	180	U	190	U			350	U		
4-Nitroaniline	100-01-6	2500000	4200	370	U	370	U	360	U	370	U			890	U		
4-Nitrophenol	100-02-7	--	--	370	U	370	U	360	U	370	U			890	U		
Acenaphthene	83-32-9	2500000	84000	36	J	190	U	180	U	19	J			28	J		
Acenaphthylene	208-96-8	2500000	84000	64	J	61	J	45	J	48	J			82	J		
Acetophenone	98-86-2	--	--	190	U	190	U	180	U	190	U			27	J		
Anthracene	120-12-7	2500000	400000	100	J	72	J	19	J	63	J			120	J		
Atrazine	1912-24-9	26000	200	190	U	190	U	180	U	190	U			350	U		
Benzaldehyde	100-52-7	--	--	190	U	190	U	180	U	190	U			350	U		
Benzo(A)Anthracene	56-55-3	7800	1000	820		660		140	J	400				490			
Benzo(A)Pyrene	50-32-8	1000	1000	**1000**		650		170	J	490				570			
Benzo(B)Fluoranthene	205-99-2	7800	1000	**1400**	J	650		220		620				680			
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	410	J	150	J	64	J	150	J			460			
Benzo(K)Fluoranthene	207-08-9	78000	1000	850		720		210		560				680			
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	190	U	190	U	180	U	190	U			350	U		
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	190	U	190	U	180	U	190	U			350	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	190	U	60	J	38	J	55	J			740	J		
Butylbenzylphthalate	85-68-7	2500000	200000	52	J	190	U	180	U	190	U			230	J		
Caprolactam	105-60-2	--	--	190	U	29	J	180	U	190	U			350	U		
Carbazole	86-74-8	290000	1000	100	J	190	U	180	U	36	J			96	J		
Chrysene	218-01-9	780000	1000	**1100**		600		220		480				720			
Dibenz(A,H)Anthracene	53-70-3	1000	1000	130	J	53	J	20	J	44	J			190	J		
Dibenzofuran	132-64-9	2500000	5600	19	J	190	U	180	U	190	U			21	J		
Diethylphthalate	84-66-2	1000000	1100000	190	U	190	U	180	U	190	U			350	U		

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	0		0		0		0		0		0		0	
			Sample Location	SS142		SS143		SS144		SS145		SS25		SS25		SS25	
			Sample ID	80018-SS142-0006		80018-SS143-0002		80018-SS144-0002		80018-SS145-0002		SS-025~AA25777~~100802		SS-025~S2101509.D~~100802		SS-025~S2101509.D~~100802	
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*		E2*	
			Bottom Depth	0.5		2		2		2		0.25		0.25		0.25	
			Sample Date	10/16/2008		11/1/2008		10/25/2008		11/1/2008		10/8/2002		10/8/2002		10/8/2002	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Dimethylphthalate	131-11-3	1000000	1100000	190	U	190	U	180	U	190	U			350	U		
Di-N-Butyl Phthalate	84-74-2	2500000	140000	35	J	36	EB	180	U	190	U			43	JEB		
Di-N-Octyl Phthalate	117-84-0	2500000	20000	190	U	190	UJ	180	U	190	UJ			350	UJ		
Fluoranthene	206-44-0	2500000	56000	1900		1200		270		970				1000			
Fluorene	86-73-7	2500000	56000	38	J	190	U	180	U	190	U			40	J		
Hexachlorobenzene	118-74-1	3600	1000	190	U	190	U	180	U	190	U			350	U		
Hexachlorobutadiene	87-68-3	--	--	190	U	190	U	180	U	190	U			350	U		
Hexachlorocyclopentadiene	77-47-4	2500000	9800	190	U	190	U	180	U	190	U			350	U		
Hexachloroethane	67-72-1	410000	1000	190	U	190	U	180	U	190	U			350	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	480		170	J	78	J	170	J			440			
Isophorone	78-59-1	2500000	7400	190	U	190	U	180	U	190	U			350	U		
Naphthalene	91-20-3	2500000	56000	190	U	190	U	180	U	190	U	5	U	350	U		
Nitrobenzene	98-95-3	1000000	1000	190	U	190	U	180	U	190	U			350	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	190	U	190	U	180	U	190	U			350	U		
N-Nitrosodiphenylamine	86-30-6	1200000	1400	190	U	190	U	180	U	190	U			350	U		
Pentachlorophenol	87-86-5	48000	1000	370	U	370	U	360	U	370	U			890	U		
Phenanthrene	85-01-8	2500000	40000	710		290		140	J	400				650			
Phenol	108-95-2	2500000	800000	190	U	190	U	180	U	190	U			350	U		
Pyrene	129-00-0	2500000	40000	1500		790		240		610				1400			

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical
Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	0		0		0		0		0.5		0.5	
			Sample Location	SS26		SS26		SS-39		SS-40		SS-39		SS-40	
			Sample ID	SS-026~A0RG4-5A70~~102402		SS-026~AA26229~~102402		APK10		APK12		APK11		APK13	
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*	
			Bottom Depth	0.25		0.25		0.5		0.5		2		2	
			Sample Date	10/24/2002		10/24/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	380	U										
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	380	U			400	U	760	U	380	U	360	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	2500000	140000	950	U			1000	U	1900	U	950	U	900	U
2,4,6-Trichlorophenol	88-06-2	520000	1000	380	U			400	U	760	U	380	U	360	U
2,4-Dichlorophenol	120-83-2	2500000	4000	380	U			400	U	760	U	380	U	360	U
2,4-Dimethylphenol	105-67-9	2500000	28000	380	U			400	U	760	U	380	U	360	U
2,4-Dinitrophenol	51-28-5	2500000	2800	950	U			1000	U	1900	U	950	U	900	U
2,4-Dinitrotoluene	121-14-2	2500000	2800	380	U			400	U	760	U	380	U	360	U
2,6-Dinitrotoluene	606-20-2	2500000	1400	380	U			400	U	760	U	380	U	360	U
2-Chloronaphthalene	91-58-7	2500000	110000	380	U			400	U	760	U	380	U	360	U
2-Chlorophenol	95-57-8	2500000	7200	380	U			400	U	760	U	380	U	360	U
2-Methylnaphthalene	91-57-6	2500000	--	21	J			400	U	760	U	380	U	360	U
2-Methylphenol	95-48-7	2500000	70000	380	U			400	U	760	U	380	U	360	U
2-Nitroaniline	88-74-4	1200000	1650	950	U			1000	U	1900	U	950	U	900	U
2-Nitrophenol	88-75-5	2500000	11000	380	U			400	U	760	U	380	U	360	U
3,3'-Dichlorobenzidine	91-94-1	13000	330	380	U			400	U	760	UJ	380	U	360	U
3-Nitroaniline	99-09-2	2500000	4200	950	U			1000	U	1900	U	950	U	900	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	950	U			1000	U	1900	U	950	U	900	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	380	U			400	U	760	U	380	U	360	U
4-Chloro-3-Methylphenol	59-50-7	--	--	380	U			400	U	760	U	380	U	360	U
4-Chloroaniline	106-47-8	2500000	5600	380	U			400	U	760	U	380	U	360	U
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	380	U			400	U	760	U	380	U	360	U
4-Methylphenol	106-44-5	2500000	7000	380	U			400	U	760	U	380	U	360	U
4-Nitroaniline	100-01-6	2500000	4200	950	U			1000	U	1900	U	950	U	900	U
4-Nitrophenol	100-02-7	--	--	950	U			1000	U	1900	U	950	U	900	U
Acenaphthene	83-32-9	2500000	84000	26	J			400	U	130	J	380	U	360	U
Acenaphthylene	208-96-8	2500000	84000	170	J			400	U	760	U	380	U	360	U
Acetophenone	98-86-2	--	--	15	JB										
Anthracene	120-12-7	2500000	400000	190	J			400	U	220	J	380	U	46	J
Atrazine	1912-24-9	26000	200	380	U										
Benzaldehyde	100-52-7	--	--	380	U										
Benzo(A)Anthracene	56-55-3	7800	1000	590				90	J	**1800**		140	J	460	
Benzo(A)Pyrene	50-32-8	1000	1000	750				81	J	**1500**		110	J	350	J
Benzo(B)Fluoranthene	205-99-2	7800	1000	**1000**				100	J	**2700**		150	J	620	
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	620				70	J	1400		88	J	280	J
Benzo(K)Fluoranthene	207-08-9	78000	1000	840				120	J	**1300**		120	J	410	
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	380	U			400	U	760	U	380	U	360	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	380	U			400	U	760	U	380	U	360	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	230	JB			50	J	190	J	81	J	220	J
Butylbenzylphthalate	85-68-7	2500000	200000	50	J			400	U	90	J	380	U	360	U
Caprolactam	105-60-2	--	--	380	U										
Carbazole	86-74-8	290000	1000	110	J			400	U	390	J	380	U	97	J
Chrysene	218-01-9	780000	1000	**1000**				120	J	**2200**		180	J	600	
Dibenz(A,H)Anthracene	53-70-3	1000	1000	240	J			400	U	240	J	380	U	110	J
Dibenzofuran	132-64-9	2500000	5600	24	J			400	U	760	U	380	U	360	U
Diethylphthalate	84-66-2	1000000	1100000	380	U			400	U	760	U	380	U	360	U

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	0		0		0		0		0.5		0.5		0.5	
			Sample Location	SS26		SS26		SS-39		SS-40		SS-39		SS-40			
			Sample ID	SS-026~A0RG4-5A70~~102402		SS-026~AA26229~~102402		APK10		APK12		APK11		APK13			
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*			
			Bottom Depth	0.25		0.25		0.5		0.5		2		2			
			Sample Date	10/24/2002		10/24/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Dimethylphthalate	131-11-3	1000000	1100000	380	U			400	U	760	U	380	U	360	U		
Di-N-Butyl Phthalate	84-74-2	2500000	140000	15	J			400	U	760	U	380	U	360	U		
Di-N-Octyl Phthalate	117-84-0	2500000	20000	28	J			400	U	760	UJ	380	U	360	U		
Fluoranthene	206-44-0	2500000	56000	1700				270	J	4800		300	J	900			
Fluorene	86-73-7	2500000	56000	49	J			400	U	120	J	380	U	360	U		
Hexachlorobenzene	118-74-1	3600	1000	380	U			400	U	760	U	380	U	360	U		
Hexachlorobutadiene	87-68-3	--	--	380	U			400	U	760	U	380	U	360	U		
Hexachlorocyclopentadiene	77-47-4	2500000	9800	380	U			400	U	760	U	380	U	360	U		
Hexachloroethane	67-72-1	410000	1000	380	U			400	U	760	U	380	U	360	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	700				88	J	**1600**		97	J	340	J		
Isophorone	78-59-1	2500000	7400	380	U			400	U	760	U	380	U	360	U		
Naphthalene	91-20-3	2500000	56000	21	J	6	U	400	U	760	U	380	U	360	U		
Nitrobenzene	98-95-3	1000000	1000	380	U			400	U	760	U	380	U	360	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	380	U			400	U	760	U	380	U	360	U		
N-Nitrosodiphenylamine	86-30-6	1200000	1400	380	U												
Pentachlorophenol	87-86-5	48000	1000	950	U			1000	U	1900	U	950	U	900	U		
Phenanthrene	85-01-8	2500000	40000	830				100	J	1800		120	J	420			
Phenol	108-95-2	2500000	800000	380	U			400	U	760	U	380	U	360	U		
Pyrene	129-00-0	2500000	40000	1500				210	J	3900		280	J	860			

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	5		5		9		9		9		10		14	
			Sample Location	SB155		SB162		SB157		SB159		SB160		SB161		SB156	
			Sample ID	80018-SB155-0507		80018-SB162-0507		80018-SB157-0911		80018-SB159-0911		80018-SB160-0911		80018-SB161-1012		80018-DUP07-1416	
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*		E2*	
			Bottom Depth	7		7		11		11		11		12		16	
			Sample Date	10/25/2008		10/25/2008		11/1/2008		11/1/2008		11/1/2008		10/25/2008		10/25/2008	
			Sample Type	N		N		N		N		N		N		FD	
			Field Duplicate Parent													80018-SB156-1416	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	52	J	240	U	320	U	200	U	220	U	390	U	1800	J
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2,4,5-Trichlorophenol	95-95-4	2500000	140000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2,4,6-Trichlorophenol	88-06-2	520000	1000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2,4-Dichlorophenol	120-83-2	2500000	4000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2,4-Dimethylphenol	105-67-9	2500000	28000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2,4-Dinitrophenol	51-28-5	2500000	2800	380	U	470	U	620	UJ	380	UJ	420	UJ	750	U	15000	U
2,4-Dinitrotoluene	121-14-2	2500000	2800	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2,6-Dinitrotoluene	606-20-2	2500000	1400	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2-Chloronaphthalene	91-58-7	2500000	110000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2-Chlorophenol	95-57-8	2500000	7200	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2-Methylnaphthalene	91-57-6	2500000	--	160	J	240	U	320	U	200	U	220	U	100	J	5300	J
2-Methylphenol	95-48-7	2500000	70000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
2-Nitroaniline	88-74-4	1200000	1650	380	U	470	U	620	U	380	U	420	U	750	U	15000	U
2-Nitrophenol	88-75-5	2500000	11000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
3,3'-Dichlorobenzidine	91-94-1	13000	330	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
3-Nitroaniline	99-09-2	2500000	4200	380	U	470	U	620	U	380	U	420	U	750	U	15000	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	380	U	470	U	620	UJ	380	UJ	420	U	750	U	15000	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
4-Chloro-3-Methylphenol	59-50-7	--	--	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
4-Chloroaniline	106-47-8	2500000	5600	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
4-Methylphenol	106-44-5	2500000	7000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
4-Nitroaniline	100-01-6	2500000	4200	380	U	470	U	620	U	380	U	420	U	750	U	15000	U
4-Nitrophenol	100-02-7	--	--	380	U	470	U	620	U	380	U	420	U	750	U	15000	U
Acenaphthene	83-32-9	2500000	84000	550		240	U	320	U	200	U	220	U	390	U	23000	
Acenaphthylene	208-96-8	2500000	84000	180	J	240	U	320	U	200	U	220	U	390	U	7700	U
Acetophenone	98-86-2	--	--	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Anthracene	120-12-7	2500000	400000	1200		240	U	33	J	200	U	220	U	160	J	41000	
Atrazine	1912-24-9	26000	200	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Benzaldehyde	100-52-7	--	--	200	U	190	J	320	U	200	U	220	U	390	UJ	7700	U
Benzo(A)Anthracene	56-55-3	7800	1000	**2900**		240	U	180	J	24	J	55	J	250	J	**47000**	
Benzo(A)Pyrene	50-32-8	1000	1000	**3300**	D	240	U	180	J	200	U	56	J	260	J	**40000**	
Benzo(B)Fluoranthene	205-99-2	7800	1000	**4000**	D	240	UJ	230	J	200	U	97	J	390	J	**33000**	
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	380		240	U	69	J	200	U	220	UJ	40	J	32000	
Benzo(K)Fluoranthene	207-08-9	78000	1000	**2200**		240	U	160	J	200	U	58	J	340	J	**37000**	
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	200	U	30	JEB	60	J	41	J	56	J	390	U	1000	JEB
Butylbenzylphthalate	85-68-7	2500000	200000	200	U	240	U	320	U	200	U	27	EB	390	U	7700	U
Caprolactam	105-60-2	--	--	200	U	240	U	80	J	200	U	220	U	390	U	7700	U
Carbazole	86-74-8	290000	1000	440		240	U	320	U	200	U	220	U	390	U	**19000**	
Chrysene	218-01-9	780000	1000	**3100**		240	U	190	J	39	J	76	J	360	J	**46000**	
Dibenz(A,H)Anthracene	53-70-3	1000	1000	140	J	240	U	320	U	200	U	220	U	390	U	**8400**	
Dibenzofuran	132-64-9	2500000	5600	320		240	U	320	U	200	U	220	U	390	U	**14000**	
Diethylphthalate	84-66-2	1000000	1100000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	5		5		9		9		9		10		14	
			Sample Location	SB155		SB162		SB157		SB159		SB160		SB161		SB156	
			Sample ID	80018-SB155-0507		80018-SB162-0507		80018-SB157-0911		80018-SB159-0911		80018-SB160-0911		80018-SB161-1012		80018-DUP07-1416	
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*		E2*	
			Bottom Depth	7		7		11		11		11		12		16	
			Sample Date	10/25/2008		10/25/2008		11/1/2008		11/1/2008		11/1/2008		10/25/2008		10/25/2008	
			Sample Type	N		N		N		N		N		N		FD	
			Field Duplicate Parent													80018-SB156-1416	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Dimethylphthalate	131-11-3	1000000	1100000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Di-N-Butyl Phthalate	84-74-2	2500000	140000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Di-N-Octyl Phthalate	117-84-0	2500000	20000	200	U	240	U	320	UJ	200	UJ	220	U	390	U	7700	U
Fluoranthene	206-44-0	2500000	56000	8500	D	240	U	310	J	71	J	170	J	690		**130000**	D
Fluorene	86-73-7	2500000	56000	450		240	U	320	U	200	U	220	U	390	U	26000	
Hexachlorobenzene	118-74-1	3600	1000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Hexachlorobutadiene	87-68-3	--	--	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Hexachlorocyclopentadiene	77-47-4	2500000	9800	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Hexachloroethane	67-72-1	410000	1000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	500		240	U	62	J	200	U	220	U	42	J	**31000**	
Isophorone	78-59-1	2500000	7400	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Naphthalene	91-20-3	2500000	56000	400		240	U	320	U	200	U	220	U	60	J	9100	
Nitrobenzene	98-95-3	1000000	1000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
N-Nitrosodiphenylamine	86-30-6	1200000	1400	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Pentachlorophenol	87-86-5	48000	1000	380	U	470	U	620	U	380	U	420	U	750	U	15000	U
Phenanthrene	85-01-8	2500000	40000	4900	D	240	U	150	J	53	J	69	J	800		**140000**	D
Phenol	108-95-2	2500000	800000	200	U	240	U	320	U	200	U	220	U	390	U	7700	U
Pyrene	129-00-0	2500000	40000	4400	D	240	U	300	J	68	J	130	J	600		**87000**	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.	
			Top Depth	14		4		0		0		0		0		0.5	
			Sample Location	SB156		SB204		SB46		SS-14		SS15		SS15		SS-14	
			Sample ID	80018-SB156-1416		80018-SB204-0410-031		S-052104-JR-155		APJ57		SS-015~A0RG2-4DA70~~103102		SS-015~AA26580~~103102		APJ58	
			Risk Zone	E2*		E2*		H*		H*		H*		H*		H*	
			Bottom Depth	16		9		2		0.5		0.25		0.25		2	
			Sample Date	10/25/2008		3/31/2011		5/21/2004		4/27/1999		10/31/2002		10/31/2002		4/27/1999	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	2300	J	190	U					1500	U				
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400	7700	U	190	U										
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	7700	U	190	U	1400	UJ	390	UJ	1500	U			1100	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	7700	U	190	U										
2,4,5-Trichlorophenol	95-95-4	2500000	140000	7700	U	190	U	6600	UJ	980	U	3800	U			2800	U
2,4,6-Trichlorophenol	88-06-2	520000	1000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
2,4-Dichlorophenol	120-83-2	2500000	4000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
2,4-Dimethylphenol	105-67-9	2500000	28000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
2,4-Dinitrophenol	51-28-5	2500000	2800	15000	U	370	U	74	J	980	U	3800	U			2800	U
2,4-Dinitrotoluene	121-14-2	2500000	2800	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
2,6-Dinitrotoluene	606-20-2	2500000	1400	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
2-Chloronaphthalene	91-58-7	2500000	110000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
2-Chlorophenol	95-57-8	2500000	7200	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
2-Methylnaphthalene	91-57-6	2500000	--	6800	J	78	J	1400	UJ	390	U	1500	U			1100	U
2-Methylphenol	95-48-7	2500000	70000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
2-Nitroaniline	88-74-4	1200000	1650	15000	U	370	U	6600	UJ	980	U	3800	U			2800	U
2-Nitrophenol	88-75-5	2500000	11000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
3,3'-Dichlorobenzidine	91-94-1	13000	330	7700	U	190	U	2700	UJ	390	U	1500	U			1100	U
3-Nitroaniline	99-09-2	2500000	4200	15000	U	370	U	6600	UJ	980	U	3800	U			2800	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	15000	U	370	U	6600	UJ	980	U	3800	U			2800	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
4-Chloro-3-Methylphenol	59-50-7	--	--	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
4-Chloroaniline	106-47-8	2500000	5600	7700	U	190	U	1400	UJ	390	UJ	1500	U			1100	UJ
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	7700	U	190	U	6600	UJ	390	U	1500	U			1100	U
4-Methylphenol	106-44-5	2500000	7000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
4-Nitroaniline	100-01-6	2500000	4200	15000	U	370	U	1400	UJ	980	U	3800	U			2800	U
4-Nitrophenol	100-02-7	--	--	15000	U	370	U	1400	UJ	980	U	3800	U			2800	U
Acenaphthene	83-32-9	2500000	84000	26000		33	J	1400	UJ	390	U	93	J			330	J
Acenaphthylene	208-96-8	2500000	84000	7700	U	110	J	1400	UJ	63	J	220	J			330	J
Acetophenone	98-86-2	--	--	7700	U	58	J	1400	UJ			46	JB				
Anthracene	120-12-7	2500000	400000	50000		210		150	J	91	J	680	J			960	J
Atrazine	1912-24-9	26000	200	7700	U	190	U	1400	UJ			1500	U				
Benzaldehyde	100-52-7	--	--	7700	U	190	U	1400	UJ			77	J				
Benzo(A)Anthracene	56-55-3	7800	1000	**55000**		650		320	J	620		**3200**				**4000**	
Benzo(A)Pyrene	50-32-8	1000	1000	**47000**		620		320	J	660		**4300**				**3300**	
Benzo(B)Fluoranthene	205-99-2	7800	1000	**43000**		760		620	J	820		**5000**				**3800**	
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	38000		440		77	J	380	J	3200				2000	
Benzo(K)Fluoranthene	207-08-9	78000	1000	**38000**		630		1400	UJ	510		**4900**				**2300**	
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	1000	JEB	190	U	1400	UJ	670	U	930	JB			1100	U
Butylbenzylphthalate	85-68-7	2500000	200000	7700	U	190	U	1400	UJ	98	J	250	J			1100	U
Caprolactam	105-60-2	--	--	7700	U	190	U	1400	UJ			1500	U				
Carbazole	86-74-8	290000	1000	**23000**		110	J	1400	UJ	100	J	790	J			470	J
Chrysene	218-01-9	780000	1000	**53000**		740		310	J	**1100**		**5600**				**5000**	
Dibenz(A,H)Anthracene	53-70-3	1000	1000	**12000**		120	J	1400	UJ	97	J	**1200**	J			710	J
Dibenzofuran	132-64-9	2500000	5600	**16000**		190	U	6600	UJ	390	U	79	J			150	J
Diethylphthalate	84-66-2	1000000	1100000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.	
			Top Depth	14		4		0		0		0		0		0.5	
			Sample Location	SB156		SB204		SB46		SS-14		SS15		SS15		SS-14	
			Sample ID	80018-SB156-1416		80018-SB204-0410-031		S-052104-JR-155		APJ57		SS-015~A0RG2-4DA70~~103102		SS-015~AA26580~~103102		APJ58	
			Risk Zone	E2*		E2*		H*		H*		H*		H*		H*	
			Bottom Depth	16		9		2		0.5		0.25		0.25		2	
			Sample Date	10/25/2008		3/31/2011		5/21/2004		4/27/1999		10/31/2002		10/31/2002		4/27/1999	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Dimethylphthalate	131-11-3	1000000	1100000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
Di-N-Butyl Phthalate	84-74-2	2500000	140000	7700	U	190	U	1400	UJ	390	U	100	JB			1100	U
Di-N-Octyl Phthalate	117-84-0	2500000	20000	7700	U	190	U	1400	UJ	390	UJ	1500	U			1100	U
Fluoranthene	206-44-0	2500000	56000	**180000**	D	1600		500	J	1400		9000				8600	
Fluorene	86-73-7	2500000	56000	30000		86	J	2700	UJ	42	J	140	J			350	J
Hexachlorobenzene	118-74-1	3600	1000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
Hexachlorobutadiene	87-68-3	--	--	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
Hexachlorocyclopentadiene	77-47-4	2500000	9800	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
Hexachloroethane	67-72-1	410000	1000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	**37000**		530		89	J	510		**3800**				**2300**	
Isophorone	78-59-1	2500000	7400	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
Naphthalene	91-20-3	2500000	56000	11000		120	J	1400	UJ	390	U	1500	U	1	U	170	J
Nitrobenzene	98-95-3	1000000	1000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
N-Nitrosodiphenylamine	86-30-6	1200000	1400	7700	U	190	U	1400	UJ			1500	U				
Pentachlorophenol	87-86-5	48000	1000	15000	U	370	U	6600	UJ	980	U	3800	U			2800	U
Phenanthrene	85-01-8	2500000	40000	**180000**	D	1100		360	J	690		3500				5500	
Phenol	108-95-2	2500000	800000	7700	U	190	U	1400	UJ	390	U	1500	U			1100	U
Pyrene	129-00-0	2500000	40000	**100000**		1500		410	J	1600		7800				9000	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
			Top Depth	5.5		11.5		11.5		14		0		0.5		5	
			Sample Location	SB46		SB46		SB46		SB139		SB40		MW5		SB18	
			Sample ID	S-052104-JR-156		S-052104-JR-157		S-052104-JR-158		80018-SB139-1416		S-18281-051304-JR-033		S-052404-JR-166		SB18-05-10~H73GK242~~101702	
			Risk Zone	H*		H*		H*		H*		G*		G*		G*	
			Bottom Depth	7.5		15		15		16		2		1.5		10	
			Sample Date	5/21/2004		5/21/2004		5/21/2004		10/29/2008		5/13/2004		5/24/2004		10/17/2002	
			Sample Type	N		N		FD		N		N		N		N	
			Field Duplicate Parent					S-052104-JR-157									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--							48	J					390	U
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400							420	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--							420	U						
2,4,5-Trichlorophenol	95-95-4	2500000	140000	3500	UJ	4100	UJ	4300	UJ	420	U	3800	U	3600	U	980	U
2,4,6-Trichlorophenol	88-06-2	520000	1000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
2,4-Dichlorophenol	120-83-2	2500000	4000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
2,4-Dimethylphenol	105-67-9	2500000	28000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
2,4-Dinitrophenol	51-28-5	2500000	2800	3500	UJ	4100	UJ	4300	UJ	810	U	3800	UJ	3600	U	980	U
2,4-Dinitrotoluene	121-14-2	2500000	2800	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
2,6-Dinitrotoluene	606-20-2	2500000	1400	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
2-Chloronaphthalene	91-58-7	2500000	110000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
2-Chlorophenol	95-57-8	2500000	7200	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
2-Methylnaphthalene	91-57-6	2500000	--	240	J	840	UJ	880	UJ	190	J	110	J	100	J	45	J
2-Methylphenol	95-48-7	2500000	70000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
2-Nitroaniline	88-74-4	1200000	1650	3500	UJ	4100	UJ	4300	UJ	810	U	3800	U	3600	U	980	U
2-Nitrophenol	88-75-5	2500000	11000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
3,3'-Dichlorobenzidine	91-94-1	13000	330	1400	UJ	1700	UJ	1800	UJ	420	U	1600	UJ	1500	U	390	U
3-Nitroaniline	99-09-2	2500000	4200	3500	UJ	4100	UJ	4300	UJ	810	U	3800	U	3600	U	980	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	3500	UJ	4100	UJ	4300	UJ	810	U	3800	U	3600	U	980	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
4-Chloro-3-Methylphenol	59-50-7	--	--	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
4-Chloroaniline	106-47-8	2500000	5600	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
4-Methylphenol	106-44-5	2500000	7000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
4-Nitroaniline	100-01-6	2500000	4200	1400	UJ	1700	UJ	1800	UJ	810	U	1600	U	1500	U	980	U
4-Nitrophenol	100-02-7	--	--	3500	UJ	4100	UJ	4300	UJ	810	U	3800	U	3600	U	980	U
Acenaphthene	83-32-9	2500000	84000	310	J	840	UJ	880	UJ	530		64	J	740	U	390	U
Acenaphthylene	208-96-8	2500000	84000	140	J	72	J	75	J	160	J	210	J	140	J	390	U
Acetophenone	98-86-2	--	--	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	43	J
Anthracene	120-12-7	2500000	400000	760	J	65	J	81	J	970		220	J	120	J	46	J
Atrazine	1912-24-9	26000	200	720	UJ	840	UJ	880	UJ	420	U	780	U	740	UJ	390	U
Benzaldehyde	100-52-7	--	--	720	UJ	840	UJ	880	UJ	420	U	780	UJ	130	J	390	U
Benzo(A)Anthracene	56-55-3	7800	1000	**2000**	J	170	J	190	J	**1900**		660	J	480	J	210	J
Benzo(A)Pyrene	50-32-8	1000	1000	**1900**	J	200	J	200	J	**1500**		690	J	390	J	120	J
Benzo(B)Fluoranthene	205-99-2	7800	1000	**2400**	J	230	J	430	J	**2700**		920		540	J	200	J
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	420	J	140	J	52	J	300	J	230	J	280	J	54	J
Benzo(K)Fluoranthene	207-08-9	78000	1000	**1700**	J	200	J	880	UJ	**2000**		630	J	410	J	120	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	720	UJ	150	J	130	J	370	BJ	780	U	130	J	530	
Butylbenzylphthalate	85-68-7	2500000	200000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Caprolactam	105-60-2	--	--	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Carbazole	86-74-8	290000	1000	430	J	840	UJ	880	UJ	570		130	J	59	J	390	U
Chrysene	218-01-9	780000	1000	**2300**	J	240	J	260	J	**2100**		**1300**		770		270	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	270	J	840	UJ	880	UJ	110	J	170	J	130	J	390	U
Dibenzofuran	132-64-9	2500000	5600	260	J	840	UJ	880	UJ	290	J	120	J	42	J	390	U
Diethylphthalate	84-66-2	1000000	1100000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
			Top Depth	5.5		11.5		11.5		14		0		0.5		5	
			Sample Location	SB46		SB46		SB46		SB139		SB40		MW5		SB18	
			Sample ID	S-052104-JR-156		S-052104-JR-157		S-052104-JR-158		80018-SB139-1416		S-18281-051304-JR-033		S-052404-JR-166		SB18-05-10~H73GK242~~101702	
			Risk Zone	H*		H*		H*		H*		G*		G*		G*	
			Bottom Depth	7.5		15		15		16		2		1.5		10	
			Sample Date	5/21/2004		5/21/2004		5/21/2004		10/29/2008		5/13/2004		5/24/2004		10/17/2002	
			Sample Type	N		N		FD		N		N		N		N	
			Field Duplicate Parent					S-052104-JR-157									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Dimethylphthalate	131-11-3	1000000	1100000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Di-N-Butyl Phthalate	84-74-2	2500000	140000	720	UJ	840	UJ	880	UJ	420	U	34	J	48	J	51	J
Di-N-Octyl Phthalate	117-84-0	2500000	20000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Fluoranthene	206-44-0	2500000	56000	4500	J	360	J	440	J	4900	D	1700		1100		510	
Fluorene	86-73-7	2500000	56000	470	J	840	UJ	880	UJ	540		97	J	54	J	390	U
Hexachlorobenzene	118-74-1	3600	1000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Hexachlorobutadiene	87-68-3	--	--	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Hexachlorocyclopentadiene	77-47-4	2500000	9800	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Hexachloroethane	67-72-1	410000	1000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	490	J	110	J	55	J	330	J	280	J	250	J	61	J
Isophorone	78-59-1	2500000	7400	3000	J	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Naphthalene	91-20-3	2500000	56000	120	J	840	UJ	880	UJ	490		780	U	88	J	390	U
Nitrobenzene	98-95-3	1000000	1000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
N-Nitrosodiphenylamine	86-30-6	1200000	1400	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Pentachlorophenol	87-86-5	48000	1000	3500	UJ	4100	UJ	4300	UJ	810	U	3800	U	3600	U	980	U
Phenanthrene	85-01-8	2500000	40000	3600	J	190	J	270	J	3600		1400		650	J	340	J
Phenol	108-95-2	2500000	800000	720	UJ	840	UJ	880	UJ	420	U	780	U	740	U	390	U
Pyrene	129-00-0	2500000	40000	3800	J	330	J	410	J	4900		1100		750		320	J

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
			Top Depth	6		10		12		5		5		4	
			Sample Location	SB18		SB18		SB18		SB119		SB120		SB197	
			Sample ID	SB18-6-7~AA26112~~100902		SB18-10-20~H73GK236~~101702		SB18-12-13~AA26113~~100902		80018-SB119-0507		80018-SB120-0507		80018-SB197-0410-0311	
			Risk Zone	G*		G*		G*		G*		G*		G*	
			Bottom Depth	7		20		13		7		7		9	
			Sample Date	10/9/2002		10/17/2002		10/9/2002		10/23/2008		10/23/2008		3/29/2011	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			280	J			200	U	180	U	55	J
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400							200	U	180	U	220	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400			2300	U			200	U	180	U	220	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--							200	U	180	U	220	U
2,4,5-Trichlorophenol	95-95-4	2500000	140000			5800	U			200	U	180	U	220	U
2,4,6-Trichlorophenol	88-06-2	520000	1000			2300	U			200	U	180	U	220	U
2,4-Dichlorophenol	120-83-2	2500000	4000			2300	U			200	U	180	U	220	U
2,4-Dimethylphenol	105-67-9	2500000	28000			2300	U			200	U	180	U	220	U
2,4-Dinitrophenol	51-28-5	2500000	2800			5800	U			400	U	350	U	430	U
2,4-Dinitrotoluene	121-14-2	2500000	2800			2300	U			200	U	180	U	220	U
2,6-Dinitrotoluene	606-20-2	2500000	1400			2300	U			200	U	180	U	220	U
2-Chloronaphthalene	91-58-7	2500000	110000			2300	U			200	U	180	U	220	U
2-Chlorophenol	95-57-8	2500000	7200			2300	U			200	U	180	U	220	U
2-Methylnaphthalene	91-57-6	2500000	--			1000	J			34	J	30	J	170	J
2-Methylphenol	95-48-7	2500000	70000			2300	U			200	U	180	U	220	U
2-Nitroaniline	88-74-4	1200000	1650			5800	U			400	U	350	U	430	U
2-Nitrophenol	88-75-5	2500000	11000			2300	U			200	U	180	U	220	U
3,3'-Dichlorobenzidine	91-94-1	13000	330			2300	U				R	180	U	220	U
3-Nitroaniline	99-09-2	2500000	4200			5800	U			400	U	350	U	430	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			5800	U			400	U	350	U	430	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000			2300	U			200	U	180	U	220	U
4-Chloro-3-Methylphenol	59-50-7	--	--			2300	U			200	U	180	U	220	U
4-Chloroaniline	106-47-8	2500000	5600			2300	U				R	180	U	220	U
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000			2300	U			200	U	180	U	220	U
4-Methylphenol	106-44-5	2500000	7000			2300	U			200	U	180	U	220	U
4-Nitroaniline	100-01-6	2500000	4200			5800	U			400	U	350	U	430	U
4-Nitrophenol	100-02-7	--	--			5800	U			400	U	350	U	430	U
Acenaphthene	83-32-9	2500000	84000			4600				200	U	97	J	78	J
Acenaphthylene	208-96-8	2500000	84000			390	J			62	J	49	J	220	U
Acetophenone	98-86-2	--	--			2300	U			33	J	180	U	220	U
Anthracene	120-12-7	2500000	400000			12000				43	J	210		350	
Atrazine	1912-24-9	26000	200			2300	U			200	U	180	U	220	U
Benzaldehyde	100-52-7	--	--			2300	U			200	U	180	U	81	J
Benzo(A)Anthracene	56-55-3	7800	1000			**17000**	D			280	J	550		**1300**	
Benzo(A)Pyrene	50-32-8	1000	1000			**14000**				290		560		**1000**	
Benzo(B)Fluoranthene	205-99-2	7800	1000			**11000**				800		**1100**	J	**1500**	
Benzo(G,H,I)Perylene	191-24-2	2500000	42000			5800				72	J	110	J	620	
Benzo(K)Fluoranthene	207-08-9	78000	1000			**11000**				470		610		**1100**	
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			2300	U			200	U	180	U	220	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400			2300	U			200	U	180	U	220	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000			2300	U			200	U	180	U	220	U
Butylbenzylphthalate	85-68-7	2500000	200000			2300	U			200	U	180	U	220	U
Caprolactam	105-60-2	--	--			2300	U			200	U	180	U	220	U
Carbazole	86-74-8	290000	1000			**4400**				24	J	65	J	250	
Chrysene	218-01-9	780000	1000			**16000**	D			560	J	690		**1700**	
Dibenz(A,H)Anthracene	53-70-3	1000	1000			**2100**	J			28	J	34	J	270	
Dibenzofuran	132-64-9	2500000	5600			3300				22	J	100	J	220	U
Diethylphthalate	84-66-2	1000000	1100000			2300	U			200	U	180	U	220	U

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
			Top Depth	6		10		12		5		5		4	
			Sample Location	SB18		SB18		SB18		SB119		SB120		SB197	
			Sample ID	SB18-6-7~AA26112~~100902		SB18-10-20~H73GK236~~101702		SB18-12-13~AA26113~~100902		80018-SB119-0507		80018-SB120-0507		80018-SB197-0410-0311	
			Risk Zone	G*		G*		G*		G*		G*		G*	
			Bottom Depth	7		20		13		7		7		9	
			Sample Date	10/9/2002		10/17/2002		10/9/2002		10/23/2008		10/23/2008		3/29/2011	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Dimethylphthalate	131-11-3	1000000	1100000			2300	U			200	U	180	U	220	U
Di-N-Butyl Phthalate	84-74-2	2500000	140000			2300	U			530		180	U	220	U
Di-N-Octyl Phthalate	117-84-0	2500000	20000			2300	U			200	U	180	U	220	U
Fluoranthene	206-44-0	2500000	56000			38000	D			620	J	2300		3000	
Fluorene	86-73-7	2500000	56000			5100				200	U	47	J	110	J
Hexachlorobenzene	118-74-1	3600	1000			2300	U			200	U	180	U	220	U
Hexachlorobutadiene	87-68-3	--	--			2300	U			200	U	180	U	220	U
Hexachlorocyclopentadiene	77-47-4	2500000	9800			2300	U				R	180	U	220	U
Hexachloroethane	67-72-1	410000	1000			2300	U			200	U	180	U	220	U
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000			**6900**				78	J	110	J	870	
Isophorone	78-59-1	2500000	7400			2300	U			200	U	180	U	220	U
Naphthalene	91-20-3	2500000	56000	100	B	1600	J	130	JB	38	J	180	U	68	J
Nitrobenzene	98-95-3	1000000	1000			2300	U			200	U	180	U	220	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			2300	U			200	U	180	U	220	U
N-Nitrosodiphenylamine	86-30-6	1200000	1400			2300	U			200	U	180	U	220	U
Pentachlorophenol	87-86-5	48000	1000			5800	U			400	U	350	U	430	U
Phenanthrene	85-01-8	2500000	40000			35000	D			250		1500		2000	
Phenol	108-95-2	2500000	800000			2300	U			200	U	180	U	220	U
Pyrene	129-00-0	2500000	40000			**41000**	D			280	J	1000		2700	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	235 Meriden Rd.		263 Meriden Rd.		263 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Mer
			Top Depth	10		0		9		0		0		0		4		5
			Sample Location	SB40		SS113		SB121		SB39		SS23		SS23		SB198		SB
			Sample ID	S-18281-051304-JR-035		80018-SS113-0002		80018-SB121-0913		S-071504-DK-200		SS-023~A0RG2-9B70~~103102		SS-023~AA26581~~103102		80018-SB198-0410-0311		S-07150
			Risk Zone	G*		D3*		D3*		G*		G*		G*		G*		G
			Bottom Depth	15		2		13		2		0.25		0.25		9		1
			Sample Date	5/13/2004		10/22/2008		10/22/2008		7/15/2004		10/31/2002		10/31/2002		3/28/2011		7/15/
			Sample Type	N		N		N		N		N		N		N		N
			Field Duplicate Parent															
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
1,1'-Biphenyl	92-52-4	--	--			180	U	200	U			390	U			200	U	
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400			180	U	200	U							200	U	
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	340	U	180	U	200	U	1400	U	390	U			200	U	1500
2,3,4,6-Tetrachlorophenol	58-90-2	--	--			180	U	200	U							200	U	
2,4,5-Trichlorophenol	95-95-4	2500000	140000	1700	U	180	U	200	U	6600	U	980	U			200	U	7400
2,4,6-Trichlorophenol	88-06-2	520000	1000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
2,4-Dichlorophenol	120-83-2	2500000	4000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
2,4-Dimethylphenol	105-67-9	2500000	28000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
2,4-Dinitrophenol	51-28-5	2500000	2800	1700	UJ	350	U	390	U	6600	U	980	U			380	U	7400
2,4-Dinitrotoluene	121-14-2	2500000	2800	340	U	180	UJ	200	UJ	1400	U	390	U			200	U	1500
2,6-Dinitrotoluene	606-20-2	2500000	1400	340	U	180	U	200	U	1400	U	390	U			200	U	1500
2-Chloronaphthalene	91-58-7	2500000	110000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
2-Chlorophenol	95-57-8	2500000	7200	340	U	180	U	200	U	1400	U	390	U			200	U	1500
2-Methylnaphthalene	91-57-6	2500000	--	340	U	180	U	200	U	1400	U	34	J			41	J	420
2-Methylphenol	95-48-7	2500000	70000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
2-Nitroaniline	88-74-4	1200000	1650	1700	U	350	U	390	U	6600	U	980	U			380	U	7400
2-Nitrophenol	88-75-5	2500000	11000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
3,3'-Dichlorobenzidine	91-94-1	13000	330	690	UJ	180	U	200	U	2700	U	390	U			200	U	3000
3-Nitroaniline	99-09-2	2500000	4200	1700	U	350	U	390	U	6600	U	980	U			380	U	7400
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1700	U	350	U	390	U	6600	U	980	U			380	U	7400
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
4-Chloro-3-Methylphenol	59-50-7	--	--	340	U	180	U	200	U	1400	U	390	U			200	U	1500
4-Chloroaniline	106-47-8	2500000	5600	340	U	180	U	200	U	1400	U	390	U			200	U	1500
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
4-Methylphenol	106-44-5	2500000	7000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
4-Nitroaniline	100-01-6	2500000	4200	690	U	350	U	390	U	2700	U	980	U			380	U	3000
4-Nitrophenol	100-02-7	--	--	1700	U	350	U	390	U	6600	U	980	U			380	U	7400
Acenaphthene	83-32-9	2500000	84000	340	U	180	U	200	U	1400	U	33	J			200	U	1500
Acenaphthylene	208-96-8	2500000	84000	340	U	180	U	200	U	1400	U	12	J			200	U	1500
Acetophenone	98-86-2	--	--	340	U	22	J	72	J	1400	U	390	U			200	U	1500
Anthracene	120-12-7	2500000	400000	340	U	180	U	200	U	1400	U	82	J			40	J	1500
Atrazine	1912-24-9	26000	200	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Benzaldehyde	100-52-7	--	--	340	UJ	180	U	200	U	1400	UJ	390	U			200	U	1500
Benzo(A)Anthracene	56-55-3	7800	1000	340	U	180	U	70	J	740	J	810				160	J	300
Benzo(A)Pyrene	50-32-8	1000	1000	340	U	22	J	45	J	830	J	920				130	J	250
Benzo(B)Fluoranthene	205-99-2	7800	1000	340	U	26	J	87	J	930	J	790				180	J	1500
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	340	U	180	U	200	U	740	J	380	J			74	J	230
Benzo(K)Fluoranthene	207-08-9	78000	1000	340	U	21	J	69	J	720	J	910				170	J	280
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	340	U	180	U	200	U	1400	U	49	JB			200	U	1500
Butylbenzylphthalate	85-68-7	2500000	200000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Caprolactam	105-60-2	--	--	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Carbazole	86-74-8	290000	1000	340	U	180	U	200	U	1400	U	100	J			200	U	1500
Chrysene	218-01-9	780000	1000	340	U	19	J	200	J	**1000**	J	**1100**				320		630
Dibenz(A,H)Anthracene	53-70-3	1000	1000	340	U	180	U	200	U	250	J	160	J			200	U	1500
Dibenzofuran	132-64-9	2500000	5600	340	U	180	U	200	U	1400	U	16	J			200	U	1500
Diethylphthalate	84-66-2	1000000	1100000	340	U	180	U	200	U	1400	U	390	U			200	U	1500

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	235 Meriden Rd.		263 Meriden Rd.		263 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Mer
			Top Depth	10		0		9		0		0		0		4		5
			Sample Location	SB40		SS113		SB121		SB39		SS23		SS23		SB198		SB
			Sample ID	S-18281-051304-JR-035		80018-SS113-0002		80018-SB121-0913		S-071504-DK-200		SS-023~A0RG2-9B70~~103102		SS-023~AA26581~~103102		80018-SB198-0410-0311		S-07150
			Risk Zone	G*		D3*		D3*		G*		G*		G*		G*		G
			Bottom Depth	15		2		13		2		0.25		0.25		9		1
			Sample Date	5/13/2004		10/22/2008		10/22/2008		7/15/2004		10/31/2002		10/31/2002		3/28/2011		7/15/
			Sample Type	N		N		N		N		N		N		N		N
			Field Duplicate Parent															
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
Dimethylphthalate	131-11-3	1000000	1100000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Di-N-Butyl Phthalate	84-74-2	2500000	140000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Di-N-Octyl Phthalate	117-84-0	2500000	20000	340	U	180	UJ	200	UJ	1400	U	390	U			200	U	1500
Fluoranthene	206-44-0	2500000	56000	340	U	27	J	160	J	1900		1300				360		690
Fluorene	86-73-7	2500000	56000	340	U	180	U	200	U	1400	U	25	J			200	U	1500
Hexachlorobenzene	118-74-1	3600	1000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Hexachlorobutadiene	87-68-3	--	--	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Hexachlorocyclopentadiene	77-47-4	2500000	9800	340	U	180	UJ	200	U	1400	U	390	U			200	U	1500
Hexachloroethane	67-72-1	410000	1000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	340	U	180	U	200	U	570	J	490				97	J	190
Isophorone	78-59-1	2500000	7400	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Naphthalene	91-20-3	2500000	56000	340	U	180	U	20	J	1400	U	15	J	1	U	200	U	1500
Nitrobenzene	98-95-3	1000000	1000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
N-Nitrosodiphenylamine	86-30-6	1200000	1400	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Pentachlorophenol	87-86-5	48000	1000	1700	U	350	U	390	U	6600	U	980	U			380	U	7400
Phenanthrene	85-01-8	2500000	40000	340	U	180	U	170	J	1100	J	410				290		910
Phenol	108-95-2	2500000	800000	340	U	180	U	200	U	1400	U	390	U			200	U	1500
Pyrene	129-00-0	2500000	40000	340	U	20	J	120	J	1800		1100				330		600

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	den Rd.	265 Meriden Rd.		281 Meriden Rd.		281 Meriden Rd.		281 Meriden Rd.		299 Meriden Rd.		50 Store Ave.	
			Top Depth	5	10		0		5		4		5		0	
			Sample Location	39	SB39		SS114		SB122		SB199		SB123		MW4D	
			Sample ID	4-DK-201	S-071504-DK-202		80018-SS114-0002		80018-SB122-0507		80018-SB199-0410-0311		80018-SB123-0507		S-052004-JR-146	
			Risk Zone	*	G*		D3*		D3*		D3*		D3*		I*	
			Bottom Depth	0	15		2		7		9		7		2	
			Sample Date	2004	7/15/2004		10/23/2008		10/22/2008		3/28/2011		10/22/2008		5/20/2004	
			Sample Type	N	N		N		N		N		N		N	
			Field Duplicate Parent													
			Unit	kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--				180	U	190	U	210	U	170	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400				180	U	190	U	210	U	170	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	U	730	U	180	U	190	U	210	U	170	U	2700	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--				180	U	190	U	210	U	170	U		
2,4,5-Trichlorophenol	95-95-4	2500000	140000	U	3600	U	180	U	190	U	210	U	170	U	13000	U
2,4,6-Trichlorophenol	88-06-2	520000	1000	U	730	U	180	U	190	U	210	U	170	U	2700	U
2,4-Dichlorophenol	120-83-2	2500000	4000	U	730	U	180	U	190	U	210	U	170	U	2700	U
2,4-Dimethylphenol	105-67-9	2500000	28000	U	730	U	180	U	190	U	210	U	170	U	2700	U
2,4-Dinitrophenol	51-28-5	2500000	2800	U	3600	U	350	U	370	U	410	U	340	U	13000	U
2,4-Dinitrotoluene	121-14-2	2500000	2800	U	730	U	180	UJ	190	U	210	U	170	UJ	2700	U
2,6-Dinitrotoluene	606-20-2	2500000	1400	U	730	U	180	U	190	U	210	U	170	U	2700	U
2-Chloronaphthalene	91-58-7	2500000	110000	U	730	U	180	U	190	U	210	U	170	U	2700	U
2-Chlorophenol	95-57-8	2500000	7200	U	730	U	180	U	190	U	210	U	170	U	2700	U
2-Methylnaphthalene	91-57-6	2500000	--	J	730	U	180	U	37	J	210	U	47	J	2700	U
2-Methylphenol	95-48-7	2500000	70000	U	730	U	180	U	190	U	210	U	170	U	2700	U
2-Nitroaniline	88-74-4	1200000	1650	U	3600	U	350	U	370	U	410	U	340	U	13000	U
2-Nitrophenol	88-75-5	2500000	11000	U	730	U	180	U	190	U	210	U	170	U	2700	U
3,3'-Dichlorobenzidine	91-94-1	13000	330	U	1500	U	180	U	190	U	210	U	170	U	5300	U
3-Nitroaniline	99-09-2	2500000	4200	U	3600	U	350	U	370	U	410	U	340	U	13000	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	U	3600	U	350	U	370	U	410	U	340	U	13000	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	U	730	U	180	U	190	U	210	U	170	U	2700	U
4-Chloro-3-Methylphenol	59-50-7	--	--	U	730	U	180	U	190	U	210	U	170	U	2700	U
4-Chloroaniline	106-47-8	2500000	5600	U	730	U	180	U	190	U	210	U	170	U	2700	U
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	U	730	U	180	U	190	U	210	U	170	U	2700	U
4-Methylphenol	106-44-5	2500000	7000	U	730	U	180	U	190	U	210	U	170	U	2700	U
4-Nitroaniline	100-01-6	2500000	4200	U	1500	U	350	U	370	U	410	U	340	U	5300	U
4-Nitrophenol	100-02-7	--	--	U	3600	U	350	U	370	U	410	U	340	U	13000	U
Acenaphthene	83-32-9	2500000	84000	U	730	U	180	U	23	J	210	U	170	U	530	J
Acenaphthylene	208-96-8	2500000	84000	U	730	U	970		78	J	210	U	41	J	420	J
Acetophenone	98-86-2	--	--	U	730	U	51	J	190	U	210	U	20	J	2700	U
Anthracene	120-12-7	2500000	400000	U	730	U	230		88	J	210	U	29	J	1900	J
Atrazine	1912-24-9	26000	200	U	730	U	180	U	190	U	210	U	170	U	2700	U
Benzaldehyde	100-52-7	--	--	UJ	730	UJ	180	U	190	U	210	U	170	U	2700	UJ
Benzo(A)Anthracene	56-55-3	7800	1000	J	350	J	**2500**		520		210	U	110	J	**4400**	
Benzo(A)Pyrene	50-32-8	1000	1000	J	430	J	**3400**	D	580		210	U	130	J	**4300**	
Benzo(B)Fluoranthene	205-99-2	7800	1000	U	380	J	**3200**	D	720	J	210	U	210		**7300**	
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	J	360	J	630		97	J	210	U	38	J	980	J
Benzo(K)Fluoranthene	207-08-9	78000	1000	J	380	J	**2500**		660		210	U	130	J	2700	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	U	730	U	180	U	190	U	210	U	170	U	2700	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	U	730	U	180	U	190	U	210	U	170	U	2700	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	U	730	U	180	U	190	U	210	U	170	U	2700	U
Butylbenzylphthalate	85-68-7	2500000	200000	U	730	U	180	U	190	U	210	U	170	U	2700	U
Caprolactam	105-60-2	--	--	U	730	U	180	U	190	U	210	U	170	U	2700	U
Carbazole	86-74-8	290000	1000	U	730	U	39	J	45	J	210	U	170	U	810	J
Chrysene	218-01-9	780000	1000	J	450	J	**3300**	D	630		210	U	180		**4900**	
Dibenz(A,H)Anthracene	53-70-3	1000	1000	U	730	U	250		38	J	210	U	170	U	560	J
Dibenzofuran	132-64-9	2500000	5600	U	730	U	180	U	190	U	210	U	170	U	460	J
Diethylphthalate	84-66-2	1000000	1100000	U	730	U	180	U	190	U	210	U	170	U	2700	U

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	den Rd.	265 Meriden Rd.		281 Meriden Rd.		281 Meriden Rd.		281 Meriden Rd.		299 Meriden Rd.		50 Store Ave.	
			Top Depth	5	10		0		5		4		5		0	
			Sample Location	-39	SB39		SS114		SB122		SB199		SB123		MW4D	
			Sample ID	4-DK-201	S-071504-DK-202		80018-SS114-0002		80018-SB122-0507		80018-SB199-0410-0311		80018-SB123-0507		S-052004-JR-146	
			Risk Zone	-*	G*		D3*		D3*		D3*		D3*		I*	
			Bottom Depth	0	15		2		7		9		7		2	
			Sample Date	2004	7/15/2004		10/23/2008		10/22/2008		3/28/2011		10/22/2008		5/20/2004	
			Sample Type	N	N		N		N		N		N		N	
			Field Duplicate Parent													
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Dimethylphthalate	131-11-3	1000000	1100000	U	730	U	180	U	190	U	210	U	170	U	2700	U
Di-N-Butyl Phthalate	84-74-2	2500000	140000	U	730	U	180	U	190	U	210	U	170	U	2700	U
Di-N-Octyl Phthalate	117-84-0	2500000	20000	U	730	U	180	UJ	190	U	210	U	170	UJ	2700	U
Fluoranthene	206-44-0	2500000	56000	J	830		2500		1200		210	U	290		11000	
Fluorene	86-73-7	2500000	56000	U	730	U	180	U	21	J	210	U	170	U	520	J
Hexachlorobenzene	118-74-1	3600	1000	U	730	U	180	U	190	U	210	U	170	U	2700	U
Hexachlorobutadiene	87-68-3	--	--	U	730	U	180	U	190	U	210	U	170	U	2700	U
Hexachlorocyclopentadiene	77-47-4	2500000	9800	U	730	U	180	UJ	190	U	210	U	170	UJ	2700	U
Hexachloroethane	67-72-1	410000	1000	U	730	U	180	U	190	U	210	U	170	U	2700	UJ
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	J	290	J	750		110	J	210	U	41	J	**1100**	J
Isophorone	78-59-1	2500000	7400	U	730	U	180	U	190	U	210	U	170	U	2700	U
Naphthalene	91-20-3	2500000	56000	U	730	U	28	J	24	J	210	U	170	U	2700	U
Nitrobenzene	98-95-3	1000000	1000	U	730	U	180	U	190	U	210	U	170	U	2700	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	U	730	U	180	U	190	U	210	U	170	U	2700	U
N-Nitrosodiphenylamine	86-30-6	1200000	1400	U	730	U	180	U	190	U	210	U	170	U	2700	U
Pentachlorophenol	87-86-5	48000	1000	U	3600	U	350	U	370	U	410	U	340	U	13000	U
Phenanthrene	85-01-8	2500000	40000	J	580	J	330		450		210	U	140	J	8400	
Phenol	108-95-2	2500000	800000	U	730	U	180	U	190	U	210	U	170	U	2700	U
Pyrene	129-00-0	2500000	40000	J	880		2000		790		210	U	210		8300	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	0		0		0		0		0			
			Sample Location	SB31		SB34		SB35		SS24		SS24			
			Sample ID	SB31-00-05~A0RG4-16A70~~102102		SB34-00-05~A0RG4-18A70~~102202		SB35-00-05~A0SE5-7A70~~102202		SS-024~A0RG2-10B70~~103102		SS-024~AA26582~~103102			
			Risk Zone	I*		I*		I*		I*		I*			
			Bottom Depth	5		5		5		0.25		0.25			
			Sample Date	10/21/2002		10/22/2002		10/22/2002		10/31/2002		10/31/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	400	U	340	U	410	U	380	U				
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	400	U	340	U	410	U	380	U				
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	2500000	140000	1000	U	860	U	1000	U	940	U				
2,4,6-Trichlorophenol	88-06-2	520000	1000	400	U	340	U	410	U	380	U				
2,4-Dichlorophenol	120-83-2	2500000	4000	400	U	340	U	410	U	380	U				
2,4-Dimethylphenol	105-67-9	2500000	28000	400	U	340	U	410	U	380	U				
2,4-Dinitrophenol	51-28-5	2500000	2800	1000	U	860	U	1000	U	940	U				
2,4-Dinitrotoluene	121-14-2	2500000	2800	400	U	340	U	410	U	380	U				
2,6-Dinitrotoluene	606-20-2	2500000	1400	400	U	340	U	410	U	380	U				
2-Chloronaphthalene	91-58-7	2500000	110000	400	U	340	U	410	U	380	U				
2-Chlorophenol	95-57-8	2500000	7200	400	U	340	U	410	U	380	U				
2-Methylnaphthalene	91-57-6	2500000	--	15	J	340	U	410	U	380	U				
2-Methylphenol	95-48-7	2500000	70000	400	U	340	U	410	U	380	U				
2-Nitroaniline	88-74-4	1200000	1650	1000	U	860	U	1000	U	940	U				
2-Nitrophenol	88-75-5	2500000	11000	400	U	340	U	410	U	380	U				
3,3'-Dichlorobenzidine	91-94-1	13000	330	400	U	340	U	410	U	380	U				
3-Nitroaniline	99-09-2	2500000	4200	1000	U	860	U	1000	U	940	U				
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1000	U	860	U	1000	U	940	U				
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	400	U	340	U	410	U	380	U				
4-Chloro-3-Methylphenol	59-50-7	--	--	400	U	340	U	410	U	380	U				
4-Chloroaniline	106-47-8	2500000	5600	400	U	340	U	410	U	380	U				
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	400	U	340	U	410	U	380	U				
4-Methylphenol	106-44-5	2500000	7000	400	U	340	U	410	U	380	U				
4-Nitroaniline	100-01-6	2500000	4200	1000	U	860	U	1000	U	940	U				
4-Nitrophenol	100-02-7	--	--	1000	U	860	U	1000	U	940	U				
Acenaphthene	83-32-9	2500000	84000	400	U	340	U	20	J	20	J				
Acenaphthylene	208-96-8	2500000	84000	380	J	340	U	59	J	16	J				
Acetophenone	98-86-2	--	--	400	U	340	U	82	J	990	B				
Anthracene	120-12-7	2500000	400000	300	J	10	J	64	J	55	J				
Atrazine	1912-24-9	26000	200	400	U	340	U	410	U	380	U				
Benzaldehyde	100-52-7	--	--	400	U	340	U	54	J	460					
Benzo(A)Anthracene	56-55-3	7800	1000	880		35	J	170	J	490					
Benzo(A)Pyrene	50-32-8	1000	1000	**1100**		32	J	200	J	560					
Benzo(B)Fluoranthene	205-99-2	7800	1000	**1100**		31	J	250	J	620					
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	620		340	U	160	J	280	J				
Benzo(K)Fluoranthene	207-08-9	78000	1000	**1200**		38	J	200	J	550					
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	400	U	340	U	410	U	380	U				
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	400	U	340	U	410	U	380	U				
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	290	JB	270	JB	240	JB	330	JB				
Butylbenzylphthalate	85-68-7	2500000	200000	400	U	340	U	410	U	380	U				
Caprolactam	105-60-2	--	--	400	U	340	U	410	U	380	U				
Carbazole	86-74-8	290000	1000	59	J	340	U	31	J	73	J				
Chrysene	218-01-9	780000	1000	**1400**		44	J	230	J	660					
Dibenz(A,H)Anthracene	53-70-3	1000	1000	210	J	340	U	58	J	100	J				
Dibenzofuran	132-64-9	2500000	5600	14	J	340	U	12	J	8	J				
Diethylphthalate	84-66-2	1000000	1100000	400	U	390		990		380	U				

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	0		0		0		0		0			
			Sample Location	SB31		SB34		SB35		SS24		SS24			
			Sample ID	SB31-00-05~A0RG4-16A70~~102102		SB34-00-05~A0RG4-18A70~~102202		SB35-00-05~A0SE5-7A70~~102202		SS-024~A0RG2-10B70~~103102		SS-024~AA26582~~103102			
			Risk Zone	I*		I*		I*		I*		I*			
			Bottom Depth	5		5		5		0.25		0.25			
			Sample Date	10/21/2002		10/22/2002		10/22/2002		10/31/2002		10/31/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Dimethylphthalate	131-11-3	1000000	1100000	400	U	340	U	410	U	380	U				
Di-N-Butyl Phthalate	84-74-2	2500000	140000	400	U	340	U	410	U	17	JB				
Di-N-Octyl Phthalate	117-84-0	2500000	20000	81	J	340	U	410	U	380	U				
Fluoranthene	206-44-0	2500000	56000	2300		61	J	390	J	830					
Fluorene	86-73-7	2500000	56000	400	U	340	U	21	J	13	J				
Hexachlorobenzene	118-74-1	3600	1000	400	U	340	U	410	U	380	U				
Hexachlorobutadiene	87-68-3	--	--	400	U	340	U	410	U	380	U				
Hexachlorocyclopentadiene	77-47-4	2500000	9800	400	U	340	U	410	U	380	U				
Hexachloroethane	67-72-1	410000	1000	400	U	340	U	410	U	380	U				
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	700		31	J	180	J	340	J				
Isophorone	78-59-1	2500000	7400	400	U	340	U	410	U	60	J				
Naphthalene	91-20-3	2500000	56000	400	U	340	U	10	J	19	J	1	U		
Nitrobenzene	98-95-3	1000000	1000	400	U	340	U	410	U	380	U				
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	400	U	340	U	410	U	380	U				
N-Nitrosodiphenylamine	86-30-6	1200000	1400	400	U	340	U	410	U	380	U				
Pentachlorophenol	87-86-5	48000	1000	1000	U	860	U	1000	U	940	U				
Phenanthrene	85-01-8	2500000	40000	1000		26	J	250	J	290	J				
Phenol	108-95-2	2500000	800000	400	U	340	U	410	U	180	J				
Pyrene	129-00-0	2500000	40000	2100		56	J	350	J	740					

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
			Top Depth	0		0		0		0		3.5		4			
			Sample Location	SS29		SS29		SS35		SS35		MW4D		SB201			
			Sample ID	SS-029~A0KK9-5A66~~110102		SS-029~AA26632~~110102		SS-035~A0KK9-13A66~~110102		SS-035~AA26626~~110102		S-052004-JR-147		80018-SB201-0410-0311			
			Risk Zone	I*		I*		I*		I*		I*		I*			
			Bottom Depth	0.25		0.25		0.25		0.25		8.5		9			
			Sample Date	11/1/2002		11/1/2002		11/1/2002		11/1/2002		5/20/2004		3/29/2011			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	17	J			460	U					210	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400											210	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	380	U			460	U			2800	U	210	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--											210	U		
2,4,5-Trichlorophenol	95-95-4	2500000	140000	940	U			1200	U			13000	U	210	U		
2,4,6-Trichlorophenol	88-06-2	520000	1000	380	U			460	U			2800	U	210	U		
2,4-Dichlorophenol	120-83-2	2500000	4000	380	U			460	U			2800	U	210	U		
2,4-Dimethylphenol	105-67-9	2500000	28000	380	U			460	U			2800	U	210	U		
2,4-Dinitrophenol	51-28-5	2500000	2800	940	U			1200	U			13000	U	420	U		
2,4-Dinitrotoluene	121-14-2	2500000	2800	380	U			460	U			2800	U	210	U		
2,6-Dinitrotoluene	606-20-2	2500000	1400	380	U			460	U			2800	U	210	U		
2-Chloronaphthalene	91-58-7	2500000	110000	380	U			460	U			2800	U	210	U		
2-Chlorophenol	95-57-8	2500000	7200	380	U			460	U			2800	U	210	U		
2-Methylnaphthalene	91-57-6	2500000	--	22	J			14	J			320	J	210	U		
2-Methylphenol	95-48-7	2500000	70000	380	U			460	U			2800	U	210	U		
2-Nitroaniline	88-74-4	1200000	1650	940	U			1200	U			13000	U	420	U		
2-Nitrophenol	88-75-5	2500000	11000	380	U			460	U			2800	U	210	U		
3,3'-Dichlorobenzidine	91-94-1	13000	330	380	U			460	U			5500	UJ	210	U		
3-Nitroaniline	99-09-2	2500000	4200	940	U			1200	U			13000	U	420	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	940	U			1200	U			13000	U	420	U		
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	380	U			460	U			2800	U	210	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	380	U			460	U			2800	U	210	U		
4-Chloroaniline	106-47-8	2500000	5600	380	U			460	U			2800	U	210	U		
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	380	U			460	U			2800	U	210	U		
4-Methylphenol	106-44-5	2500000	7000	380	U			460	U			2800	U	210	U		
4-Nitroaniline	100-01-6	2500000	4200	940	U			1200	U			5500	U	420	U		
4-Nitrophenol	100-02-7	--	--	940	U			1200	U			13000	U	420	U		
Acenaphthene	83-32-9	2500000	84000	37	J			28	J			2800	U	210	U		
Acenaphthylene	208-96-8	2500000	84000	290	J			190	J			200	J	210	U		
Acetophenone	98-86-2	--	--	20	JB			81	JB			2800	U	210	U		
Anthracene	120-12-7	2500000	400000	270	J			180	J			310	J	210	U		
Atrazine	1912-24-9	26000	200	380	U			460	U			2800	U	210	U		
Benzaldehyde	100-52-7	--	--	48	JB			110	JB			2800	UJ	210	U		
Benzo(A)Anthracene	56-55-3	7800	1000	960				680				600	J	210	U		
Benzo(A)Pyrene	50-32-8	1000	1000	**1100**				760				490	J	210	U		
Benzo(B)Fluoranthene	205-99-2	7800	1000	**1900**	X			880				**1300**	J	210	U		
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	1200				770				2800	U	210	U		
Benzo(K)Fluoranthene	207-08-9	78000	1000	**2300**	X			860				2800	U	210	U		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	380	U			460	U			2800	U	210	U		
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	380	U			460	U			2800	U	210	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	2900	B			1300	B			2800	UJ	100	J		
Butylbenzylphthalate	85-68-7	2500000	200000	280	J			290	J			2800	UJ	210	U		
Caprolactam	105-60-2	--	--	380	U			460	U			2800	U	210	U		
Carbazole	86-74-8	290000	1000	140	J			86	J			2800	U	210	U		
Chrysene	218-01-9	780000	1000	**1400**				880				930	J	210	U		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	320	J			210	J			2800	U	210	U		
Dibenzofuran	132-64-9	2500000	5600	29	J			18	J			2800	U	210	U		
Diethylphthalate	84-66-2	1000000	1100000	11	J			460	U			2800	U	68	J		

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	0		0		0		0		3.5		4			
			Sample Location	SS29		SS29		SS35		SS35		MW4D		SB201			
			Sample ID	SS-029~A0KK9-5A66~~110102		SS-029~AA26632~~110102		SS-035~A0KK9-13A66~~110102		SS-035~AA26626~~110102		S-052004-JR-147		80018-SB201-0410-0311			
			Risk Zone	I*		I*		I*		I*		I*		I*			
			Bottom Depth	0.25		0.25		0.25		0.25		8.5		9			
			Sample Date	11/1/2002		11/1/2002		11/1/2002		11/1/2002		5/20/2004		3/29/2011			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Dimethylphthalate	131-11-3	1000000	1100000	380	U			460	U			2700	U	210	U		
Di-N-Butyl Phthalate	84-74-2	2500000	140000	130	J			570				2800	U	210	U		
Di-N-Octyl Phthalate	117-84-0	2500000	20000	120	J			140	J			2800	U	210	U		
Fluoranthene	206-44-0	2500000	56000	2400				1400				1200	J	210	U		
Fluorene	86-73-7	2500000	56000	54	J			33	J			2800	U	210	U		
Hexachlorobenzene	118-74-1	3600	1000	380	U			460	U			2800	U	210	U		
Hexachlorobutadiene	87-68-3	--	--	380	U			460	U			2800	U	210	U		
Hexachlorocyclopentadiene	77-47-4	2500000	9800	380	U			460	U			2800	U	210	U		
Hexachloroethane	67-72-1	410000	1000	380	U			460	U			2800	UJ	210	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	**1000**				660				2800	U	210	U		
Isophorone	78-59-1	2500000	7400	380	U			460	U			2800	U	210	U		
Naphthalene	91-20-3	2500000	56000	27	J	6	U	18	J	8	U	2800	U	210	U		
Nitrobenzene	98-95-3	1000000	1000	380	U			460	U			2800	U	210	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	380	U			460	U			2800	U	210	U		
N-Nitrosodiphenylamine	86-30-6	1200000	1400	380	U			460	U			2800	U	210	U		
Pentachlorophenol	87-86-5	48000	1000	940	U			1200	U			13000	U	420	U		
Phenanthrene	85-01-8	2500000	40000	1100				630				1100	J	53	J		
Phenol	108-95-2	2500000	800000	380	U			460	U			2800	U	210	U		
Pyrene	129-00-0	2500000	40000	2000				1200				860	J	210	U		

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	4		4		4		4		5			
			Sample Location	SB202		SB203		SB203		SB25		SB26			
			Sample ID	80018-SB202-0410-0311		80018-DUP01-0410-0311		80018-SB203-0410-0311		SB25-04-06~AD847~~100302		SB26-05-10~A0RG4-11A70~~102102			
			Risk Zone	I*		I*		I*		I*		I*			
			Bottom Depth	9		9		9		6		10			
			Sample Date	3/29/2011		3/29/2011		3/29/2011		10/3/2002		10/21/2002			
			Sample Type	N		FD		N		N		N			
			Field Duplicate Parent			80018-SB203-0410-0311									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	2300	U	210	U	210	U	440	U	410	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400	2300	U	210	U	210	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	2300	U	210	U	210	U	440	U	410	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	2300	U	210	U	210	U						
2,4,5-Trichlorophenol	95-95-4	2500000	140000	2300	U	210	U	210	U	1100	U	1000	U		
2,4,6-Trichlorophenol	88-06-2	520000	1000	2300	U	210	U	210	U	440	U	410	U		
2,4-Dichlorophenol	120-83-2	2500000	4000	2300	U	210	U	210	U	440	U	410	U		
2,4-Dimethylphenol	105-67-9	2500000	28000	2300	U	210	U	210	U	440	U	410	U		
2,4-Dinitrophenol	51-28-5	2500000	2800	4500	U	410	U	410	U	1100	U	1000	U		
2,4-Dinitrotoluene	121-14-2	2500000	2800	2300	U	210	U	210	U	440	U	410	U		
2,6-Dinitrotoluene	606-20-2	2500000	1400	2300	U	210	U	210	U	440	U	410	U		
2-Chloronaphthalene	91-58-7	2500000	110000	2300	U	210	U	210	U	440	U	410	U		
2-Chlorophenol	95-57-8	2500000	7200	2300	U	210	U	210	U	440	U	410	U		
2-Methylnaphthalene	91-57-6	2500000	--	730	J	210	U	210	U	440	U	410	U		
2-Methylphenol	95-48-7	2500000	70000	2300	U	210	U	210	U	440	U	410	U		
2-Nitroaniline	88-74-4	1200000	1650	4500	U	410	U	410	U	1100	U	1000	U		
2-Nitrophenol	88-75-5	2500000	11000	2300	U	210	U	210	U	440	U	410	U		
3,3'-Dichlorobenzidine	91-94-1	13000	330	2300	U	210	U	210	U	440	U	410	U		
3-Nitroaniline	99-09-2	2500000	4200	4500	U	410	U	410	U	1100	U	1000	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	4500	U	410	U	410	U	1100	U	1000	U		
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	2300	U	210	U	210	U	440	U	410	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	2300	U	210	U	210	U	440	U	410	U		
4-Chloroaniline	106-47-8	2500000	5600	2300	U	210	U	210	U	440	U	410	U		
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	2300	U	210	U	210	U	440	U	410	U		
4-Methylphenol	106-44-5	2500000	7000	2300	U	210	U	210	U	440	U	410	U		
4-Nitroaniline	100-01-6	2500000	4200	4500	U	410	U	410	U	1100	U	1000	U		
4-Nitrophenol	100-02-7	--	--	4500	U	410	U	410	U	1100	U	1000	U		
Acenaphthene	83-32-9	2500000	84000	1200	J	210	U	210	U	440	U	410	U		
Acenaphthylene	208-96-8	2500000	84000	2300	U	210	U	210	U	440	U	11	J		
Acetophenone	98-86-2	--	--	2300	U	210	U	210	U	440	U	410	U		
Anthracene	120-12-7	2500000	400000	2900		210	U	210	U	440	U	34	J		
Atrazine	1912-24-9	26000	200	2300	U	210	U	210	U	440	U	410	U		
Benzaldehyde	100-52-7	--	--	2300	U	210	U	210	U	440	U	410	U		
Benzo(A)Anthracene	56-55-3	7800	1000	**7700**		140	J	120	J		R	170	J		
Benzo(A)Pyrene	50-32-8	1000	1000	**6300**		57	J	45	J	440	U	180	J		
Benzo(B)Fluoranthene	205-99-2	7800	1000	**6100**		130	J	110	J	440	U	200	J		
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	3400		210	U	210	U	440	U	130	J		
Benzo(K)Fluoranthene	207-08-9	78000	1000	**7200**		95	J	69	J	440	U	200	J		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	2300	U	210	U	210	U	440	U	410	U		
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	2300	U	210	U	210	U	440	U	410	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	2300	U	210	U	210	U	440	U	190	JB		
Butylbenzylphthalate	85-68-7	2500000	200000	2300	U	210	U	210	U	440	U	410	U		
Caprolactam	105-60-2	--	--	2300	U	210	U	210	U	440	U	410	U		
Carbazole	86-74-8	290000	1000	**1400**	J	210	U	210	U		R	11	J		
Chrysene	218-01-9	780000	1000	**8400**		240		180	J	440	U	210	J		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	**1200**	J	210	U	210	U	440	U	29	J		
Dibenzofuran	132-64-9	2500000	5600	2300	U	210	U	210	U	440	U	410	U		
Diethylphthalate	84-66-2	1000000	1100000	2300	U	210	U	210	U		R	410	U		

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	4		4		4		4		5			
			Sample Location	SB202		SB203		SB203		SB25		SB26			
			Sample ID	80018-SB202-0410-0311		80018-DUP01-0410-0311		80018-SB203-0410-0311		SB25-04-06~AD847~~100302		SB26-05-10~A0RG4-11A70~~102102			
			Risk Zone	I*		I*		I*		I*		I*			
			Bottom Depth	9		9		9		6		10			
			Sample Date	3/29/2011		3/29/2011		3/29/2011		10/3/2002		10/21/2002			
			Sample Type	N		FD		N		N		N			
			Field Duplicate Parent			80018-SB203-0410-0311									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Dimethylphthalate	131-11-3	1000000	1100000	2300	U	210	U	210	U	440	U	410	U		
Di-N-Butyl Phthalate	84-74-2	2500000	140000	2300	U	210	U	210	U	440	U	410	U		
Di-N-Octyl Phthalate	117-84-0	2500000	20000	2300	U	210	U	210	U	440	U	410	U		
Fluoranthene	206-44-0	2500000	56000	19000		350		310			R	240	J		
Fluorene	86-73-7	2500000	56000	1600	J	210	U	210	U	440	U	410	U		
Hexachlorobenzene	118-74-1	3600	1000	2300	U	210	U	210	U	440	U	410	U		
Hexachlorobutadiene	87-68-3	--	--	2300	U	210	U	210	U	440	U	410	U		
Hexachlorocyclopentadiene	77-47-4	2500000	9800	2300	U	210	U	210	U	440	U	410	U		
Hexachloroethane	67-72-1	410000	1000	2300	U	210	U	210	U	440	U	410	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	**4600**		49	J	38	J		R	130	J		
Isophorone	78-59-1	2500000	7400	2300	U	210	U	210	U	440	U	410	U		
Naphthalene	91-20-3	2500000	56000	690	J	210	U	210	U	440	U	11	J		
Nitrobenzene	98-95-3	1000000	1000	2300	U	210	U	210	U	440	U	410	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	2300	U	210	U	210	U	440	U	410	U		
N-Nitrosodiphenylamine	86-30-6	1200000	1400	2300	U	210	U	210	U	440	U	410	U		
Pentachlorophenol	87-86-5	48000	1000	4500	U	410	U	410	U	1100	U	1000	U		
Phenanthrene	85-01-8	2500000	40000	19000		220		190	J	440	U	110	J		
Phenol	108-95-2	2500000	800000	2300	U	210	U	210	U	440	U	410	U		
Pyrene	129-00-0	2500000	40000	15000		370		330		440	U	220	J		

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Sto
			Top Depth	5		5		5		6		7		7
			Sample Location	SB27		SB34		SB35		SB27		SB145		SE
			Sample ID	SB27-05-10~A0SE5-8DA70~~102202		SB34-05-08~A0RG4-19A70~~102202		SB35-05-10~A0SE5-6A70~~102202		SB27-06-07~AA26215~~101702		80018-SB145-0709		SB35-07-08~AA
			Risk Zone	I*		I*		I*		I*		I*		I
			Bottom Depth	10		8		10		7		9		8
			Sample Date	10/22/2002		10/22/2002		10/22/2002		10/17/2002		10/21/2008		10/10
			Sample Type	N		N		N		N		N		N
			Field Duplicate Parent											
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
1,1'-Biphenyl	92-52-4	--	--	2200	J	330	U	450	U			20	J	
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400									190	U	
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	81000	U	330	U	450	U			190	U	
2,3,4,6-Tetrachlorophenol	58-90-2	--	--									190	U	
2,4,5-Trichlorophenol	95-95-4	2500000	140000	200000	U	840	U	1100	U			190	U	
2,4,6-Trichlorophenol	88-06-2	520000	1000	81000	U	330	U	450	U			190	U	
2,4-Dichlorophenol	120-83-2	2500000	4000	81000	U	330	U	450	U			190	U	
2,4-Dimethylphenol	105-67-9	2500000	28000	81000	U	330	U	450	U			190	U	
2,4-Dinitrophenol	51-28-5	2500000	2800	200000	U	840	U	1100	U			370	U	
2,4-Dinitrotoluene	121-14-2	2500000	2800	81000	U	330	U	450	U			190	U	
2,6-Dinitrotoluene	606-20-2	2500000	1400	81000	U	330	U	450	U			190	U	
2-Chloronaphthalene	91-58-7	2500000	110000	81000	U	330	U	450	U			190	U	
2-Chlorophenol	95-57-8	2500000	7200	81000	U	330	U	450	U			190	U	
2-Methylnaphthalene	91-57-6	2500000	--	6200	J	330	U	21	J			50	J	
2-Methylphenol	95-48-7	2500000	70000	81000	U	330	U	450	U			190	U	
2-Nitroaniline	88-74-4	1200000	1650	200000	U	840	U	1100	U			370	U	
2-Nitrophenol	88-75-5	2500000	11000	81000	U	330	U	450	U			190	U	
3,3'-Dichlorobenzidine	91-94-1	13000	330	81000	U	330	U	450	U			190	U	
3-Nitroaniline	99-09-2	2500000	4200	200000	U	840	U	1100	U			370	U	
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	200000	U	840	U	1100	U			370	U	
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	81000	U	330	U	450	U			190	U	
4-Chloro-3-Methylphenol	59-50-7	--	--	81000	U	330	U	450	U			190	U	
4-Chloroaniline	106-47-8	2500000	5600	81000	U	330	U	450	U			190	U	
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	81000	U	330	U	450	U			190	U	
4-Methylphenol	106-44-5	2500000	7000	81000	U	330	U	450	U			190	U	
4-Nitroaniline	100-01-6	2500000	4200	200000	U	840	U	1100	U			370	U	
4-Nitrophenol	100-02-7	--	--	200000	U	840	U	1100	U			370	U	
Acenaphthene	83-32-9	2500000	84000	14000	J	330	U	15	J			190	U	
Acenaphthylene	208-96-8	2500000	84000	5100	J	330	U	29	J			190	U	
Acetophenone	98-86-2	--	--	81000	U	13	JB	450	U			28	J	
Anthracene	120-12-7	2500000	400000	43000	J	330	U	44	J			190	U	
Atrazine	1912-24-9	26000	200	81000	U	330	U	450	U			190	U	
Benzaldehyde	100-52-7	--	--	81000	U	330	U	450	U			62	J	
Benzo(A)Anthracene	56-55-3	7800	1000	**58000**	J	13	J	95	J			34	J	
Benzo(A)Pyrene	50-32-8	1000	1000	**53000**	J	10	J	53	J			190	U	
Benzo(B)Fluoranthene	205-99-2	7800	1000	**43000**	J	330	U	82	J			60	J	
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	35000	J	330	U	450	U			190	U	
Benzo(K)Fluoranthene	207-08-9	78000	1000	**51000**	J	330	U	74	J			190	U	
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	81000	U	330	U	450	U			190	U	
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	81000	U	330	U	450	U			190	U	
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	81000	U	960	B	590	B			190	U	
Butylbenzylphthalate	85-68-7	2500000	200000	81000	U	330	U	450	U			190	U	
Caprolactam	105-60-2	--	--	81000	U	330	U	450	U			190	U	
Carbazole	86-74-8	290000	1000	**17000**	J	330	U	23	J			190	U	
Chrysene	218-01-9	780000	1000	**69000**	J	15	J	150	J			120	J	
Dibenz(A,H)Anthracene	53-70-3	1000	1000	**13000**	J	330	U	15	J			190	U	
Dibenzofuran	132-64-9	2500000	5600	**15000**	J	330	U	13	J			190	U	
Diethylphthalate	84-66-2	1000000	1100000	81000	U	330	U	450	U			190	U	

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Sto			
			Top Depth	5		5		5		6		7		7			
			Sample Location	SB27		SB34		SB35		SB27		SB145		SE			
			Sample ID	SB27-05-10~A0SE5-8DA70~~102202		SB34-05-08~A0RG4-19A70~~102202		SB35-05-10~A0SE5-6A70~~102202		SB27-06-07~AA26215~~101702		80018-SB145-0709		SB35-07-08~AA			
			Risk Zone	I*		I*		I*		I*		I*		I			
			Bottom Depth	10		8		10		7		9		8			
			Sample Date	10/22/2002		10/22/2002		10/22/2002		10/17/2002		10/21/2008		10/10			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**			
Dimethylphthalate	131-11-3	1000000	1100000	81000	U	330	U	450	U			190	U				
Di-N-Butyl Phthalate	84-74-2	2500000	140000	81000	U	330	U	450	U			190	U				
Di-N-Octyl Phthalate	117-84-0	2500000	20000	81000	U	310	J	450	U			190	UJ				
Fluoranthene	206-44-0	2500000	56000	**160000**		25	J	320	J			52	J				
Fluorene	86-73-7	2500000	56000	17000	J	330	U	29	J			190	U				
Hexachlorobenzene	118-74-1	3600	1000	81000	U	330	U	450	U			190	U				
Hexachlorobutadiene	87-68-3	--	--	81000	U	330	U	450	U			190	U				
Hexachlorocyclopentadiene	77-47-4	2500000	9800	81000	U	330	U	450	U			190	U				
Hexachloroethane	67-72-1	410000	1000	81000	U	330	U	450	U			190	U				
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	**41000**	J	330	U	40	J			190	U				
Isophorone	78-59-1	2500000	7400	81000	U	330	U	450	U			190	U				
Naphthalene	91-20-3	2500000	56000	24000	J	330	U	450	U	2	U	190	U	1			
Nitrobenzene	98-95-3	1000000	1000	81000	U	330	U	450	U			190	U				
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	81000	U	330	U	450	U			190	U				
N-Nitrosodiphenylamine	86-30-6	1200000	1400	81000	U	330	U	450	U			190	U				
Pentachlorophenol	87-86-5	48000	1000	200000	U	840	U	1100	U			370	U				
Phenanthrene	85-01-8	2500000	40000	**160000**		17	J	280	J			160	J				
Phenol	108-95-2	2500000	800000	81000	U	330	U	450	U			190	U				
Pyrene	129-00-0	2500000	40000	**170000**		21	J	290	J			34	J				

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

			Address	e Ave.	50 Store Ave.		50 Store Ave.		50 Store Ave.	
			Top Depth	7	8		10		10	
			Sample Location	35	SB26		SB25		SB25	
			Sample ID	26212~~101002	SB26-08-09~AA26213~~102302		KSB25-10-15~A0RG4-8A70~FDOFA0SC9~102102		SB25-10-15~A0RG4-7A70~FDOFA0SD0~102102	
			Risk Zone	*	I*		I*		I*	
			Bottom Depth	8	9		15		15	
			Sample Date	/2002	10/23/2002		10/21/2002		10/21/2002	
			Sample Type	N	N		FD		N	
			Field Duplicate Parent				SB25-10-15~A0RG4-7A70~FDOFA0SD0~102102			
			Unit	kg	ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--				44	J	42	J
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400							
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400				450	U	470	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--							
2,4,5-Trichlorophenol	95-95-4	2500000	140000				1100	U	1200	U
2,4,6-Trichlorophenol	88-06-2	520000	1000				450	U	470	U
2,4-Dichlorophenol	120-83-2	2500000	4000				450	U	470	U
2,4-Dimethylphenol	105-67-9	2500000	28000				450	U	470	U
2,4-Dinitrophenol	51-28-5	2500000	2800				1100	U	1200	U
2,4-Dinitrotoluene	121-14-2	2500000	2800				450	U	470	U
2,6-Dinitrotoluene	606-20-2	2500000	1400				450	U	470	U
2-Chloronaphthalene	91-58-7	2500000	110000				450	U	470	U
2-Chlorophenol	95-57-8	2500000	7200				450	U	470	U
2-Methylnaphthalene	91-57-6	2500000	--				130	J	87	J
2-Methylphenol	95-48-7	2500000	70000				450	U	470	U
2-Nitroaniline	88-74-4	1200000	1650				1100	U	1200	U
2-Nitrophenol	88-75-5	2500000	11000				450	U	470	U
3,3'-Dichlorobenzidine	91-94-1	13000	330				450	U	470	U
3-Nitroaniline	99-09-2	2500000	4200				1100	U	1200	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--				1100	U	1200	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000				450	U	470	U
4-Chloro-3-Methylphenol	59-50-7	--	--				450	U	470	U
4-Chloroaniline	106-47-8	2500000	5600				450	U	470	U
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000				450	U	470	U
4-Methylphenol	106-44-5	2500000	7000				450	U	470	U
4-Nitroaniline	100-01-6	2500000	4200				1100	U	1200	U
4-Nitrophenol	100-02-7	--	--				1100	U	1200	U
Acenaphthene	83-32-9	2500000	84000				450	U	470	U
Acenaphthylene	208-96-8	2500000	84000				450	U	470	U
Acetophenone	98-86-2	--	--				450	U	470	U
Anthracene	120-12-7	2500000	400000				13	J	12	J
Atrazine	1912-24-9	26000	200				450	U	470	U
Benzaldehyde	100-52-7	--	--				450	U	470	U
Benzo(A)Anthracene	56-55-3	7800	1000				41	J	45	J
Benzo(A)Pyrene	50-32-8	1000	1000				25	J	24	J
Benzo(B)Fluoranthene	205-99-2	7800	1000				59	J	55	J
Benzo(G,H,I)Perylene	191-24-2	2500000	42000				450	U	470	U
Benzo(K)Fluoranthene	207-08-9	78000	1000				450	U	21	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--				450	U	470	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400				450	U	470	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000				450	B	490	B
Butylbenzylphthalate	85-68-7	2500000	200000				450	U	470	U
Caprolactam	105-60-2	--	--				450	U	470	U
Carbazole	86-74-8	290000	1000				14	J	470	U
Chrysene	218-01-9	780000	1000				140	J	140	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000				18	J	21	J
Dibenzofuran	132-64-9	2500000	5600				450	U	470	U
Diethylphthalate	84-66-2	1000000	1100000				16	J	470	U

Address				e Ave.	50 Store Ave.		50 Store Ave.		50 Store Ave.	
Top Depth				7	8		10		10	
Sample Location				35	SB26		SB25		SB25	
Sample ID				26212~~101002	SB26-08-09~AA26213~~102302		KSB25-10-15~A0RG4-8A70~FDOFA0SC9~102102		SB25-10-15~A0RG4-7A70~FDOFA0SD0~102102	
Risk Zone				*	I*		I*		I*	
Bottom Depth				8	9		15		15	
Sample Date				/2002	10/23/2002		10/21/2002		10/21/2002	
Sample Type				N	N		FD		N	
Field Duplicate Parent							SB25-10-15~A0RG4-7A70~FDOFA0SD0~102102			
Unit				kg	ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Dimethylphthalate	131-11-3	1000000	1100000				450	U	470	U
Di-N-Butyl Phthalate	84-74-2	2500000	140000				450	U	470	U
Di-N-Octyl Phthalate	117-84-0	2500000	20000				450	U	210	J
Fluoranthene	206-44-0	2500000	56000				34	J	40	J
Fluorene	86-73-7	2500000	56000				450	U	470	U
Hexachlorobenzene	118-74-1	3600	1000				450	U	470	U
Hexachlorobutadiene	87-68-3	--	--				450	U	470	U
Hexachlorocyclopentadiene	77-47-4	2500000	9800				450	U	470	U
Hexachloroethane	67-72-1	410000	1000				450	U	470	U
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000				21	J	19	J
Isophorone	78-59-1	2500000	7400				450	U	470	U
Naphthalene	91-20-3	2500000	56000	U	75	U	67	J	50	J
Nitrobenzene	98-95-3	1000000	1000				450	U	470	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000				450	U	470	U
N-Nitrosodiphenylamine	86-30-6	1200000	1400				450	U	470	U
Pentachlorophenol	87-86-5	48000	1000				1100	U	1200	U
Phenanthrene	85-01-8	2500000	40000				220	J	180	J
Phenol	108-95-2	2500000	800000				450	U	470	U
Pyrene	129-00-0	2500000	40000				44	J	48	J

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	10		10		10		10.5		12			
			Sample Location	SB26		SB27		SB31		MW4D		SB26			
			Sample ID	SB26-10-15~A0RG4-15A70~~102102		SB27-10-15~A0SE5-9DA70~~102202		SB31-10-15~A0RG4-9A70~~102102		S-052004-JR-148		SB26-12-13~AA26211~~102302			
			Risk Zone	I*		I*		I*		I*		I*			
			Bottom Depth	15		15		15		15		13			
			Sample Date	10/21/2002		10/22/2002		10/21/2002		5/20/2004		10/23/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--	46	J	100	J	460	U						
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	450	U	1900	U	460	U	3900	U				
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	2500000	140000	1100	U	4700	U	1200	U	19000	U				
2,4,6-Trichlorophenol	88-06-2	520000	1000	450	U	1900	U	460	U	3900	U				
2,4-Dichlorophenol	120-83-2	2500000	4000	450	U	1900	U	460	U	3900	U				
2,4-Dimethylphenol	105-67-9	2500000	28000	450	U	1900	U	460	U	3900	U				
2,4-Dinitrophenol	51-28-5	2500000	2800	1100	U	4700	U	1200	U	19000	U				
2,4-Dinitrotoluene	121-14-2	2500000	2800	450	U	1900	U	460	U	3900	U				
2,6-Dinitrotoluene	606-20-2	2500000	1400	450	U	1900	U	460	U	3900	U				
2-Chloronaphthalene	91-58-7	2500000	110000	450	U	1900	U	460	U	3900	U				
2-Chlorophenol	95-57-8	2500000	7200	450	U	1900	U	460	U	3900	U				
2-Methylnaphthalene	91-57-6	2500000	--	130	J	280	J	29	J	810	J				
2-Methylphenol	95-48-7	2500000	70000	450	U	1900	U	460	U	3900	U				
2-Nitroaniline	88-74-4	1200000	1650	1100	U	4700	U	1200	U	19000	U				
2-Nitrophenol	88-75-5	2500000	11000	450	U	1900	U	460	U	3900	U				
3,3'-Dichlorobenzidine	91-94-1	13000	330	450	U	1900	U	460	U	7900	U				
3-Nitroaniline	99-09-2	2500000	4200	1100	U	4700	U	1200	U	19000	U				
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	1100	U	4700	U	1200	U	19000	U				
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	450	U	1900	U	460	U	3900	U				
4-Chloro-3-Methylphenol	59-50-7	--	--	450	U	1900	U	460	U	3900	U				
4-Chloroaniline	106-47-8	2500000	5600	450	U	1900	U	460	U	3900	U				
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	450	U	1900	U	460	U	3900	U				
4-Methylphenol	106-44-5	2500000	7000	450	U	1900	U	460	U	3900	U				
4-Nitroaniline	100-01-6	2500000	4200	1100	U	4700	U	1200	U	7900	U				
4-Nitrophenol	100-02-7	--	--	1100	U	4700	U	1200	U	19000	U				
Acenaphthene	83-32-9	2500000	84000	330	J	480	J	460	U	770	J				
Acenaphthylene	208-96-8	2500000	84000	62	J	210	J	460	U	510	J				
Acetophenone	98-86-2	--	--	450	U	660	J	44	JB	3900	U				
Anthracene	120-12-7	2500000	400000	640		1400	J	15	J	3100	J				
Atrazine	1912-24-9	26000	200	450	U	1900	U	460	U	3900	U				
Benzaldehyde	100-52-7	--	--	52	J	350	J	460	U	3900	U				
Benzo(A)Anthracene	56-55-3	7800	1000	**1200**		**2400**		67	J	**8000**					
Benzo(A)Pyrene	50-32-8	1000	1000	980		**2200**		40	J	**9200**	J				
Benzo(B)Fluoranthene	205-99-2	7800	1000	**1000**		**2500**		76	J	**13000**	J				
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	490		1200	J	460	U	4700	J				
Benzo(K)Fluoranthene	207-08-9	78000	1000	**1000**		**2000**		22	J	3900	UJ				
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	450	U	1900	U	460	U	3900	U				
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	450	U	1900	U	460	U	3900	U				
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	360	JB	500	JB	420	JB	3900	U				
Butylbenzylphthalate	85-68-7	2500000	200000	450	U	1900	U	460	U	3900	U				
Caprolactam	105-60-2	--	--	450	U	1900	U	110	J	3900	U				
Carbazole	86-74-8	290000	1000	220	J	780	J	460	U	510	J				
Chrysene	218-01-9	780000	1000	**1400**		**2800**		170	J	**8100**					
Dibenz(A,H)Anthracene	53-70-3	1000	1000	190	J	510	J	28	J	**2100**	J				
Dibenzofuran	132-64-9	2500000	5600	190	J	580	J	460	U	1500	J				
Diethylphthalate	84-66-2	1000000	1100000	16	J	1900	U	460	U	3900	U				

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	10		10		10		10.5		12			
			Sample Location	SB26		SB27		SB31		MW4D		SB26			
			Sample ID	SB26-10-15~A0RG4-15A70~~102102		SB27-10-15~A0SE5-9DA70~~102202		SB31-10-15~A0RG4-9A70~~102102		S-052004-JR-148		SB26-12-13~AA26211~~102302			
			Risk Zone	I*		I*		I*		I*		I*			
			Bottom Depth	15		15		15		15		13			
			Sample Date	10/21/2002		10/22/2002		10/21/2002		5/20/2004		10/23/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Dimethylphthalate	131-11-3	1000000	1100000	450	U	1900	U	460	U	2700	U				
Di-N-Butyl Phthalate	84-74-2	2500000	140000	450	U	1900	U	460	U	3900	U				
Di-N-Octyl Phthalate	117-84-0	2500000	20000	450	U	1900	U	460	U	3900	UJ				
Fluoranthene	206-44-0	2500000	56000	3000		6700		69	J	21000					
Fluorene	86-73-7	2500000	56000	300	J	510	J	460	U	1000	J				
Hexachlorobenzene	118-74-1	3600	1000	450	U	1900	U	460	U	3900	U				
Hexachlorobutadiene	87-68-3	--	--	450	U	1900	U	460	U	3900	U				
Hexachlorocyclopentadiene	77-47-4	2500000	9800	450	U	1900	U	460	U	3900	U				
Hexachloroethane	67-72-1	410000	1000	450	U	1900	U	460	U	3900	UJ				
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	600		**1600**	J	24	J	**5000**	J				
Isophorone	78-59-1	2500000	7400	450	U	1900	U	460	U	3900	U				
Naphthalene	91-20-3	2500000	56000	310	J	500	J	19	J	2300	J	1	U		
Nitrobenzene	98-95-3	1000000	1000	450	U	1900	U	460	U	3900	U				
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	450	U	1900	U	460	U	3900	U				
N-Nitrosodiphenylamine	86-30-6	1200000	1400	450	U	1900	U	460	U	3900	U				
Pentachlorophenol	87-86-5	48000	1000	1100	U	4700	U	1200	U	19000	U				
Phenanthrene	85-01-8	2500000	40000	2300		6800		110	J	7500					
Phenol	108-95-2	2500000	800000	450	U	1900	U	460	U	3900	U				
Pyrene	129-00-0	2500000	40000	2700		5300		83	J	17000					

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
			Top Depth	12		14		14		15		16	
			Sample Location	SB31		SB146		SB35		SB31		SB27	
			Sample ID	SB31-12-13~AA26206~~101402		80018-SB146-1416		SB35-14-15~AA26216~~102102		SB31-15-20~A0RG4-17A70~~102102		SB27-16-17~AA26210~~101702	
			Risk Zone	I*		I*		I*		I*		I*	
			Bottom Depth	13		16		15		20		17	
			Sample Date	10/14/2002		10/24/2008		10/21/2002		10/21/2002		10/17/2002	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			180	U			490	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400			180	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400			180	U			490	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--			180	U						
2,4,5-Trichlorophenol	95-95-4	2500000	140000			180	U			1200	U		
2,4,6-Trichlorophenol	88-06-2	520000	1000			180	U			490	U		
2,4-Dichlorophenol	120-83-2	2500000	4000			180	U			490	U		
2,4-Dimethylphenol	105-67-9	2500000	28000			180	U			490	U		
2,4-Dinitrophenol	51-28-5	2500000	2800			350	U			1200	U		
2,4-Dinitrotoluene	121-14-2	2500000	2800			180	U			490	U		
2,6-Dinitrotoluene	606-20-2	2500000	1400			180	U			490	U		
2-Chloronaphthalene	91-58-7	2500000	110000			180	U			490	U		
2-Chlorophenol	95-57-8	2500000	7200			180	U			490	U		
2-Methylnaphthalene	91-57-6	2500000	--			180	U			490	U		
2-Methylphenol	95-48-7	2500000	70000			180	U			490	U		
2-Nitroaniline	88-74-4	1200000	1650			350	U			1200	U		
2-Nitrophenol	88-75-5	2500000	11000			180	U			490	U		
3,3'-Dichlorobenzidine	91-94-1	13000	330			180	U			490	U		
3-Nitroaniline	99-09-2	2500000	4200			350	U			1200	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			350	U			1200	U		
4-Bromophenyl-Phenylether	101-55-3	1000000	82000			180	U			490	U		
4-Chloro-3-Methylphenol	59-50-7	--	--			180	U			490	U		
4-Chloroaniline	106-47-8	2500000	5600			180	U			490	U		
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000			180	U			490	U		
4-Methylphenol	106-44-5	2500000	7000			180	U			490	U		
4-Nitroaniline	100-01-6	2500000	4200			350	U			1200	U		
4-Nitrophenol	100-02-7	--	--			350	U			1200	U		
Acenaphthene	83-32-9	2500000	84000			180	U			490	U		
Acenaphthylene	208-96-8	2500000	84000			180	U			490	U		
Acetophenone	98-86-2	--	--			180	U			130	JB		
Anthracene	120-12-7	2500000	400000			180	U			490	U		
Atrazine	1912-24-9	26000	200			180	U			490	U		
Benzaldehyde	100-52-7	--	--			180	U			61	J		
Benzo(A)Anthracene	56-55-3	7800	1000			180	U			22	J		
Benzo(A)Pyrene	50-32-8	1000	1000			180	U			490	U		
Benzo(B)Fluoranthene	205-99-2	7800	1000			180	UJ			490	U		
Benzo(G,H,I)Perylene	191-24-2	2500000	42000			180	U			490	U		
Benzo(K)Fluoranthene	207-08-9	78000	1000			180	U			490	U		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			180	U			490	U		
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400			180	U			490	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000			22	JEB			170	JB		
Butylbenzylphthalate	85-68-7	2500000	200000			180	U			490	U		
Caprolactam	105-60-2	--	--			180	U			490	U		
Carbazole	86-74-8	290000	1000			180	U			490	U		
Chrysene	218-01-9	780000	1000			180	U			24	J		
Dibenz(A,H)Anthracene	53-70-3	1000	1000			180	U			490	U		
Dibenzofuran	132-64-9	2500000	5600			180	U			490	U		
Diethylphthalate	84-66-2	1000000	1100000			180	U			42	J		

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
			Top Depth	12		14		14		15		16			
			Sample Location	SB31		SB146		SB35		SB31		SB27			
			Sample ID	SB31-12-13~AA26206~~101402		80018-SB146-1416		SB35-14-15~AA26216~~102102		SB31-15-20~A0RG4-17A70~~102102		SB27-16-17~AA26210~~101702			
			Risk Zone	I*		I*		I*		I*		I*			
			Bottom Depth	13		16		15		20		17			
			Sample Date	10/14/2002		10/24/2008		10/21/2002		10/21/2002		10/17/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Dimethylphthalate	131-11-3	1000000	1100000			180	U			490	U				
Di-N-Butyl Phthalate	84-74-2	2500000	140000			180	U			490	U				
Di-N-Octyl Phthalate	117-84-0	2500000	20000			180	U			490	U				
Fluoranthene	206-44-0	2500000	56000			180	U			12	J				
Fluorene	86-73-7	2500000	56000			180	U			490	U				
Hexachlorobenzene	118-74-1	3600	1000			180	U			490	U				
Hexachlorobutadiene	87-68-3	--	--			180	U			490	U				
Hexachlorocyclopentadiene	77-47-4	2500000	9800			180	U			490	U				
Hexachloroethane	67-72-1	410000	1000			180	U			490	U				
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000			180	U			490	U				
Isophorone	78-59-1	2500000	7400			180	U			490	U				
Naphthalene	91-20-3	2500000	56000	1	U	180	U	1	U	490	U	2	B		
Nitrobenzene	98-95-3	1000000	1000			180	U			490	U				
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			180	U			490	U				
N-Nitrosodiphenylamine	86-30-6	1200000	1400			180	U			490	U				
Pentachlorophenol	87-86-5	48000	1000			350	U			1200	U				
Phenanthrene	85-01-8	2500000	40000			180	U			490	U				
Phenol	108-95-2	2500000	800000			180	U			490	U				
Pyrene	129-00-0	2500000	40000			180	U			490	U				

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
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UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.	
			Top Depth	18		18		22.5		0		0		0	
			Sample Location	SB25		SB31		MW4D		SB45		SS18		SS18	
			Sample ID	SB25-18-19~AA26209~~101102		SB31-18-19~AA26208~~101002		S-052004-JR-149		S-051404-JR-014		SS-018~A0RG2-6A70~~103102		SS-018~AA26583~~103102	
			Risk Zone	I*		I*		I*		H*		H*		H*	
			Bottom Depth	19		19		26		4		0.25		0.25	
			Sample Date	10/11/2002		10/10/2002		5/20/2004		5/14/2004		10/31/2002		10/31/2002	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--									350	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400					1100	U	3300	U	350	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	2500000	140000					5100	U	16000	U	870	U		
2,4,6-Trichlorophenol	88-06-2	520000	1000					1100	U	3300	U	350	U		
2,4-Dichlorophenol	120-83-2	2500000	4000					1100	U	3300	U	350	U		
2,4-Dimethylphenol	105-67-9	2500000	28000					1100	U	3300	U	350	U		
2,4-Dinitrophenol	51-28-5	2500000	2800					5100	U	16000	UJ	870	U		
2,4-Dinitrotoluene	121-14-2	2500000	2800					1100	U	3300	U	350	U		
2,6-Dinitrotoluene	606-20-2	2500000	1400					1100	U	3300	U	350	U		
2-Chloronaphthalene	91-58-7	2500000	110000					1100	U	3300	U	350	U		
2-Chlorophenol	95-57-8	2500000	7200					1100	U	3300	U	350	U		
2-Methylnaphthalene	91-57-6	2500000	--					1100	U	340	J	350	U		
2-Methylphenol	95-48-7	2500000	70000					1100	U	3300	U	350	U		
2-Nitroaniline	88-74-4	1200000	1650					5100	U	16000	U	870	U		
2-Nitrophenol	88-75-5	2500000	11000					1100	U	3300	U	350	U		
3,3'-Dichlorobenzidine	91-94-1	13000	330					2100	U	6700	UJ	350	U		
3-Nitroaniline	99-09-2	2500000	4200					5100	U	16000	U	870	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--					5100	U	16000	U	870	U		
4-Bromophenyl-Phenylether	101-55-3	1000000	82000					1100	U	3300	U	350	U		
4-Chloro-3-Methylphenol	59-50-7	--	--					1100	U	3300	U	350	U		
4-Chloroaniline	106-47-8	2500000	5600					1100	U	3300	U	350	U		
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000					1100	U	3300	U	350	U		
4-Methylphenol	106-44-5	2500000	7000					1100	U	3300	U	350	U		
4-Nitroaniline	100-01-6	2500000	4200					2100	U	6700	U	870	U		
4-Nitrophenol	100-02-7	--	--					5100	U	16000	U	870	U		
Acenaphthene	83-32-9	2500000	84000					110	J	350	J	11	J		
Acenaphthylene	208-96-8	2500000	84000					75	J	6200		14	J		
Acetophenone	98-86-2	--	--					1100	U	3300	U	11	JB		
Anthracene	120-12-7	2500000	400000					110	J	5200		25	J		
Atrazine	1912-24-9	26000	200					1100	U	3300	U	350	U		
Benzaldehyde	100-52-7	--	--					1100	UJ	3300	UJ	350	U		
Benzo(A)Anthracene	56-55-3	7800	1000					170	J	**8800**		120	J		
Benzo(A)Pyrene	50-32-8	1000	1000					130	J	**9400**		150	J		
Benzo(B)Fluoranthene	205-99-2	7800	1000					260	J	**11000**		200	J		
Benzo(G,H,I)Perylene	191-24-2	2500000	42000					1100	U	2800	J	150	J		
Benzo(K)Fluoranthene	207-08-9	78000	1000					1100	U	**11000**		170	J		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--					1100	U	3300	U	350	U		
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400					1100	U	3300	U	350	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000					1100	U	3300	U	140	JB		
Butylbenzylphthalate	85-68-7	2500000	200000					1100	U	3300	U	47	J		
Caprolactam	105-60-2	--	--					1100	U	3300	U	350	U		
Carbazole	86-74-8	290000	1000					1100	U	**1200**	J	23	J		
Chrysene	218-01-9	780000	1000					180	J	**12000**		180	J		
Dibenz(A,H)Anthracene	53-70-3	1000	1000					1100	U	**1400**	J	49	J		
Dibenzofuran	132-64-9	2500000	5600					120	J	310	J	350	U		
Diethylphthalate	84-66-2	1000000	1100000					1100	U	3300	U	350	U		

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.			
			Top Depth	18		18		22.5		0		0		0			
			Sample Location	SB25		SB31		MW4D		SB45		SS18		SS18			
			Sample ID	SB25-18-19~AA26209~~101102		SB31-18-19~AA26208~~101002		S-052004-JR-149		S-051404-JR-014		SS-018~A0RG2-6A70~~103102		SS-018~AA26583~~103102			
			Risk Zone	I*		I*		I*		H*		H*		H*			
			Bottom Depth	19		19		26		4		0.25		0.25			
			Sample Date	10/11/2002		10/10/2002		5/20/2004		5/14/2004		10/31/2002		10/31/2002			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Dimethylphthalate	131-11-3	1000000	1100000					1100	U	3300	U	350	U				
Di-N-Butyl Phthalate	84-74-2	2500000	140000					1100	U	3300	U	350	U				
Di-N-Octyl Phthalate	117-84-0	2500000	20000					1100	U	3300	U	350	U				
Fluoranthene	206-44-0	2500000	56000					460	J	21000		290	J				
Fluorene	86-73-7	2500000	56000					150	J	490	J	350	U				
Hexachlorobenzene	118-74-1	3600	1000					1100	U	3300	U	350	U				
Hexachlorobutadiene	87-68-3	--	--					1100	U	3300	U	350	U				
Hexachlorocyclopentadiene	77-47-4	2500000	9800					1100	U	3300	U	350	U				
Hexachloroethane	67-72-1	410000	1000					1100	UJ	3300	U	350	U				
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000					**1100**	J	**2800**	J	150	J				
Isophorone	78-59-1	2500000	7400					1100	U	3300	U	350	U				
Naphthalene	91-20-3	2500000	56000	220	U	1	U	1100	U	370	J	350	U	1	U		
Nitrobenzene	98-95-3	1000000	1000					1100	U	3300	U	350	U				
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000					1100	U	3300	U	350	U				
N-Nitrosodiphenylamine	86-30-6	1200000	1400					1100	U	3300	U	350	U				
Pentachlorophenol	87-86-5	48000	1000					5100	U	16000	UJ	870	U				
Phenanthrene	85-01-8	2500000	40000					310	J	8400		130	J				
Phenol	108-95-2	2500000	800000					1100	U	3300	U	350	U				
Pyrene	129-00-0	2500000	40000					290	J	16000		260	J				

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	55 Store Ave.		55 Store Ave.		55 Store Ave.		77 Store Ave.		77 Store Ave.		77 Store Ave.		77 Store Ave.		87 Store Ave.	
			Top Depth	4		4		11		0		0		9		15		0	
			Sample Location	SB194		SB45		SB45		SS16		SS16		SB147		SB148		SB47	
			Sample ID	80018-SB194-0410-0311		S-051404-JR-012		S-051404-JR-016		SS-016~A0KK9-2A66~~110102		SS-016~AA26625~~110102		80018-SB147-0911		80018-SB148-1517		S-051904-JR-127	
			Risk Zone	H*		H*		H*		H*		H*		H*		H*		H*	
			Bottom Depth	9		5.5		15		0.25		0.25		11		17		1.6	
			Sample Date	3/29/2011		5/14/2004		5/14/2004		11/1/2002		11/1/2002		10/29/2008		10/29/2008		5/19/2004	
			Sample Type	N		N		N		N		N		N		N		N	
			Field Duplicate Parent																
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	260	U					350	U			410	U	280	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400	260	U									410	U	280	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	260	U									410	U	280	U		
2,4,5-Trichlorophenol	95-95-4	2500000	140000	260	U	20000	U	2600	U	870	U			410	U	280	U	3400	U
2,4,6-Trichlorophenol	88-06-2	520000	1000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
2,4-Dichlorophenol	120-83-2	2500000	4000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
2,4-Dimethylphenol	105-67-9	2500000	28000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
2,4-Dinitrophenol	51-28-5	2500000	2800	510	U	20000	UJ	2600	UJ	870	U			800	U	550	U	3400	U
2,4-Dinitrotoluene	121-14-2	2500000	2800	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
2,6-Dinitrotoluene	606-20-2	2500000	1400	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
2-Chloronaphthalene	91-58-7	2500000	110000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
2-Chlorophenol	95-57-8	2500000	7200	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
2-Methylnaphthalene	91-57-6	2500000	--	51	J	4100	U	530	U	350	U			410	U	280	U	710	U
2-Methylphenol	95-48-7	2500000	70000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
2-Nitroaniline	88-74-4	1200000	1650	510	U	20000	U	2600	U	870	U			800	U	550	U	3400	U
2-Nitrophenol	88-75-5	2500000	11000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
3,3'-Dichlorobenzidine	91-94-1	13000	330	260	U	8200	U	1100	UJ	350	U			410	U	280	U	1400	U
3-Nitroaniline	99-09-2	2500000	4200	510	U	20000	U	2600	U	870	U			800	U	550	U	3400	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	510	U	20000	U	2600	U	870	U			800	U	550	U	3400	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
4-Chloro-3-Methylphenol	59-50-7	--	--	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
4-Chloroaniline	106-47-8	2500000	5600	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
4-Methylphenol	106-44-5	2500000	7000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
4-Nitroaniline	100-01-6	2500000	4200	510	U	8200	U	1100	U	870	U			800	U	550	U	1400	U
4-Nitrophenol	100-02-7	--	--	510	U	20000	U	2600	U	870	U			800	U	550	U	3400	U
Acenaphthene	83-32-9	2500000	84000	260	U	850	J	530	U	350	U			51	J	200	J	710	U
Acenaphthylene	208-96-8	2500000	84000	110	J	1200	J	92	J	11	J			410	U	87	J	77	J
Acetophenone	98-86-2	--	--	130	J	4100	U	530	U	23	JB			410	U	280	U	710	U
Anthracene	120-12-7	2500000	400000	180	J	2700	J	61	J	32	J			160	J	140	J	79	J
Atrazine	1912-24-9	26000	200	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Benzaldehyde	100-52-7	--	--	260	U	4100	UJ	530	UJ	35	JB			410	U	280	U	710	U
Benzo(A)Anthracene	56-55-3	7800	1000	510		**11000**		150	J	150	J			350	J	350		220	J
Benzo(A)Pyrene	50-32-8	1000	1000	**1000**		**11000**		160	J	150	J			310	J	260	J	210	J
Benzo(B)Fluoranthene	205-99-2	7800	1000	400		**12000**		230	J	310	XJ			520		470		420	J
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	630		5700		100	J	180	J			77	J	90	J	190	J
Benzo(K)Fluoranthene	207-08-9	78000	1000	**1300**		**9100**		160	J	370	X			310	J	430		710	UJ
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	260	U	4100	U	170	J	80	JB			41	BJ	280	U	110	J
Butylbenzylphthalate	85-68-7	2500000	200000	260	U	4100	U	530	U	350	U			410	U	280	U	38	J
Caprolactam	105-60-2	--	--	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Carbazole	86-74-8	290000	1000	260	U	**1500**	J	530	U	34	J			110	J	280	U	710	U
Chrysene	218-01-9	780000	1000	**2200**		**12000**		210	J	210	J			440		700		270	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000	190	J	**2700**	J	56	J	60	J			410	U	280	U	65	J
Dibenzofuran	132-64-9	2500000	5600	260	U	540	J	530	U	350	U			49	J	61	J	710	U
Diethylphthalate	84-66-2	1000000	1100000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	55 Store Ave.		55 Store Ave.		55 Store Ave.		77 Store Ave.		77 Store Ave.		77 Store Ave.		77 Store Ave.		87 Store Ave.	
			Top Depth	4		4		11		0		0		9		15		0	
			Sample Location	SB194		SB45		SB45		SS16		SS16		SB147		SB148		SB47	
			Sample ID	80018-SB194-0410-0311		S-051404-JR-012		S-051404-JR-016		SS-016~A0KK9-2A66~~110102		SS-016~AA26625~~110102		80018-SB147-0911		80018-SB148-1517		S-051904-JR-127	
			Risk Zone	H*		H*		H*		H*		H*		H*		H*		H*	
			Bottom Depth	9		5.5		15		0.25		0.25		11		17		1.6	
			Sample Date	3/29/2011		5/14/2004		5/14/2004		11/1/2002		11/1/2002		10/29/2008		10/29/2008		5/19/2004	
			Sample Type	N		N		N		N		N		N		N		N	
			Field Duplicate Parent																
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Dimethylphthalate	131-11-3	1000000	1100000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Di-N-Butyl Phthalate	84-74-2	2500000	140000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Di-N-Octyl Phthalate	117-84-0	2500000	20000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Fluoranthene	206-44-0	2500000	56000	1900		25000		320	J	270	J			1400		2400		520	J
Fluorene	86-73-7	2500000	56000	100	J	930	J	530	U	350	U			74	J	300		710	U
Hexachlorobenzene	118-74-1	3600	1000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Hexachlorobutadiene	87-68-3	--	--	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Hexachlorocyclopentadiene	77-47-4	2500000	9800	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Hexachloroethane	67-72-1	410000	1000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	690		**5700**		100	J	160	J			81	J	90	J	160	J
Isophorone	78-59-1	2500000	7400	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Naphthalene	91-20-3	2500000	56000	64	J	4100	U	530	U	350	U	5	U	410	U	93	J	710	U
Nitrobenzene	98-95-3	1000000	1000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
N-Nitrosodiphenylamine	86-30-6	1200000	1400	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Pentachlorophenol	87-86-5	48000	1000	510	U	20000	UJ	2600	UJ	870	U			800	U	550	U	3400	U
Phenanthrene	85-01-8	2500000	40000	1400		12000		110	J	99	J			840		600		260	J
Phenol	108-95-2	2500000	800000	260	U	4100	U	530	U	350	U			410	U	280	U	710	U
Pyrene	129-00-0	2500000	40000	2600		23000		240	J	220	J			750		1500		400	J

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
			Top Depth	0		0		0		0		4	
			Sample Location	SS10		SS10		SS19		SS19		SB193	
			Sample ID	SS-010~A0RG2-15B70~~103102		SS-010~AA26566~~103102		SS-019~A0RG2-7DA70~~103102		SS-019~AA26584~~103102		80018-SB193-0410-0311	
			Risk Zone	H*		H*		H*		H*		H*	
			Bottom Depth	0.25		0.25		0.25		0.25		9	
			Sample Date	10/31/2002		10/31/2002		10/31/2002		10/31/2002		3/30/2011	
			Sample Type	N		N		N		N		N	
			Field Duplicate Parent										
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	390	U			700	U			610	U
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400									610	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	390	U			700	U			610	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--									610	U
2,4,5-Trichlorophenol	95-95-4	2500000	140000	980	U			1800	U			610	U
2,4,6-Trichlorophenol	88-06-2	520000	1000	390	U			700	U			610	U
2,4-Dichlorophenol	120-83-2	2500000	4000	390	U			700	U			610	U
2,4-Dimethylphenol	105-67-9	2500000	28000	390	U			700	U			610	U
2,4-Dinitrophenol	51-28-5	2500000	2800	980	U			1800	U			1200	U
2,4-Dinitrotoluene	121-14-2	2500000	2800	390	U			700	U			610	U
2,6-Dinitrotoluene	606-20-2	2500000	1400	390	U			700	U			610	U
2-Chloronaphthalene	91-58-7	2500000	110000	390	U			700	U			610	U
2-Chlorophenol	95-57-8	2500000	7200	390	U			700	U			610	U
2-Methylnaphthalene	91-57-6	2500000	--	21	J			700	U			110	J
2-Methylphenol	95-48-7	2500000	70000	390	U			700	U			610	U
2-Nitroaniline	88-74-4	1200000	1650	980	U			1800	U			1200	U
2-Nitrophenol	88-75-5	2500000	11000	390	U			700	U			610	U
3,3'-Dichlorobenzidine	91-94-1	13000	330	390	U			700	U			610	U
3-Nitroaniline	99-09-2	2500000	4200	980	U			1800	U			1200	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	980	U			1800	U			1200	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	390	U			700	U			610	U
4-Chloro-3-Methylphenol	59-50-7	--	--	390	U			700	U			610	U
4-Chloroaniline	106-47-8	2500000	5600	390	U			700	U			610	U
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	390	U			700	U			610	U
4-Methylphenol	106-44-5	2500000	7000	390	U			700	U			610	U
4-Nitroaniline	100-01-6	2500000	4200	980	U			1800	U			1200	U
4-Nitrophenol	100-02-7	--	--	980	U			1800	U			1200	U
Acenaphthene	83-32-9	2500000	84000	36	J			700	U			610	U
Acenaphthylene	208-96-8	2500000	84000	320	J			23	J			140	J
Acetophenone	98-86-2	--	--	390	U			70	JB			370	J
Anthracene	120-12-7	2500000	400000	330	J			37	J			300	J
Atrazine	1912-24-9	26000	200	390	U			700	U			610	U
Benzaldehyde	100-52-7	--	--	390	U			34	J			610	U
Benzo(A)Anthracene	56-55-3	7800	1000	**1200**				110	J			**2000**	
Benzo(A)Pyrene	50-32-8	1000	1000	**1500**				130	J			**2300**	
Benzo(B)Fluoranthene	205-99-2	7800	1000	**1700**				170	J			**2800**	
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	820				110	J			1600	
Benzo(K)Fluoranthene	207-08-9	78000	1000	**1400**				180	J			**2400**	
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	390	U			700	U			610	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	390	U			700	U			610	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	98	JB			120	JB			610	U
Butylbenzylphthalate	85-68-7	2500000	200000	390	U			97	J			610	U
Caprolactam	105-60-2	--	--	390	U			700	U			610	U
Carbazole	86-74-8	290000	1000	140	J			20	J			280	J
Chrysene	218-01-9	780000	1000	**1500**				200	J			**3000**	
Dibenz(A,H)Anthracene	53-70-3	1000	1000	270	J			700	U			460	J
Dibenzofuran	132-64-9	2500000	5600	40	J			700	U			610	U
Diethylphthalate	84-66-2	1000000	1100000	390	U			700	U			610	U

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.			
			Top Depth	0		0		0		0		4			
			Sample Location	SS10		SS10		SS19		SS19		SB193			
			Sample ID	SS-010~A0RG2-15B70~~103102		SS-010~AA26566~~103102		SS-019~A0RG2-7DA70~~103102		SS-019~AA26584~~103102		80018-SB193-0410-0311			
			Risk Zone	H*		H*		H*		H*		H*			
			Bottom Depth	0.25		0.25		0.25		0.25		9			
			Sample Date	10/31/2002		10/31/2002		10/31/2002		10/31/2002		3/30/2011			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Dimethylphthalate	131-11-3	1000000	1100000	22	J			700	U			610	U		
Di-N-Butyl Phthalate	84-74-2	2500000	140000	16	JB			700	U			610	U		
Di-N-Octyl Phthalate	117-84-0	2500000	20000	390	U			700	U			610	U		
Fluoranthene	206-44-0	2500000	56000	2700				280	J			4900			
Fluorene	86-73-7	2500000	56000	62	J			700	U			180	J		
Hexachlorobenzene	118-74-1	3600	1000	390	U			700	U			610	U		
Hexachlorobutadiene	87-68-3	--	--	390	U			700	U			610	U		
Hexachlorocyclopentadiene	77-47-4	2500000	9800	390	U			700	U			610	U		
Hexachloroethane	67-72-1	410000	1000	390	U			700	U			610	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	910				110	J			**1800**			
Isophorone	78-59-1	2500000	7400	390	U			700	U			610	U		
Naphthalene	91-20-3	2500000	56000	29	J	1	U	700	U	1	U	110	J		
Nitrobenzene	98-95-3	1000000	1000	390	U			700	U			610	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	390	U			700	U			610	U		
N-Nitrosodiphenylamine	86-30-6	1200000	1400	390	U			700	U			610	U		
Pentachlorophenol	87-86-5	48000	1000	980	U			1800	U			1200	U		
Phenanthrene	85-01-8	2500000	40000	1300				130	J			2800			
Phenol	108-95-2	2500000	800000	390	U			700	U			610	U		
Pyrene	129-00-0	2500000	40000	2100				220	J			5700			

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.			
			Top Depth	3		5		8		10		10			
			Sample Location	SB47		SB20		SB20		SB20		SB47			
			Sample ID	S-051904-JR-128		SB20-05-10~A0RG4-10A70~~102102		SB20-08-09~AA26207~~100902		SB20-10-15~A0RG4-14A70~~102102		S-051904-JR-129			
			Risk Zone	H*		H*		H*		H*		H*			
			Bottom Depth	6		10		9		15		14			
			Sample Date	5/19/2004		10/21/2002		10/9/2002		10/21/2002		5/19/2004			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
1,1'-Biphenyl	92-52-4	--	--			520	U			550	U				
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400												
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	950	U	520	U			550	U	670	U		
2,3,4,6-Tetrachlorophenol	58-90-2	--	--												
2,4,5-Trichlorophenol	95-95-4	2500000	140000	4600	U	1300	U			1400	U	3200	U		
2,4,6-Trichlorophenol	88-06-2	520000	1000	950	U	520	U			550	U	670	U		
2,4-Dichlorophenol	120-83-2	2500000	4000	950	U	520	U			550	U	670	U		
2,4-Dimethylphenol	105-67-9	2500000	28000	950	U	520	U			550	U	670	U		
2,4-Dinitrophenol	51-28-5	2500000	2800	4600	U	1300	U			1400	U	3200	UJ		
2,4-Dinitrotoluene	121-14-2	2500000	2800	950	U	520	U			550	U	670	U		
2,6-Dinitrotoluene	606-20-2	2500000	1400	950	U	520	U			550	U	670	U		
2-Chloronaphthalene	91-58-7	2500000	110000	950	U	520	U			550	U	670	U		
2-Chlorophenol	95-57-8	2500000	7200	950	U	520	U			550	U	670	U		
2-Methylnaphthalene	91-57-6	2500000	--	230	J	520	U			550	U	670	U		
2-Methylphenol	95-48-7	2500000	70000	950	U	520	U			550	U	670	U		
2-Nitroaniline	88-74-4	1200000	1650	4600	U	1300	U			1400	U	3200	U		
2-Nitrophenol	88-75-5	2500000	11000	950	U	520	U			550	U	670	U		
3,3'-Dichlorobenzidine	91-94-1	13000	330	1900	U	520	U			550	U	1300	U		
3-Nitroaniline	99-09-2	2500000	4200	4600	U	1300	U			1400	U	3200	U		
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	4600	U	1300	U			1400	U	3200	U		
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	950	U	520	U			550	U	670	U		
4-Chloro-3-Methylphenol	59-50-7	--	--	950	U	520	U			550	U	670	U		
4-Chloroaniline	106-47-8	2500000	5600	950	U	520	U			550	U	670	U		
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	950	U	520	U			550	U	670	U		
4-Methylphenol	106-44-5	2500000	7000	950	U	520	U			550	U	670	U		
4-Nitroaniline	100-01-6	2500000	4200	1900	U	1300	U			1400	U	1300	U		
4-Nitrophenol	100-02-7	--	--	3400	U	1300	U			1400	U	3200	U		
Acenaphthene	83-32-9	2500000	84000	66	J	520	U			550	U	670	U		
Acenaphthylene	208-96-8	2500000	84000	670	J	520	U			550	U	670	U		
Acetophenone	98-86-2	--	--	950	U	59	JB			290	JB	670	U		
Anthracene	120-12-7	2500000	400000	510	J	520	U			29	J	670	U		
Atrazine	1912-24-9	26000	200	950	U	520	U			550	U	670	U		
Benzaldehyde	100-52-7	--	--	950	U	520	U			91	J	670	UJ		
Benzo(A)Anthracene	56-55-3	7800	1000	**1200**		28	J			66	J	670	U		
Benzo(A)Pyrene	50-32-8	1000	1000	**1300**		28	J			48	J	670	U		
Benzo(B)Fluoranthene	205-99-2	7800	1000	**2600**	J	32	J			57	J	670	U		
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	890	J	520	U			550	U	670	U		
Benzo(K)Fluoranthene	207-08-9	78000	1000	950	UJ	26	J			48	J	670	U		
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	950	U	520	U			550	U	670	U		
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	950	U	520	U			550	U	670	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	160	J	370	JB			190	JB	290	J		
Butylbenzylphthalate	85-68-7	2500000	200000	950	U	520	U			550	U	670	U		
Caprolactam	105-60-2	--	--	950	U	520	U			550	U	670	U		
Carbazole	86-74-8	290000	1000	250	J	520	U			550	U	670	U		
Chrysene	218-01-9	780000	1000	**1600**		54	J			94	J	670	U		
Dibenz(A,H)Anthracene	53-70-3	1000	1000	390	J	520	U			550	U	670	U		
Dibenzofuran	132-64-9	2500000	5600	94	J	520	U			550	U	670	U		
Diethylphthalate	84-66-2	1000000	1100000	950	U	520	U			550	U	670	U		

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.			
			Top Depth	3		5		8		10		10			
			Sample Location	SB47		SB20		SB20		SB20		SB47			
			Sample ID	S-051904-JR-128		SB20-05-10~A0RG4-10A70~~102102		SB20-08-09~AA26207~~100902		SB20-10-15~A0RG4-14A70~~102102		S-051904-JR-129			
			Risk Zone	H*		H*		H*		H*		H*			
			Bottom Depth	6		10		9		15		14			
			Sample Date	5/19/2004		10/21/2002		10/9/2002		10/21/2002		5/19/2004			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Dimethylphthalate	131-11-3	1000000	1100000	950	U	520	U			550	U	670	U		
Di-N-Butyl Phthalate	84-74-2	2500000	140000	950	U	520	U			550	U	670	U		
Di-N-Octyl Phthalate	117-84-0	2500000	20000	950	U	520	U			550	U	670	U		
Fluoranthene	206-44-0	2500000	56000	3100		60	J			180	J	100	J		
Fluorene	86-73-7	2500000	56000	170	J	520	U			550	U	670	U		
Hexachlorobenzene	118-74-1	3600	1000	950	U	520	U			550	U	670	U		
Hexachlorobutadiene	87-68-3	--	--	950	U	520	U			550	U	670	U		
Hexachlorocyclopentadiene	77-47-4	2500000	9800	950	U	520	U			550	U	670	U		
Hexachloroethane	67-72-1	410000	1000	950	U	520	U			550	U	670	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	860	J	25	J			34	J	670	U		
Isophorone	78-59-1	2500000	7400	950	U	520	U			550	U	670	U		
Naphthalene	91-20-3	2500000	56000	120	J	520	U	2	U	550	U	670	U		
Nitrobenzene	98-95-3	1000000	1000	950	U	520	U			550	U	670	U		
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	950	U	520	U			550	U	670	U		
N-Nitrosodiphenylamine	86-30-6	1200000	1400	950	U	520	U			550	U	670	U		
Pentachlorophenol	87-86-5	48000	1000	4600	U	1300	U			1400	U	3200	U		
Phenanthrene	85-01-8	2500000	40000	1600		44	J			140	J	80	J		
Phenol	108-95-2	2500000	800000	950	U	520	U			550	U	670	U		
Pyrene	129-00-0	2500000	40000	2500		63	J			170	J	75	J		

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		Meriden Rd.		Meriden Rd.		Used Auto Lot Meriden Rd.	
			Top Depth	14		15		16		20		0		5		0	
			Sample Location	SB20		SB149		SB47		SB47		SS118		SB128		SS38	
			Sample ID	SB20-14-15~AA26205~~100902		80018-SB149-1517		S-051904-JR-132		S-051904-JR-133		80018-SS118-0002		80018-SB128-0507		S-052004-DK-145	
			Risk Zone	H*		H*		H*		H*		D3*		D3*		D3*	
			Bottom Depth	15		17		18		24		2		7		0.5	
			Sample Date	10/9/2002		10/27/2008		5/19/2004		5/19/2004		10/22/2008		10/22/2008		5/20/2004	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			280	U					190	U	180	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400			280	U					190	U	180	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400			280	U	5200	U	420	U	190	U	180	U	1700	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--			280	U					190	U	180	U		
2,4,5-Trichlorophenol	95-95-4	2500000	140000			280	U	25000	U	2000	U	190	U	180	U	8000	U
2,4,6-Trichlorophenol	88-06-2	520000	1000			280	U	5200	U	420	U	190	U	180	U	1700	U
2,4-Dichlorophenol	120-83-2	2500000	4000			280	U	5200	U	420	U	190	U	180	U	1700	U
2,4-Dimethylphenol	105-67-9	2500000	28000			280	U	5200	U	420	U	190	U	180	U	1700	U
2,4-Dinitrophenol	51-28-5	2500000	2800			550	U	25000	U	2000	UJ	360	U	350	U	8000	U
2,4-Dinitrotoluene	121-14-2	2500000	2800			280	U	5200	U	420	U	190	UJ	180	UJ	1700	U
2,6-Dinitrotoluene	606-20-2	2500000	1400			280	U	5200	U	420	U	190	U	180	U	1700	U
2-Chloronaphthalene	91-58-7	2500000	110000			280	U	5200	U	420	U	190	U	180	U	1700	U
2-Chlorophenol	95-57-8	2500000	7200			280	U	5200	U	420	U	190	U	180	U	1700	U
2-Methylnaphthalene	91-57-6	2500000	--			44	J	5200	U	420	U	39	J	53	J	1700	U
2-Methylphenol	95-48-7	2500000	70000			280	U	5200	U	420	U	190	U	180	U	1700	U
2-Nitroaniline	88-74-4	1200000	1650			550	U	25000	U	2000	U	360	U	350	U	8000	U
2-Nitrophenol	88-75-5	2500000	11000			280	U	5200	U	420	U	190	U	180	U	1700	U
3,3'-Dichlorobenzidine	91-94-1	13000	330			280	U	10000	U	840	U	190	U	180	U	3300	U
3-Nitroaniline	99-09-2	2500000	4200			550	U	25000	U	2000	U	360	U	350	U	8000	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--			550	U	25000	U	2000	U	360	U	350	U	8000	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000			280	U	5200	U	420	U	190	U	180	U	1700	U
4-Chloro-3-Methylphenol	59-50-7	--	--			280	U	5200	U	420	U	190	U	180	U	1700	U
4-Chloroaniline	106-47-8	2500000	5600			280	U	5200	U	420	U	190	U	180	U	1700	U
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000			280	U	5200	U	420	U	190	U	180	U	1700	U
4-Methylphenol	106-44-5	2500000	7000			280	U	5200	U	420	U	190	U	180	U	1700	U
4-Nitroaniline	100-01-6	2500000	4200			550	U	10000	U	840	U	360	U	350	U	3300	U
4-Nitrophenol	100-02-7	--	--			550	U	5200	U	2000	U	360	U	350	U	8000	U
Acenaphthene	83-32-9	2500000	84000			77	J	450	J	420	U	42	J	66	J	1700	U
Acenaphthylene	208-96-8	2500000	84000			290		2800	J	35	J	750		640		480	J
Acetophenone	98-86-2	--	--			280	U	5200	U	420	U	45	J	71	J	1700	U
Anthracene	120-12-7	2500000	400000			470		5700		58	J	460		440		380	J
Atrazine	1912-24-9	26000	200			280	U	5200	U	420	U	190	U	180	U	1700	U
Benzaldehyde	100-52-7	--	--			280	U	5200	U	420	UJ	190	U	180	U	1700	UJ
Benzo(A)Anthracene	56-55-3	7800	1000			**1300**		**13000**		120	J	**3800**	D	**3200**	D	900	J
Benzo(A)Pyrene	50-32-8	1000	1000			**1500**		**10000**		77	J	**3800**	D	**3400**	D	**1100**	J
Benzo(B)Fluoranthene	205-99-2	7800	1000			**2200**		**17000**	J	91	J	**5600**	D	**4700**	D	**2800**	
Benzo(G,H,I)Perylene	191-24-2	2500000	42000			200	J	3200	J	48	J	700		580		320	J
Benzo(K)Fluoranthene	207-08-9	78000	1000			**2300**		5200	UJ	85	J	**3600**	D	**3000**	D	1700	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	--			280	U	5200	U	420	U	190	U	180	U	1700	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400			280	U	5200	U	420	U	190	U	180	U	1700	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000			280	U	5200	U	85	J	190	U	180	U	430	J
Butylbenzylphthalate	85-68-7	2500000	200000			280	U	5200	U	420	U	190	U	180	U	160	J
Caprolactam	105-60-2	--	--			280	U	5200	U	420	U	190	U	180	U	1700	U
Carbazole	86-74-8	290000	1000			170	J	**1100**	J	420	U	100	J	150	J	180	J
Chrysene	218-01-9	780000	1000			**1600**		**14000**		110	J	**4000**	D	**3900**	D	**1600**	J
Dibenz(A,H)Anthracene	53-70-3	1000	1000			61	J	**2000**	J	420	U	310		230		150	J
Dibenzofuran	132-64-9	2500000	5600			110	J	850	J	20	J	76	J	62	J	1700	U
Diethylphthalate	84-66-2	1000000	1100000			280	U	5200	U	420	U	190	U	180	U	1700	U

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		Meriden Rd.		Meriden Rd.		Used Auto Lot Meriden Rd.	
			Top Depth	14		15		16		20		0		5		0	
			Sample Location	SB20		SB149		SB47		SB47		SS118		SB128		SS38	
			Sample ID	SB20-14-15~AA26205~~100902		80018-SB149-1517		S-051904-JR-132		S-051904-JR-133		80018-SS118-0002		80018-SB128-0507		S-052004-DK-145	
			Risk Zone	H*		H*		H*		H*		D3*		D3*		D3*	
			Bottom Depth	15		17		18		24		2		7		0.5	
			Sample Date	10/9/2002		10/27/2008		5/19/2004		5/19/2004		10/22/2008		10/22/2008		5/20/2004	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Dimethylphthalate	131-11-3	1000000	1100000			280	U	5200	U	420	U	190	U	180	U	1700	U
Di-N-Butyl Phthalate	84-74-2	2500000	140000			280	U	5200	U	420	U	190	U	180	U	82	J
Di-N-Octyl Phthalate	117-84-0	2500000	20000			280	U	5200	U	420	U	190	UJ	180	UJ	1700	U
Fluoranthene	206-44-0	2500000	56000			4200		31000		350	J	5600	D	7200	D	2600	
Fluorene	86-73-7	2500000	56000			160	J	2600	J	32	J	160	J	120	J	1700	U
Hexachlorobenzene	118-74-1	3600	1000			280	U	5200	U	420	U	190	U	180	U	1700	U
Hexachlorobutadiene	87-68-3	--	--			280	U	5200	U	420	U	190	U	180	U	1700	U
Hexachlorocyclopentadiene	77-47-4	2500000	9800			280	U	5200	U	420	U	190	UJ	180	UJ	1700	U
Hexachloroethane	67-72-1	410000	1000			280	U	5200	U	420	U	190	U	180	U	1700	UJ
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000			230	J	**3800**	J	41	J	860		650		350	J
Isophorone	78-59-1	2500000	7400			280	U	5200	U	420	U	190	U	180	U	1700	U
Naphthalene	91-20-3	2500000	56000	2	U	54	J	5200	U	420	U	36	J	37	J	1700	U
Nitrobenzene	98-95-3	1000000	1000			280	U	5200	U	420	U	190	U	180	U	1700	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000			280	U	5200	U	420	U	190	U	180	U	1700	U
N-Nitrosodiphenylamine	86-30-6	1200000	1400			280	U	5200	U	420	U	190	U	180	U	1700	U
Pentachlorophenol	87-86-5	48000	1000			550	U	25000	U	2000	U	360	U	350	UJ	8000	U
Phenanthrene	85-01-8	2500000	40000			2100		23000		250	J	1700		2700		1200	J
Phenol	108-95-2	2500000	800000			280	U	5200	U	420	U	190	U	180	U	1700	U
Pyrene	129-00-0	2500000	40000			1500		22000		260	J	3700	D	4900	D	1800	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.	
			Top Depth	0		4		0.5		6		10		15	
			Sample Location	SS38		SB200		SB38		SB38		SB38		SB38	
			Sample ID	S-052004-DK-150		80018-SB200-0410-0311		S-051204-JR-025		S-051204-JR-027		S-051204-JR-029		S-051204-JR-031	
			Risk Zone	D3*		D3*		D3*		D3*		D3*		D3*	
			Bottom Depth	0.5		9		4		10		15		16	
			Sample Date	5/20/2004		3/28/2011		5/12/2004		5/12/2004		5/12/2004		5/12/2004	
			Sample Type	FD		N		N		N		N		N	
			Field Duplicate Parent	S-052004-DK-145											
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--			760	U								
1,2,4,5-Tetrachlorobenzene	95-94-3	--	400			760	U								
2,2'-Oxybis(1-Chloropropane)	108-60-1	82000	2400	1700	U	760	U	1400	U	390	U	400	U	410	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--			760	U								
2,4,5-Trichlorophenol	95-95-4	2500000	140000	8400	U	760	U	130	J	1900	U	1900	U	2000	U
2,4,6-Trichlorophenol	88-06-2	520000	1000	1700	U	760	U	1400	U	390	U	400	U	410	U
2,4-Dichlorophenol	120-83-2	2500000	4000	1700	U	760	U	1400	U	390	U	400	U	410	U
2,4-Dimethylphenol	105-67-9	2500000	28000	1700	U	760	U	1400	U	390	U	400	U	410	U
2,4-Dinitrophenol	51-28-5	2500000	2800	8400	U	1500	U	6700	UJ	1900	UJ	1900	UJ	2000	UJ
2,4-Dinitrotoluene	121-14-2	2500000	2800	1700	U	760	U	1400	U	390	U	400	U	410	U
2,6-Dinitrotoluene	606-20-2	2500000	1400	1700	U	760	U	1400	U	390	U	400	U	410	U
2-Chloronaphthalene	91-58-7	2500000	110000	1700	U	760	U	1400	UJ	390	UJ	400	UJ	410	U
2-Chlorophenol	95-57-8	2500000	7200	1700	U	760	U	1400	U	390	U	400	U	410	U
2-Methylnaphthalene	91-57-6	2500000	--	1700	U	760	U	1400	U	390	U	400	U	40	J
2-Methylphenol	95-48-7	2500000	70000	1700	U	760	U	1400	UJ	390	UJ	400	UJ	410	U
2-Nitroaniline	88-74-4	1200000	1650	8400	U	1500	U	6700	U	1900	U	1900	U	2000	U
2-Nitrophenol	88-75-5	2500000	11000	1700	U	760	U	1400	U	390	U	400	U	410	U
3,3'-Dichlorobenzidine	91-94-1	13000	330	3400	U	760	U	2800	U	780	UJ	790	U	810	UJ
3-Nitroaniline	99-09-2	2500000	4200	8400	U	1500	U	6700	U	1900	U	1900	U	2000	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	8400	U	1500	U	6700	U	1900	U	1900	U	2000	U
4-Bromophenyl-Phenylether	101-55-3	1000000	82000	1700	U	760	U	1400	U	390	U	400	U	410	U
4-Chloro-3-Methylphenol	59-50-7	--	--	1700	U	760	U	1400	U	390	U	400	U	410	U
4-Chloroaniline	106-47-8	2500000	5600	1700	U	760	U	1400	U	390	U	400	U	410	U
4-Chlorophenyl-Phenylether	7005-72-3	1000000	82000	1700	U	760	U	1400	U	390	U	400	U	410	U
4-Methylphenol	106-44-5	2500000	7000	1700	U	760	U	1400	U	390	U	400	U	410	U
4-Nitroaniline	100-01-6	2500000	4200	3400	U	1500	U	2800	U	780	U	790	U	810	U
4-Nitrophenol	100-02-7	--	--	8400	U	1500	U	6700	U	1900	U	1900	U	2000	U
Acenaphthene	83-32-9	2500000	84000	1700	U	760	U	100	J	390	U	400	U	410	U
Acenaphthylene	208-96-8	2500000	84000	560	J	170	J	3200		110	J	290	J	330	J
Acetophenone	98-86-2	--	--	1700	U	760	U	1400	U	390	U	400	U	410	U
Anthracene	120-12-7	2500000	400000	390	J	240	J	1600		58	J	150	J	190	J
Atrazine	1912-24-9	26000	200	1700	U	760	U	1400	U	390	U	400	U	410	U
Benzaldehyde	100-52-7	--	--	1700	UJ	760	U	1400	UJ	390	UJ	400	UJ	410	UJ
Benzo(A)Anthracene	56-55-3	7800	1000	940	J	**2800**		**4400**		170	J	370	J	430	
Benzo(A)Pyrene	50-32-8	1000	1000	**1200**	J	**3100**		**4700**		140	J	340	J	400	J
Benzo(B)Fluoranthene	205-99-2	7800	1000	**3000**		**3100**		**7600**		140	J	410		470	
Benzo(G,H,I)Perylene	191-24-2	2500000	42000	310	J	2400		3900		91	J	310	J	310	J
Benzo(K)Fluoranthene	207-08-9	78000	1000	1700	U	**3500**		1400	U	160	J	320	J	370	J
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	1700	U	760	U	1400	U	390	U	400	U	410	U
Bis(2-Chloroethyl)Ether	111-44-4	5200	2400	1700	U	760	U	1400	UJ	390	UJ	400	UJ	410	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410000	11000	460	J	760	U	1400	U	390	U	400	U	48	J
Butylbenzylphthalate	85-68-7	2500000	200000	160	J	760	U	1400	U	390	U	400	U	410	U
Caprolactam	105-60-2	--	--	1700	U	760	U	1400	U	390	U	400	U	410	U
Carbazole	86-74-8	290000	1000	190	J	760	U	320	J	390	U	30	J	50	J
Chrysene	218-01-9	780000	1000	**1600**	J	**3900**		**5700**		240	J	520		590	
Dibenz(A,H)Anthracene	53-70-3	1000	1000	180	J	690	J	**1600**		39	J	110	J	130	J
Dibenzofuran	132-64-9	2500000	5600	1700	U	760	U	1400	U	390	U	400	U	23	J
Diethylphthalate	84-66-2	1000000	1100000	1700	U	760	U	1400	U	390	U	400	U	410	U

Appendix G
Analytical Data Summary
SVOCs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.	
			Top Depth	0		4		0.5		6		10		15	
			Sample Location	SS38		SB200		SB38		SB38		SB38		SB38	
			Sample ID	S-052004-DK-150		80018-SB200-0410-0311		S-051204-JR-025		S-051204-JR-027		S-051204-JR-029		S-051204-JR-031	
			Risk Zone	D3*		D3*		D3*		D3*		D3*		D3*	
			Bottom Depth	0.5		9		4		10		15		16	
			Sample Date	5/20/2004		3/28/2011		5/12/2004		5/12/2004		5/12/2004		5/12/2004	
			Sample Type	FD		N		N		N		N		N	
			Field Duplicate Parent	S-052004-DK-145											
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Dimethylphthalate	131-11-3	1000000	1100000	1700	U	760	U	1400	U	390	U	400	U	410	U
Di-N-Butyl Phthalate	84-74-2	2500000	140000	92	J	760	U	60	J	22	J	24	J	24	J
Di-N-Octyl Phthalate	117-84-0	2500000	20000	1700	U	760	U	1400	U	390	U	400	U	410	U
Fluoranthene	206-44-0	2500000	56000	2800		6200		8000		400		800		1100	
Fluorene	86-73-7	2500000	56000	120	J	760	U	1400	U	390	U	400	U	45	J
Hexachlorobenzene	118-74-1	3600	1000	1700	U	760	U	1400	U	390	U	400	U	410	U
Hexachlorobutadiene	87-68-3	--	--	1700	U	760	U	1400	U	390	U	400	U	410	U
Hexachlorocyclopentadiene	77-47-4	2500000	9800	1700	U	760	U	1400	U	390	U	400	U	410	U
Hexachloroethane	67-72-1	410000	1000	1700	UJ	760	U	1400	UJ	390	UJ	400	UJ	410	U
Indeno(1,2,3-CD)Pyrene	193-39-5	7800	1000	370	J	**2500**		**3200**		72	J	200	J	240	J
Isophorone	78-59-1	2500000	7400	1700	U	760	U	1400	U	390	U	400	U	410	U
Naphthalene	91-20-3	2500000	56000	1700	U	760	U	1400	UJ	390	UJ	400	UJ	410	U
Nitrobenzene	98-95-3	1000000	1000	1700	U	760	U	1400	U	390	U	400	U	410	U
N-Nitroso-Di-N-Propylamine	621-64-7	1000	1000	1700	U	760	U	1400	U	390	U	400	U	410	U
N-Nitrosodiphenylamine	86-30-6	1200000	1400	1700	U	760	U	1400	U	390	U	400	U	410	U
Pentachlorophenol	87-86-5	48000	1000	8400	U	1500	U	6700	U	1900	U	1900	U	2000	U
Phenanthrene	85-01-8	2500000	40000	1200	J	2900		2900		220	J	370	J	550	
Phenol	108-95-2	2500000	800000	1700	U	760	U	1400	U	390	U	400	U	410	U
Pyrene	129-00-0	2500000	40000	1800		6600		8400		370	J	810		970	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation D
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presente
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SPLP SVOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	4		4		4		4		4		4	
		Sample Location	SB187		SB188		SB189		SB189		SB190		SB208	
		Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		80018-DUP02-0410-0311		80018-SB189-0410-0311		80018-SB190-0410-0311		80018-SB208-0410-0311	
		Risk Zone	J*		J*		E1*		E1*		E1*		E1*	
		Bottom Depth	10		10		10		10		9		10	
		Sample Date	4/4/2011		4/4/2011		4/4/2011		4/4/2011		3/31/2011		4/4/2011	
		Sample Type	N		N		FD		N		N		N	
		Field Duplicate Parent					80018-SB189-0410-0311							
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	120	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,4,5-Trichlorophenol	95-95-4	7000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,4,6-Trichlorophenol	88-06-2	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,4-Dichlorophenol	120-83-2	200	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,4-Dimethylphenol	105-67-9	1400	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,4-Dinitrophenol	51-28-5	500	11	U	11	U	11	U	11	U	11	U	11	U
2,4-Dinitrotoluene	121-14-2	140	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,6-Dinitrotoluene	606-20-2	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2-Chloronaphthalene	91-58-7	5600	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2-Chlorophenol	95-57-8	360	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2-Methylnaphthalene	91-57-6	490	5.6	U	5.6	U	5.6	U	5.6	U	1	J	5.6	U
2-Methylphenol	95-48-7	3500	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2-Nitroaniline	88-74-4	500	11	U	11	U	11	U	11	U	11	U	11	U
2-Nitrophenol	88-75-5	560	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
3,3'-Dichlorobenzidine	91-94-1	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
3-Nitroaniline	99-09-2	500	11	U	11	U	11	U	11	U	11	U	11	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	11	U	11	U	11	U	11	U	11	U	11	U
4-Bromophenyl-Phenylether	101-55-3	4100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
4-Chloro-3-Methylphenol	59-50-7	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
4-Chloroaniline	106-47-8	280	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
4-Chlorophenyl-Phenylether	7005-72-3	4100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
4-Methylphenol	106-44-5	350	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
4-Nitroaniline	100-01-6	210	11	U	11	U	11	U	11	U	11	U	11	U
4-Nitrophenol	100-02-7	--	11	U	11	U	11	U	11	U	11	U	11	U
Acenaphthene	83-32-9	4200	5.6	U	5.6	U	5.6	U	5.6	U	3.3	J	5.6	U
Acenaphthylene	208-96-8	4200	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Acetophenone	98-86-2	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Anthracene	120-12-7	20000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Atrazine	1912-24-9	30	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzaldehyde	100-52-7	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzo(A)Anthracene	56-55-3	0.6	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzo(A)Pyrene	50-32-8	2	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzo(B)Fluoranthene	205-99-2	0.8	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzo(G,H,I)Perylene	191-24-2	2100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzo(K)Fluoranthene	207-08-9	5	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U

Appendix G
Analytical Data Summary
SPLP SVOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	4		4		4		4		4		4	
		Sample Location	SB187		SB188		SB189		SB189		SB190		SB208	
		Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		80018-DUP02-0410-0311		80018-SB189-0410-0311		80018-SB190-0410-0311		80018-SB208-0410-0311	
		Risk Zone	J*		J*		E1*		E1*		E1*		E1*	
		Bottom Depth	10		10		10		10		9		10	
		Sample Date	4/4/2011		4/4/2011		4/4/2011		4/4/2011		3/31/2011		4/4/2011	
		Sample Type	N		N		FD		N		N		N	
		Field Duplicate Parent					80018-SB189-0410-0311							
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Chloroethyl)Ether	111-44-4	120	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	20	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U
Butylbenzylphthalate	85-68-7	10000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Caprolactam	105-60-2	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Carbazole	86-74-8	100	5.6	U	5.6	U	5.6	U	5.6	U	5.7		5.6	U
Chrysene	218-01-9	48	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Dibenz(A,H)Anthracene	53-70-3	2	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Dibenzofuran	132-64-9	280	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Diethylphthalate	84-66-2	56000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Dimethylphthalate	131-11-3	56000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Di-N-Butyl Phthalate	84-74-2	7000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Di-N-Octyl Phthalate	117-84-0	1000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Fluoranthene	206-44-0	2800	5.6	U	5.6	U	5.6	U	5.6	U	2.5	J	5.6	U
Fluorene	86-73-7	2800	5.6	U	5.6	U	5.6	U	5.6	U	2.6	J	5.6	U
Hexachlorobenzene	118-74-1	10	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Hexachlorobutadiene	87-68-3	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Hexachlorocyclopentadiene	77-47-4	490	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Hexachloroethane	67-72-1	30	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Indeno(1,2,3-CD)Pyrene	193-39-5	2	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Isophorone	78-59-1	370	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Naphthalene	91-20-3	2800	5.6	U	5.6	U	5.6	U	5.6	U	4.8	J	5.6	U
Nitrobenzene	98-95-3	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
N-Nitroso-Di-N-Propylamine	621-64-7	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
N-Nitrosodiphenylamine	86-30-6	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Pentachlorophenol	87-86-5	10	11	U	11	U	11	U	11	U	11	U	11	U
Phenanthrene	85-01-8	2000	2.8	J	5.6	U	5.6	U	5.6	U	7.2		5.6	U
Phenol	108-95-2	40000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Pyrene	129-00-0	2000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP SVOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	120 Store Ave.		136 Store Ave.		136 Store Ave.		17 Dunbar St.		235 Meriden Rd.		265 Meriden Rd.	
		Top Depth	4		4		4		4		4		4	
		Sample Location	SB204		SB205		SB206		SB192		SB197		SB198	
		Sample ID	80018-SB204-0410-0311		80018-SB205-0410-0311		80018-SB206-0410-0311		80018-SB192-0410-0311		80018-SB197-0410-0311		80018-SB198-0410-0311	
		Risk Zone	E2*		E3*		E3*		D1*		G*		G*	
		Bottom Depth	9		10		10		9		9		9	
		Sample Date	3/31/2011		4/4/2011		4/4/2011		3/31/2011		3/29/2011		3/28/2011	
		Sample Type	N		N		N		N		N		N	
		Field Duplicate Parent												
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	120	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,4,5-Trichlorophenol	95-95-4	7000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,4,6-Trichlorophenol	88-06-2	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,4-Dichlorophenol	120-83-2	200	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,4-Dimethylphenol	105-67-9	1400	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,4-Dinitrophenol	51-28-5	500	11	U	11	U	11	U	11	U	11	U	11	U
2,4-Dinitrotoluene	121-14-2	140	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2,6-Dinitrotoluene	606-20-2	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2-Chloronaphthalene	91-58-7	5600	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2-Chlorophenol	95-57-8	360	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2-Methylnaphthalene	91-57-6	490	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2-Methylphenol	95-48-7	3500	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
2-Nitroaniline	88-74-4	500	11	U	11	U	11	U	11	U	11	U	11	U
2-Nitrophenol	88-75-5	560	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
3,3'-Dichlorobenzidine	91-94-1	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
3-Nitroaniline	99-09-2	500	11	U	11	U	11	U	11	U	11	U	11	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	11	U	11	U	11	U	11	U	11	U	11	U
4-Bromophenyl-Phenylether	101-55-3	4100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
4-Chloro-3-Methylphenol	59-50-7	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
4-Chloroaniline	106-47-8	280	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
4-Chlorophenyl-Phenylether	7005-72-3	4100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
4-Methylphenol	106-44-5	350	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
4-Nitroaniline	100-01-6	210	11	U	11	U	11	U	11	U	11	U	11	U
4-Nitrophenol	100-02-7	--	11	U	11	U	11	U	11	U	11	U	11	U
Acenaphthene	83-32-9	4200	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Acenaphthylene	208-96-8	4200	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Acetophenone	98-86-2	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Anthracene	120-12-7	20000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Atrazine	1912-24-9	30	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzaldehyde	100-52-7	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzo(A)Anthracene	56-55-3	0.6	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzo(A)Pyrene	50-32-8	2	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzo(B)Fluoranthene	205-99-2	0.8	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzo(G,H,I)Perylene	191-24-2	2100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Benzo(K)Fluoranthene	207-08-9	5	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U

Appendix G
Analytical Data Summary
SPLP SVOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	120 Store Ave.		136 Store Ave.		136 Store Ave.		17 Dunbar St.		235 Meriden Rd.		265 Meriden Rd.	
		Top Depth	4		4		4		4		4		4	
		Sample Location	SB204		SB205		SB206		SB192		SB197		SB198	
		Sample ID	80018-SB204-0410-0311		80018-SB205-0410-0311		80018-SB206-0410-0311		80018-SB192-0410-0311		80018-SB197-0410-0311		80018-SB198-0410-0311	
		Risk Zone	E2*		E3*		E3*		D1*		G*		G*	
		Bottom Depth	9		10		10		9		9		9	
		Sample Date	3/31/2011		4/4/2011		4/4/2011		3/31/2011		3/29/2011		3/28/2011	
		Sample Type	N		N		N		N		N		N	
		Field Duplicate Parent												
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Chloroethyl)Ether	111-44-4	120	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	20	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U
Butylbenzylphthalate	85-68-7	10000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Caprolactam	105-60-2	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Carbazole	86-74-8	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Chrysene	218-01-9	48	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Dibenz(A,H)Anthracene	53-70-3	2	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Dibenzofuran	132-64-9	280	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Diethylphthalate	84-66-2	56000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Dimethylphthalate	131-11-3	56000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Di-N-Butyl Phthalate	84-74-2	7000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Di-N-Octyl Phthalate	117-84-0	1000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Fluoranthene	206-44-0	2800	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Fluorene	86-73-7	2800	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Hexachlorobenzene	118-74-1	10	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Hexachlorobutadiene	87-68-3	--	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Hexachlorocyclopentadiene	77-47-4	490	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Hexachloroethane	67-72-1	30	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Indeno(1,2,3-CD)Pyrene	193-39-5	2	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Isophorone	78-59-1	370	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Naphthalene	91-20-3	2800	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Nitrobenzene	98-95-3	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
N-Nitroso-Di-N-Propylamine	621-64-7	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
N-Nitrosodiphenylamine	86-30-6	100	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Pentachlorophenol	87-86-5	10	11	U	11	U	11	U	11	U	11	U	11	U
Phenanthrene	85-01-8	2000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Phenol	108-95-2	40000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
Pyrene	129-00-0	2000	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE	Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP SVOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	27 Newman Ave.		281 Meriden Rd.		41 Dunbar St.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
		Top Depth	4		4		4		4		4		4	
		Sample Location	SB207		SB199		SB191		SB201		SB202		SB203	
		Sample ID	80018-SB207-0410-0311		80018-SB199-0410-0311		80018-SB191-0410-0311		80018-SB201-0410-0311		80018-SB202-0410-0311		80018-DUP01-0410-0311	
		Risk Zone	F*		D3*		D1*		I*		I*		I*	
		Bottom Depth	9		9		9		9		9		9	
		Sample Date	3/30/2011		3/28/2011		3/31/2011		3/29/2011		3/29/2011		3/29/2011	
		Sample Type	N		N		N		N		N		FD	
		Field Duplicate Parent											80018-SB203-0410-0311	
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	120	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2,4,5-Trichlorophenol	95-95-4	7000	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2,4,6-Trichlorophenol	88-06-2	100	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2,4-Dichlorophenol	120-83-2	200	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2,4-Dimethylphenol	105-67-9	1400	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2,4-Dinitrophenol	51-28-5	500	11	U	11	U	11	U	11	U	10	U	11	U
2,4-Dinitrotoluene	121-14-2	140	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2,6-Dinitrotoluene	606-20-2	100	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2-Chloronaphthalene	91-58-7	5600	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2-Chlorophenol	95-57-8	360	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2-Methylnaphthalene	91-57-6	490	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2-Methylphenol	95-48-7	3500	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
2-Nitroaniline	88-74-4	500	11	U	11	U	11	U	11	U	10	U	11	U
2-Nitrophenol	88-75-5	560	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
3,3'-Dichlorobenzidine	91-94-1	100	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
3-Nitroaniline	99-09-2	500	11	U	11	U	11	U	11	U	10	U	11	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	11	U	11	U	11	U	11	U	10	U	11	U
4-Bromophenyl-Phenylether	101-55-3	4100	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
4-Chloro-3-Methylphenol	59-50-7	--	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
4-Chloroaniline	106-47-8	280	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
4-Chlorophenyl-Phenylether	7005-72-3	4100	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
4-Methylphenol	106-44-5	350	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
4-Nitroaniline	100-01-6	210	11	U	11	U	11	U	11	U	10	U	11	U
4-Nitrophenol	100-02-7	--	11	U	11	U	11	U	11	U	10	U	11	U
Acenaphthene	83-32-9	4200	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Acenaphthylene	208-96-8	4200	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Acetophenone	98-86-2	--	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Anthracene	120-12-7	20000	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Atrazine	1912-24-9	30	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Benzaldehyde	100-52-7	--	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Benzo(A)Anthracene	56-55-3	0.6	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Benzo(A)Pyrene	50-32-8	2	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Benzo(B)Fluoranthene	205-99-2	0.8	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Benzo(G,H,I)Perylene	191-24-2	2100	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Benzo(K)Fluoranthene	207-08-9	5	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U

Appendix G
Analytical Data Summary
SPLP SVOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	27 Newman Ave.		281 Meriden Rd.		41 Dunbar St.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
		Top Depth	4		4		4		4		4		4	
		Sample Location	SB207		SB199		SB191		SB201		SB202		SB203	
		Sample ID	80018-SB207-0410-0311		80018-SB199-0410-0311		80018-SB191-0410-0311		80018-SB201-0410-0311		80018-SB202-0410-0311		80018-DUP01-0410-0311	
		Risk Zone	F*		D3*		D1*		I*		I*		I*	
		Bottom Depth	9		9		9		9		9		9	
		Sample Date	3/30/2011		3/28/2011		3/31/2011		3/29/2011		3/29/2011		3/29/2011	
		Sample Type	N		N		N		N		N		FD	
		Field Duplicate Parent											80018-SB203-0410-0311	
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Chloroethyl)Ether	111-44-4	120	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	20	2.1	U	2.2	U	2.2	U	5.3		2	U	2.2	U
Butylbenzylphthalate	85-68-7	10000	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Caprolactam	105-60-2	--	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Carbazole	86-74-8	100	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Chrysene	218-01-9	48	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Dibenz(A,H)Anthracene	53-70-3	2	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Dibenzofuran	132-64-9	280	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Diethylphthalate	84-66-2	56000	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Dimethylphthalate	131-11-3	56000	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Di-N-Butyl Phthalate	84-74-2	7000	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Di-N-Octyl Phthalate	117-84-0	1000	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Fluoranthene	206-44-0	2800	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Fluorene	86-73-7	2800	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Hexachlorobenzene	118-74-1	10	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Hexachlorobutadiene	87-68-3	--	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Hexachlorocyclopentadiene	77-47-4	490	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Hexachloroethane	67-72-1	30	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Indeno(1,2,3-CD)Pyrene	193-39-5	2	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Isophorone	78-59-1	370	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Naphthalene	91-20-3	2800	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Nitrobenzene	98-95-3	100	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
N-Nitroso-Di-N-Propylamine	621-64-7	100	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
N-Nitrosodiphenylamine	86-30-6	100	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Pentachlorophenol	87-86-5	10	11	U	11	U	11	U	11	U	10	U	11	U
Phenanthrene	85-01-8	2000	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Phenol	108-95-2	40000	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U
Pyrene	129-00-0	2000	5.3	U	5.6	U	5.6	U	5.3	U	5	U	5.6	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE	Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP SVOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	50 Store Ave.		55 Store Ave.		87 Store Ave.		9 Store Ave.		9 Store Ave.		Used Auto Lot Meriden Rd.	
		Top Depth	4		4		4		4		4		4	
		Sample Location	SB203		SB194		SB193		SB195		SB196		SB200	
		Sample ID	80018-SB203-0410-0311		80018-SB194-0410-0311		80018-SB193-0410-0311		80018-SB195-0410-0311		80018-SB196-0410-0311		80018-SB200-0410-0311	
		Risk Zone	I*		H*		H*		F*		F*		D3*	
		Bottom Depth	9		9		9		9		9		9	
		Sample Date	3/29/2011		3/29/2011		3/30/2011		3/30/2011		3/31/2011		3/28/2011	
		Sample Type	N		N		N		N		N		N	
		Field Duplicate Parent												
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
1,2,4,5-Tetrachlorobenzene	95-94-3	20	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	120	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2,4,5-Trichlorophenol	95-95-4	7000	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2,4,6-Trichlorophenol	88-06-2	100	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2,4-Dichlorophenol	120-83-2	200	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2,4-Dimethylphenol	105-67-9	1400	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2,4-Dinitrophenol	51-28-5	500	11	U	11	U	11	U	11	U	11	U	11	U
2,4-Dinitrotoluene	121-14-2	140	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2,6-Dinitrotoluene	606-20-2	100	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2-Chloronaphthalene	91-58-7	5600	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2-Chlorophenol	95-57-8	360	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2-Methylnaphthalene	91-57-6	490	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2-Methylphenol	95-48-7	3500	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
2-Nitroaniline	88-74-4	500	11	U	11	U	11	U	11	U	11	U	11	U
2-Nitrophenol	88-75-5	560	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
3,3'-Dichlorobenzidine	91-94-1	100	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
3-Nitroaniline	99-09-2	500	11	U	11	U	11	U	11	U	11	U	11	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	11	U	11	U	11	U	11	U	11	U	11	U
4-Bromophenyl-Phenylether	101-55-3	4100	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
4-Chloro-3-Methylphenol	59-50-7	--	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
4-Chloroaniline	106-47-8	280	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
4-Chlorophenyl-Phenylether	7005-72-3	4100	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
4-Methylphenol	106-44-5	350	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
4-Nitroaniline	100-01-6	210	11	U	11	U	11	U	11	U	11	U	11	U
4-Nitrophenol	100-02-7	--	11	U	11	U	11	U	11	U	11	U	11	U
Acenaphthene	83-32-9	4200	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Acenaphthylene	208-96-8	4200	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Acetophenone	98-86-2	--	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Anthracene	120-12-7	20000	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Atrazine	1912-24-9	30	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Benzaldehyde	100-52-7	--	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Benzo(A)Anthracene	56-55-3	0.6	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Benzo(A)Pyrene	50-32-8	2	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Benzo(B)Fluoranthene	205-99-2	0.8	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Benzo(G,H,I)Perylene	191-24-2	2100	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Benzo(K)Fluoranthene	207-08-9	5	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U

Appendix G
Analytical Data Summary
SPLP SVOCs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	50 Store Ave.		55 Store Ave.		87 Store Ave.		9 Store Ave.		9 Store Ave.		Used Auto Lot Meriden Rd.	
		Top Depth	4		4		4		4		4		4	
		Sample Location	SB203		SB194		SB193		SB195		SB196		SB200	
		Sample ID	80018-SB203-0410-0311		80018-SB194-0410-0311		80018-SB193-0410-0311		80018-SB195-0410-0311		80018-SB196-0410-0311		80018-SB200-0410-0311	
		Risk Zone	I*		H*		H*		F*		F*		D3*	
		Bottom Depth	9		9		9		9		9		9	
		Sample Date	3/29/2011		3/29/2011		3/30/2011		3/30/2011		3/31/2011		3/28/2011	
		Sample Type	N		N		N		N		N		N	
		Field Duplicate Parent												
		Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-Chloroethyl)Ether	111-44-4	120	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	20	2.2	U	**35**		13		2.1	U	2.2	U	**190**	D
Butylbenzylphthalate	85-68-7	10000	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Caprolactam	105-60-2	--	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Carbazole	86-74-8	100	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Chrysene	218-01-9	48	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Dibenz(A,H)Anthracene	53-70-3	2	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Dibenzofuran	132-64-9	280	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Diethylphthalate	84-66-2	56000	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Dimethylphthalate	131-11-3	56000	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Di-N-Butyl Phthalate	84-74-2	7000	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Di-N-Octyl Phthalate	117-84-0	1000	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Fluoranthene	206-44-0	2800	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Fluorene	86-73-7	2800	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Hexachlorobenzene	118-74-1	10	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Hexachlorobutadiene	87-68-3	--	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Hexachlorocyclopentadiene	77-47-4	490	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Hexachloroethane	67-72-1	30	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Indeno(1,2,3-CD)Pyrene	193-39-5	2	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Isophorone	78-59-1	370	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Naphthalene	91-20-3	2800	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Nitrobenzene	98-95-3	100	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
N-Nitroso-Di-N-Propylamine	621-64-7	100	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
N-Nitrosodiphenylamine	86-30-6	100	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Pentachlorophenol	87-86-5	10	11	U	11	U	11	U	11	U	11	U	11	U
Phenanthrene	85-01-8	2000	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Phenol	108-95-2	40000	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U
Pyrene	129-00-0	2000	5.6	U	5.6	U	5.6	U	5.3	U	5.6	U	5.6	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE	Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP SVOCs (via SIM) in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	4		4		4		4	
		Sample Location	SB187		SB188		SB189		SB189	
		Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		80018-DUP02-0410-0311		80018-SB189-0410-0311	
		Risk Zone	J*		J*		E1*		E1*	
		Bottom Depth	10		10		10		10	
		Sample Date	4/4/2011		4/4/2011		4/4/2011		4/4/2011	
		Sample Type	N		N		FD		N	
		Field Duplicate Parent					80018-SB189-0410-0311			
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
2-METHYLNAPHTHALENE	91-57-6	490	0.1	JB	0.12	B	0.055	JB	0.031	JB
ACENAPHTHENE	83-32-9	4200	0.53		0.059	J	0.038	J	0.11	U
ACENAPHTHYLENE	208-96-8	4200	0.037	JB	0.11	U	0.11	U	0.11	U
ANTHRACENE	120-12-7	20000	0.25		0.11	U	0.034	J	0.11	U
BENZO(A)ANTHRACENE	56-55-3	0.6	0.056	U	0.056	U	0.056	U	0.056	U
BENZO(A)PYRENE	50-32-8	2	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(B)FLUORANTHENE	205-99-2	0.8	0.056	U	0.056	U	0.056	U	0.056	U
BENZO(G,H,I)PERYLENE	191-24-2	2100	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(K)FLUORANTHENE	207-08-9	5	0.11	U	0.11	U	0.11	U	0.11	U
CHRYSENE	218-01-9	48	0.11	U	0.11	U	0.11	U	0.11	U
DIBENZ(A,H)ANTHRACENE	53-70-3	2	0.11	U	0.11	U	0.11	U	0.11	U
FLUORANTHENE	206-44-0	2800	0.58		0.11	U	0.12		0.068	J
FLUORENE	86-73-7	2800	1		0.11	U	0.037	J	0.042	J
INDENO(1,2,3-CD)PYRENE	193-39-5	2	0.11	U	0.11	U	0.11	U	0.11	U
NAPHTHALENE	91-20-3	2800	0.16	B	0.094	JB	0.066	JB	0.04	JB
PENTACHLOROPHENOL	87-86-5	10	0.22	U	0.22	U	0.22	U	0.22	U
PHENANTHRENE	85-01-8	2000	2.8	D	0.1	J	0.23		0.17	
PYRENE	129-00-0	2000	0.35		0.11	U	0.11	U	0.059	J

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

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J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE	Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP SVOCs (via SIM) in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	119 Store Ave.		119 Store Ave.		120 Store Ave.		136 Store Ave.	
		Top Depth	4		4		4		4	
		Sample Location	SB190		SB208		SB204		SB205	
		Sample ID	80018-SB190-0410-0311		80018-SB208-0410-0311		80018-SB204-0410-0311		80018-SB205-0410-0311	
		Risk Zone	E1*		E1*		E2*		E3*	
		Bottom Depth	9		10		9		10	
		Sample Date	3/31/2011		4/4/2011		3/31/2011		4/4/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
2-METHYLNAPHTHALENE	91-57-6	490	1.1	BD	0.038	JB	0.11	U	0.11	U
ACENAPHTHENE	83-32-9	4200	3.3	D	0.11	U	0.11	U	0.11	U
ACENAPHTHYLENE	208-96-8	4200	0.1	JB	0.11	U	0.11	U	0.11	U
ANTHRACENE	120-12-7	20000	0.86		0.11	U	0.11	U	0.11	U
BENZO(A)ANTHRACENE	56-55-3	0.6	0.18		0.056	U	0.056	U	0.056	U
BENZO(A)PYRENE	50-32-8	2	0.055	J	0.11	U	0.11	U	0.11	U
BENZO(B)FLUORANTHENE	205-99-2	0.8	0.073		0.056	U	0.056	U	0.056	U
BENZO(G,H,I)PERYLENE	191-24-2	2100	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(K)FLUORANTHENE	207-08-9	5	0.084	J	0.11	U	0.11	U	0.11	U
CHRYSENE	218-01-9	48	0.19		0.11	U	0.11	U	0.11	U
DIBENZ(A,H)ANTHRACENE	53-70-3	2	0.11	U	0.11	U	0.11	U	0.11	U
FLUORANTHENE	206-44-0	2800	2.5	D	0.11	U	0.11	U	0.11	U
FLUORENE	86-73-7	2800	3	D	0.11	U	0.11	U	0.11	U
INDENO(1,2,3-CD)PYRENE	193-39-5	2	0.044	J	0.11	U	0.11	U	0.11	U
NAPHTHALENE	91-20-3	2800	4.2	BD	0.041	JB	0.11	U	0.11	U
PENTACHLOROPHENOL	87-86-5	10	0.22	U	0.22	U	0.22	U	0.22	U
PHENANTHRENE	85-01-8	2000	7.8	DE	0.053	J	0.11	U	0.11	U
PYRENE	129-00-0	2000	1.5	D	0.11	U	0.11	U	0.11	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE	Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP SVOCs (via SIM) in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	136 Store Ave.		17 Dunbar St.		235 Meriden Rd.		265 Meriden Rd.	
		Top Depth	4		4		4		4	
		Sample Location	SB206		SB192		SB197		SB198	
		Sample ID	80018-SB206-0410-0311		80018-SB192-0410-0311		80018-SB197-0410-0311		80018-SB198-0410-0311	
		Risk Zone	E3*		D1*		G*		G*	
		Bottom Depth	10		9		9		9	
		Sample Date	4/4/2011		3/31/2011		3/29/2011		3/28/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
2-METHYLNAPHTHALENE	91-57-6	490	0.11	U	0.04	JB	0.11	U	0.11	U
ACENAPHTHENE	83-32-9	4200	0.11	U	0.11	U	0.11	U	0.11	U
ACENAPHTHYLENE	208-96-8	4200	0.11	U	0.11	U	0.11	U	0.11	U
ANTHRACENE	120-12-7	20000	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(A)ANTHRACENE	56-55-3	0.6	0.056	U	0.056	U	0.056	U	0.056	U
BENZO(A)PYRENE	50-32-8	2	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(B)FLUORANTHENE	205-99-2	0.8	0.056	U	0.056	U	0.056	U	0.056	U
BENZO(G,H,I)PERYLENE	191-24-2	2100	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(K)FLUORANTHENE	207-08-9	5	0.11	U	0.11	U	0.11	U	0.11	U
CHRYSENE	218-01-9	48	0.11	U	0.11	U	0.11	U	0.11	U
DIBENZ(A,H)ANTHRACENE	53-70-3	2	0.11	U	0.11	U	0.11	U	0.11	U
FLUORANTHENE	206-44-0	2800	0.11	U	0.11	U	0.11	U	0.11	U
FLUORENE	86-73-7	2800	0.11	U	0.064	J	0.11	U	0.11	U
INDENO(1,2,3-CD)PYRENE	193-39-5	2	0.11	U	0.11	U	0.11	U	0.11	U
NAPHTHALENE	91-20-3	2800	0.11	U	0.037	JB	0.11	U	0.11	U
PENTACHLOROPHENOL	87-86-5	10	0.22	U	0.22	U	0.22	U	0.22	U
PHENANTHRENE	85-01-8	2000	0.11	U	0.039	J	0.11	U	0.046	J
PYRENE	129-00-0	2000	0.11	U	0.11	U	0.11	U	0.11	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE	Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP SVOCs (via SIM) in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	27 Newman Ave.		281 Meriden Rd.		41 Dunbar St.		50 Store Ave.	
		Top Depth	4		4		4		4	
		Sample Location	SB207		SB199		SB191		SB201	
		Sample ID	80018-SB207-0410-0311		80018-SB199-0410-0311		80018-SB191-0410-0311		80018-SB201-0410-0311	
		Risk Zone	F*		D3*		D1*		I*	
		Bottom Depth	9		9		9		9	
		Sample Date	3/30/2011		3/28/2011		3/31/2011		3/29/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
2-METHYLNAPHTHALENE	91-57-6	490	0.11	U	0.11	U	0.044	JB	0.061	J
ACENAPHTHENE	83-32-9	4200	0.11	U	0.11	U	0.11	U	0.11	U
ACENAPHTHYLENE	208-96-8	4200	0.11	U	0.11	U	0.11	U	0.11	U
ANTHRACENE	120-12-7	20000	0.11	U	0.11	U	0.04	J	0.11	U
BENZO(A)ANTHRACENE	56-55-3	0.6	0.053	U	0.056	U	0.056	U	0.053	U
BENZO(A)PYRENE	50-32-8	2	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(B)FLUORANTHENE	205-99-2	0.8	0.053	U	0.056	U	0.056	U	0.053	U
BENZO(G,H,I)PERYLENE	191-24-2	2100	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(K)FLUORANTHENE	207-08-9	5	0.11	U	0.11	U	0.11	U	0.11	U
CHRYSENE	218-01-9	48	0.11	U	0.11	U	0.11	U	0.11	U
DIBENZ(A,H)ANTHRACENE	53-70-3	2	0.11	U	0.11	U	0.11	U	0.11	U
FLUORANTHENE	206-44-0	2800	0.11	U	0.11	U	0.097	J	0.11	U
FLUORENE	86-73-7	2800	0.11	U	0.11	U	0.069	J	0.11	U
INDENO(1,2,3-CD)PYRENE	193-39-5	2	0.11	U	0.11	U	0.11	U	0.11	U
NAPHTHALENE	91-20-3	2800	0.11	U	0.11	U	0.038	JB	0.065	J
PENTACHLOROPHENOL	87-86-5	10	0.21	U	0.22	U	0.22	U	0.21	U
PHENANTHRENE	85-01-8	2000	0.11	U	0.11	U	0.33		0.032	J
PYRENE	129-00-0	2000	0.11	U	0.11	U	0.092	J	0.11	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE	Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP SVOCs (via SIM) in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		55 Store Ave.	
		Top Depth	4		4		4		4	
		Sample Location	SB202		SB203		SB203		SB194	
		Sample ID	80018-SB202-0410-0311		80018-DUP01-0410-0311		80018-SB203-0410-0311		80018-SB194-0410-0311	
		Risk Zone	I*		I*		I*		H*	
		Bottom Depth	9		9		9		9	
		Sample Date	3/29/2011		3/29/2011		3/29/2011		3/29/2011	
		Sample Type	N		FD		N		N	
		Field Duplicate Parent			80018-SB203-0410-0311					
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
2-METHYLNAPHTHALENE	91-57-6	490	0.15		0.11	U	0.11	U	0.11	U
ACENAPHTHENE	83-32-9	4200	0.17		0.11	U	0.11	U	0.11	U
ACENAPHTHYLENE	208-96-8	4200	0.1	U	0.11	U	0.11	U	0.11	U
ANTHRACENE	120-12-7	20000	0.1	U	0.11	U	0.11	U	0.11	U
BENZO(A)ANTHRACENE	56-55-3	0.6	0.05	U	0.056	U	0.056	U	0.056	U
BENZO(A)PYRENE	50-32-8	2	0.1	U	0.11	U	0.11	U	0.11	U
BENZO(B)FLUORANTHENE	205-99-2	0.8	0.05	U	0.056	U	0.056	U	0.056	U
BENZO(G,H,I)PERYLENE	191-24-2	2100	0.1	U	0.11	U	0.11	U	0.11	U
BENZO(K)FLUORANTHENE	207-08-9	5	0.1	U	0.11	U	0.11	U	0.11	U
CHRYSENE	218-01-9	48	0.1	U	0.11	U	0.11	U	0.11	U
DIBENZ(A,H)ANTHRACENE	53-70-3	2	0.1	U	0.11	U	0.11	U	0.11	U
FLUORANTHENE	206-44-0	2800	0.1	U	0.11	U	0.11	U	0.11	U
FLUORENE	86-73-7	2800	0.11		0.11	U	0.11	U	0.11	U
INDENO(1,2,3-CD)PYRENE	193-39-5	2	0.1	U	0.11	U	0.11	U	0.11	U
NAPHTHALENE	91-20-3	2800	0.35		0.11	U	0.11	U	0.11	U
PENTACHLOROPHENOL	87-86-5	10	0.28		0.22	U	0.22	U	0.22	U
PHENANTHRENE	85-01-8	2000	0.26		0.11	U	0.11	U	0.072	J
PYRENE	129-00-0	2000	0.1	U	0.11	U	0.11	U	0.11	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE	Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP SVOCs (via SIM) in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	87 Store Ave.		9 Store Ave.		9 Store Ave.		Used Auto Lot Meriden Rd.	
		Top Depth	4		4		4		4	
		Sample Location	SB193		SB195		SB196		SB200	
		Sample ID	80018-SB193-0410-0311		80018-SB195-0410-0311		80018-SB196-0410-0311		80018-SB200-0410-0311	
		Risk Zone	H*		F*		F*		D3*	
		Bottom Depth	9		9		9		9	
		Sample Date	3/30/2011		3/30/2011		3/31/2011		3/28/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
2-METHYLNAPHTHALENE	91-57-6	490	0.14		0.11	U	0.077	JB	0.11	U
ACENAPHTHENE	83-32-9	4200	0.067	J	0.11	U	0.11	U	0.11	U
ACENAPHTHYLENE	208-96-8	4200	0.037	J	0.11	U	0.11	U	0.11	U
ANTHRACENE	120-12-7	20000	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(A)ANTHRACENE	56-55-3	0.6	0.056	U	0.053	U	0.056	U	0.056	U
BENZO(A)PYRENE	50-32-8	2	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(B)FLUORANTHENE	205-99-2	0.8	0.056	U	0.053	U	0.056	U	0.056	U
BENZO(G,H,I)PERYLENE	191-24-2	2100	0.11	U	0.11	U	0.11	U	0.11	U
BENZO(K)FLUORANTHENE	207-08-9	5	0.11	U	0.11	U	0.11	U	0.11	U
CHRYSENE	218-01-9	48	0.11	U	0.11	U	0.11	U	0.11	U
DIBENZ(A,H)ANTHRACENE	53-70-3	2	0.11	U	0.11	U	0.11	U	0.11	U
FLUORANTHENE	206-44-0	2800	0.19		0.11	U	0.11	U	0.045	J
FLUORENE	86-73-7	2800	0.079	J	0.11	U	0.11	U	0.11	U
INDENO(1,2,3-CD)PYRENE	193-39-5	2	0.11	U	0.11	U	0.11	U	0.11	U
NAPHTHALENE	91-20-3	2800	0.22		0.11	U	0.069	JB	0.11	U
PENTACHLOROPHENOL	87-86-5	10	0.39		0.21	U	0.22	U	0.22	U
PHENANTHRENE	85-01-8	2000	0.35		0.11	U	0.044	J	0.055	J
PYRENE	129-00-0	2000	0.18		0.11	U	0.11	U	0.11	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE	Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	MW3D		SB07		SB07		SB08	
			Sample ID	S-052704-JR-175		SB07-00-05~50977.12~~100902		SB07-00-05~50977.12DL~~100902		SB08-00-05~50977.08~~100902	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	2		5		5		5	
			Sample Date	5/27/2004		10/9/2002		10/9/2002		10/9/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	26	J	3.7	U				
4,4'-DDE	72-55-9	1800	--	19	J	3.7	U			18	U
4,4'-DDT	50-29-3	1800	--		R	37	U			18	U
Aldrin	309-00-2	--	--	2.2	UJ	1.9	U			9.2	U
Alpha-BHC	319-84-6	97	--	1.9	UJ	1.9	U			9.2	U
Alpha-Chordane	5103-71-9	490	66			1.9	U			9.2	U
Beta-BHC	319-85-7	340	--	1.9	UJ	1.9	U			9.2	U
Delta-BHC	319-86-8	97	--		R	1.9	U			9.2	U
Dieldrin	60-57-1	38	7	2.6	J			**18**	J		
Endosulfan I	959-98-8	410000	8400	1.9	UJ	1.9	U			9.2	U
Endosulfan II	33213-65-9	410000	8400	3.7	UJ	3.7	U			18	U
Endosulfan Sulfate	1031-07-8	410000	8400		R	3.7	U			18	U
Endrin	72-20-8	20000	--	5.6	UJ	3.7	U				
Endrin Aldehyde	7421-93-4	20000	--	3.7	UJ			6	DJ	19	
Endrin Ketone	53494-70-5	20000	--		R	3.7	U			18	U
Gamma-BHC (Lindane)	58-89-9	20000	40	1.9	UJ	1.9	U			9.2	U
Gamma-Chlordane	5103-74-2	490	66			19	U			9.2	U
Heptachlor	76-44-8	140	13	1.9	UJ	1.9	U			9.2	U
Heptachlor Epoxide	1024-57-3	67	20	1.9	UJ	19	U				
Methoxychlor	72-43-5	340000	8000	19	UJ	19	U			92	U
Toxaphene	8001-35-2	560	600	75	UJ	190	U			920	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0	
			Sample Location	SB08		SB14		SB14		SB15	
			Sample ID	SB08-00-05~50977.08DL37538~~101405		SB14-00-05~50977.04~~100902		SB14-00-05~50977.04DL~~100902		~50985.11DL~~101102	
			Risk Zone	J*		J*		J*		J*	
			Bottom Depth	5		5		5		5	
			Sample Date	10/14/2002		10/9/2002		10/9/2002		10/11/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	5	DPJ	3.7	U			31	DPJ
4,4'-DDE	72-55-9	1800	--					68	DP		
4,4'-DDT	50-29-3	1800	--			3.7	U				
Aldrin	309-00-2	--	--			19	U				
Alpha-BHC	319-84-6	97	--			1.9	U				
Alpha-Chordane	5103-71-9	490	66			19	U				
Beta-BHC	319-85-7	340	--			7.3	J				
Delta-BHC	319-86-8	97	--			1.9	U				
Dieldrin	60-57-1	38	7	**37**	DJ			**130**	DP	3	DPJ
Endosulfan I	959-98-8	410000	8400			19	U				
Endosulfan II	33213-65-9	410000	8400			37	U				
Endosulfan Sulfate	1031-07-8	410000	8400			3.7	U				
Endrin	72-20-8	20000	--	18	DPJ			78	DP		
Endrin Aldehyde	7421-93-4	20000	--					24	DPJ		
Endrin Ketone	53494-70-5	20000	--			3.7	U				
Gamma-BHC (Lindane)	58-89-9	20000	40					17	DJ		
Gamma-Chlordane	5103-74-2	490	66			1.9	U				
Heptachlor	76-44-8	140	13			2.2	U				
Heptachlor Epoxide	1024-57-3	67	20	5.5	DPJ			**37**	DP		
Methoxychlor	72-43-5	340000	8000					64	DPJ		
Toxaphene	8001-35-2	560	600			190	U				

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St		
			Top Depth	0		0		4		4		0		(		
			Sample Location	SB15		SB16		SB187		SB188		SB22		SE		
			Sample ID	SB15-00-05~50985.11~~101102		A0SE5-4~~~102302		80018-SB187-0410-0311		80018-SB188-0410-0311		~50985.05DL~~101002		SB22-00-05~50		
			Risk Zone	J*		J*		J*		J*		J*		J		
			Bottom Depth	5		1		10		10		5		5		
			Sample Date	10/11/2002		10/23/2002		4/4/2011		4/4/2011		10/10/2002		10/10		
			Sample Type	N		N		N		N		N		N		
			Field Duplicate Parent													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**		
4,4'-DDD	72-54-8	2600	--			4	U	3.8	U	2.6	JP			3.4		
4,4'-DDE	72-55-9	1800	--	3.6	U	2.3	JP	17		11	P			3.4		
4,4'-DDT	50-29-3	1800	--	3.6	U	4	U	33	P	5.7	P			27		
Aldrin	309-00-2	--	--	1.9	U	2	U	2	U	2.1	U			1.7		
Alpha-BHC	319-84-6	97	--	1.9	U	2	U	2	U	2.1	U			1.7		
Alpha-Chordane	5103-71-9	490	66	1.9	U	2.1		4.3	B	2.5	BP			1.7		
Beta-BHC	319-85-7	340	--	1.9	U	2	U	2	U	2.1	U			1.7		
Delta-BHC	319-86-8	97	--	1.9	U	2	U	2	U	2.1	U			1.7		
Dieldrin	60-57-1	38	7			4	U	**38**	P	4.1	U	**9.6**	DPJ			
Endosulfan I	959-98-8	410000	8400	1.9	U	2	U	2.3	P	2.1	JP			1.7		
Endosulfan II	33213-65-9	410000	8400	3.6	U	4	U	2.7	JP	1.2	JP			3.4		
Endosulfan Sulfate	1031-07-8	410000	8400	3.6	U	4	U	3.8	JP	4.1	U			3.4		
Endrin	72-20-8	20000	--	3.6	U	4	U	45		4.1	U			3.4		
Endrin Aldehyde	7421-93-4	20000	--	3.6	U	4	U	2.7	JP	13	P			14		
Endrin Ketone	53494-70-5	20000	--	3.6	U	4	U	4.2	P	32	P			26		
Gamma-BHC (Lindane)	58-89-9	20000	40	1.9	U	2	U	2	U	2.1	U			1.7		
Gamma-Chlordane	5103-74-2	490	66	5.1	P			17	BP	6.4	BP			1.7		
Heptachlor	76-44-8	140	13	1.9	U	2	U	2	U	1.3	JP			1.4		
Heptachlor Epoxide	1024-57-3	67	20	1.9	U	2	U	10	P	1.6	JP			1.7		
Methoxychlor	72-43-5	340000	8000	7.1	PJ	20	U	20	U	8.3	JP			9		
Toxaphene	8001-35-2	560	600	190	U	200	U	200	U	210	U			170		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	ore Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		
			Top Depth	0		0		0		0		0		
			Sample Location	22		SB23		SB24		SB24		SB28		
			Sample ID	985.05~~101002		SB23-00-05~50985.01~~101002		~50985.03DL~~101002		SB24-00-05~50985.03~~101002		A0SE5-3~~~102302		
			Risk Zone	*		J*		J*		J*		J*		
			Bottom Depth	5		5		5		5		3		
			Sample Date	/2002		10/10/2002		10/10/2002		10/10/2002		10/23/2002		
			Sample Type	N		N		N		N		N		
			Field Duplicate Parent											
			Unit	/kg		ug/kg		ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	U	3.6	U			3.5	U	4.3	U		
4,4'-DDE	72-55-9	1800	--	U	5.2	P			9.7	P	4.3	U		
4,4'-DDT	50-29-3	1800	--		3.6	U	16	DPJ			4.3	U		
Aldrin	309-00-2	--	--	U	1.8	U			1.8	U	2.2	U		
Alpha-BHC	319-84-6	97	--	U	1.8	U			1.8	U	2.2	U		
Alpha-Chordane	5103-71-9	490	66	U	1.8	U			1.6	PJ	2.2	U		
Beta-BHC	319-85-7	340	--	U	1.8	U			1.8	U	2.2	U		
Delta-BHC	319-86-8	97	--	U	1.8	U			1.8	U	2.2	U		
Dieldrin	60-57-1	38	7		**9.8**	DJ	4.8	DPJ			4.3	U		
Endosulfan I	959-98-8	410000	8400	U	1.8	U			1.8	U	2.2	U		
Endosulfan II	33213-65-9	410000	8400	U	3.6	U			3.5	U	4.3	U		
Endosulfan Sulfate	1031-07-8	410000	8400	U	3.6	U			3.5	U	4.3	U		
Endrin	72-20-8	20000	--	U	3.6	U			3.5	U	4.3	U		
Endrin Aldehyde	7421-93-4	20000	--		3.6	U			3.5	U	4.3	U		
Endrin Ketone	53494-70-5	20000	--	P	3.6	U			3.5	U	4.3	U		
Gamma-BHC (Lindane)	58-89-9	20000	40	U	1.8	U			1.8	U	2.2	U		
Gamma-Chlordane	5103-74-2	490	66	U	0.52	DPJ			4.2	P	6.9			
Heptachlor	76-44-8	140	13	PJB	1.8	B	1.9	DPJB			2.2	U		
Heptachlor Epoxide	1024-57-3	67	20	U	0.81	DPJ			1.4	PJ	2.2	U		
Methoxychlor	72-43-5	340000	8000	PJ	4.7	PJ			18	U	22	U		
Toxaphene	8001-35-2	560	600	U	180	U			180	U	220	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St
			Top Depth	0		0		0		0		0		(
			Sample Location	SB48		SS05		SS11		SS12		SS20		SS
			Sample ID	S-051804-JR-098		SS-05~50959.04~~100802		SS-011~A0RG4-1~~102402		SS-012~A0RG2-3~~103102		KSS-020~A0RG4-3~FDOFA0RH3~102402		SS-020~A0RG4-4~F
			Risk Zone	J*		J*		J*		J*		J*		J
			Bottom Depth	2		0.25		0.25		0.25		0.25		0.
			Sample Date	5/18/2004		10/8/2002		10/24/2002		10/31/2002		10/24/2002		10/24
			Sample Type	N		N		N		N		FD		N
			Field Duplicate Parent									SS-020~A0RG4-4~FDOFA0RG9~102402		
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
4,4'-DDD	72-54-8	2600	--	16	J	3.6	U	4.8	U	4.1	U	3.9	U	3.8
4,4'-DDE	72-55-9	1800	--	11	J	11		11		5.7				
4,4'-DDT	50-29-3	1800	--	20	J	7.5	J			4.1	U			
Aldrin	309-00-2	--	--	2.7	UJ	1.9	U	2.5	U	2.1	U	2	U	2
Alpha-BHC	319-84-6	97	--	2.3	U	1.9	U	2.5	U	2.1	U	2	U	2
Alpha-Chordane	5103-71-9	490	66				R			2.1	U			5.4
Beta-BHC	319-85-7	340	--	2.3	UJ	1.9	U	2.5	U	2.1	U	2	U	2
Delta-BHC	319-86-8	97	--	2.3	UJ	1.9	U	2.5	U	2.1	U	2	U	2
Dieldrin	60-57-1	38	7	4.4	U	3.6	U	4.8	U	4.1	U	3.9	U	3.8
Endosulfan I	959-98-8	410000	8400	2.3	U	1.9	U	2.5	U	2.1	U	2	U	0.83
Endosulfan II	33213-65-9	410000	8400	4.4	U	3.6	U	4.8	U	4.1	U	3.9	U	3.8
Endosulfan Sulfate	1031-07-8	410000	8400	4.4	U	3.6	U	4.8	U	4.1	U			3.2
Endrin	72-20-8	20000	--	6.6	U	3.6	U	4.8	U	4.1	U	3.9	U	3.8
Endrin Aldehyde	7421-93-4	20000	--	4.4	U	3.6	U	4.8	U	4.1	U	3.9	U	3.8
Endrin Ketone	53494-70-5	20000	--	4.4	U	3.6	U	4.8	U	4.1	U	3.9	U	3.3
Gamma-BHC (Lindane)	58-89-9	20000	40	2.3	U	1.9	U	2.5	U	2.1	U	2	U	2
Gamma-Chlordane	5103-74-2	490	66			1.9	J			2.1	U			
Heptachlor	76-44-8	140	13	2.3	U	2	U	2.5	U	2.1	U	2	U	2
Heptachlor Epoxide	1024-57-3	67	20	2.3	UJ	1.9	U	2.5	U	2.1	U	2	U	2
Methoxychlor	72-43-5	340000	8000	23	U	19	U	25	U	21	U	20	U	20
Toxaphene	8001-35-2	560	600	89	U	190	U	250	U	210	U	200	U	200

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	ore Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		
			Top Depth	0		0		0		0		
			Sample Location	20		SS21		SS21		SS-23		
			Sample ID	DOFA0RG9~102402		KSS-021~A0RG2-15~FDOFA0RH3~103102		SS-021~A0RG2-8~FDOFA0SG3~103102		APJ76		
			Risk Zone	*		J*		J*		J*		
			Bottom Depth	25		0.25		0.25		0.5		
			Sample Date	/2002		10/31/2002		10/31/2002		4/26/1999		
			Sample Type	N		FD		N		N		
			Field Duplicate Parent			SS-021~A0RG2-8~FDOFA0SG3~103102						
			Unit	/kg		ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
4,4'-DDD	72-54-8	2600	--	U	3.9	U	4	U	3.9	U		
4,4'-DDE	72-55-9	1800	--		2.2	JP	2.2	JP	14			
4,4'-DDT	50-29-3	1800	--		3.9	U	4	U	9.4	J		
Aldrin	309-00-2	--	--	U	2	U	2.1	U	2	U		
Alpha-BHC	319-84-6	97	--	U	2	U	2.1	U	2	U		
Alpha-Chordane	5103-71-9	490	66		2.3		2.1	U	5.7	J		
Beta-BHC	319-85-7	340	--	U	2	U	2.1	U	2	U		
Delta-BHC	319-86-8	97	--	U	2	U	2.1	U	2	U		
Dieldrin	60-57-1	38	7	U	3.9	U	4	U	2.5	JEB		
Endosulfan I	959-98-8	410000	8400	J	2	U	2.1	U	2	U		
Endosulfan II	33213-65-9	410000	8400	U	3.9	U	4	U	3.9	U		
Endosulfan Sulfate	1031-07-8	410000	8400	J					6.6			
Endrin	72-20-8	20000	--	U	3.9	U	4	U	3.9	U		
Endrin Aldehyde	7421-93-4	20000	--	U	7.6		8.1		3.9	U		
Endrin Ketone	53494-70-5	20000	--	JP	18				3.9	U		
Gamma-BHC (Lindane)	58-89-9	20000	40	U	2	U	2.1	U	2	U		
Gamma-Chlordane	5103-74-2	490	66		2	U			3.3			
Heptachlor	76-44-8	140	13	U	2	U	2.1	U	2	U		
Heptachlor Epoxide	1024-57-3	67	20	U	2	U	2.1	U	2	U		
Methoxychlor	72-43-5	340000	8000	U	20	U	38		20	U		
Toxaphene	8001-35-2	560	600	U	200	U	210	U	200	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
			Top Depth	0		0		0		0		0		0		0.5	
			Sample Location	SS-24		SS-25		SS-25		SS-26		SS-27		SS28		SS-23	
			Sample ID	APJ78		APJ80		APJ82		APJ83		APJ85		SS-028~A0KK9-4~~110102		APJ77	
			Risk Zone	J*		J*		J*		J*		J*		J*		J*	
			Bottom Depth	0.5		0.5		0.5		0.5		0.5		0.25		2	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		11/1/2002		4/26/1999	
			Sample Type	N		N		FD		N		N		N		N	
			Field Duplicate Parent					APJ80									
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	3.9	U	16		9.9		4.2	J	3.9	U	3.7	U	3.6	U
4,4'-DDE	72-55-9	1800	--	11		14	J		R	1.8	J	3.9	U	5.5			R
4,4'-DDT	50-29-3	1800	--	8		42	J		R		R	3.9	U			3.6	U
Aldrin	309-00-2	--	--	2	U	2.5	U	2.4	U		R	2	U	1.9	U	1.9	U
Alpha-BHC	319-84-6	97	--	2	U		R	2.4	U		R	2	U	1.9	U	1.9	U
Alpha-Chordane	5103-71-9	490	66	7.5	JEB	2.5	U	2.4	U	2	U	2	U	1.9	U	19	U
Beta-BHC	319-85-7	340	--		R	2.5	U	2.4	U	2	U	2	U	1.9	U	19	U
Delta-BHC	319-86-8	97	--	2	U	2.5	U	2.4	U	2	U	2	U	1.9	U	1.9	U
Dieldrin	60-57-1	38	7	2	JEB		R	4.6	U	3.9	U	3.9	U	3.7	U	3.6	U
Endosulfan I	959-98-8	410000	8400	0.65	J		R	2.4	U	2	U	2	U	1.9	U	1.9	U
Endosulfan II	33213-65-9	410000	8400	3.9	U	4.9	U	4.6	U	3.9	U	3.9	U	3.7	U	3.6	U
Endosulfan Sulfate	1031-07-8	410000	8400	6.4		49		30	J	13		28	J	3.7	U	290	U
Endrin	72-20-8	20000	--	3.9	U		R	20	J		R	3.9	U	3.7	U	3.6	U
Endrin Aldehyde	7421-93-4	20000	--	3.9	U	11	J		R		R	23		3.7	U	290	U
Endrin Ketone	53494-70-5	20000	--	3.9	U	4.9	U	4.6	U	3.9	U	3.9	U			3.6	U
Gamma-BHC (Lindane)	58-89-9	20000	40	2	U	2.5	U	2.4	U	2	U	2	U	1.9	U	1.9	U
Gamma-Chlordane	5103-74-2	490	66	4.8		13	U		R	2	U	2	U	1.9	U	1.9	U
Heptachlor	76-44-8	140	13	0.25	J	2.5	U	2.4	U	2	U	2	U	1.9	U	1.9	U
Heptachlor Epoxide	1024-57-3	67	20	1.8	JEB		R		R		R	2	U	1.9	U	1.9	U
Methoxychlor	72-43-5	340000	8000	20	U		R		R		R		R	19	U	190	U
Toxaphene	8001-35-2	560	600	200	U	250	U	240	U	200	U	200	U	190	U	190	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
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U - Substance was analyed for, but not detected, reporting limit presented

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P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St
			Top Depth	0.5		0.5		0.5		0.5		3		4		4		5
			Sample Location	SS-24		SS-25		SS-26		SS-27		SB48		MW3D		SB21		SE
			Sample ID	APJ79		APJ81		APJ84		APJ86		S-051804-JR-099		S-052704-JR-176		SB-21-04-06~021014-09~~100402		SB07-05-10~509
			Risk Zone	J*		J*		J*		J*		J*		J*		J*		J
			Bottom Depth	2		2		2		2		4		8		6		1
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		5/18/2004		5/27/2004		10/4/2002		10/9/
			Sample Type	N		N		N		N		N		N		N		N
			Field Duplicate Parent															
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
4,4'-DDD	72-54-8	2600	--	3.8	U	5.1	U	3.9	U	4	U		R	11	J	7.1	U	3.7
4,4'-DDE	72-55-9	1800	--	3.8	U	5.1	U	3.9	U	4	U	14	J	9.4	J	7.1	U	3.7
4,4'-DDT	50-29-3	1800	--	3.8	U	5.1	U	3.9	U	4	U		R		R	7.1	U	3.7
Aldrin	309-00-2	--	--	1.9	U	2.6	U		R	2.1	U	3.2	J	2.2	UJ	3.7	U	1.9
Alpha-BHC	319-84-6	97	--	1.9	U	2.6	U	2	U	2.1	U	2.8	U	1.9	UJ	3.7	U	1.9
Alpha-Chordane	5103-71-9	490	66	1.9	U	2.6	U	2	U	2.1	U					3.7	U	1.9
Beta-BHC	319-85-7	340	--	1.9	U		R		R	2.1	U	2.8	UJ	1.9	UJ	3.7	U	1.9
Delta-BHC	319-86-8	97	--	1.9	U	2.6	U	2	U	2.1	U	2.8	UJ		R	3.7	U	1.9
Dieldrin	60-57-1	38	7	3.8	U	5.1	U	3.9	U	4	U	5.4	U	3.7	UJ	7.1	U	3.7
Endosulfan I	959-98-8	410000	8400	1.9	U	2.6	U	2	U		R	2.8	U	1.9	UJ	3.7	U	1.9
Endosulfan II	33213-65-9	410000	8400	3.8	U	5.1	U	3.9	U	4	U	5.4	U	3.7	UJ	7.1	U	3.7
Endosulfan Sulfate	1031-07-8	410000	8400	3.8	U	5.1	U	3.9	U	4	U	5.4	UJ	3.7	UJ	7.1	U	3.7
Endrin	72-20-8	20000	--	3.8	U	5.1	U	3.9	U	4	U	8.2	U	5.6	UJ	7.1	U	3.7
Endrin Aldehyde	7421-93-4	20000	--	3.8	U	5.1	U	3.9	U	4	U	5.4	U	3.7	UJ	7.1	U	3.7
Endrin Ketone	53494-70-5	20000	--	3.8	U	5.1	U	3.9	U	4	U	5.4	U		R	7.1	U	3.7
Gamma-BHC (Lindane)	58-89-9	20000	40	1.9	U	2.6	U	2	U	2.1	U	2.8	U	1.9	UJ	3.7	U	1.9
Gamma-Chlordane	5103-74-2	490	66	1.9	U	2.6	U	2	U	2.1	U					3.7	U	0.99
Heptachlor	76-44-8	140	13	1.9	U	2.6	U	2	U	1.9	J	2.8	U	1.9	UJ	3.7	U	2.6
Heptachlor Epoxide	1024-57-3	67	20	1.9	U	2.6	U		R		R	2.8	UJ		R	3.7	U	1.9
Methoxychlor	72-43-5	340000	8000	19	U	26	U	20	U	21	U	28	U	19	UJ	37	U	19
Toxaphene	8001-35-2	560	600	190	U	260	U	200	U	210	U	110	U	74	UJ	370	U	190

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

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B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	ore Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		
			Top Depth	5		5		5		5		5		
			Sample Location	07		SB08		SB169		SB23		SB24		
			Sample ID	977.01~~100902		SB08-05-10~50977.13~~100902		80018-SB169-0507		SB23-05-10~50985.02~~101002		SB24-05-10~50985.04~~101002		
			Risk Zone	*		J*		J*		J*		J*		
			Bottom Depth	0		10		7		10		10		
			Sample Date	2002		10/9/2002		10/27/2008		10/10/2002		10/10/2002		
			Sample Type	N		N		N		N		N		
			Field Duplicate Parent											
			Unit	/kg		ug/kg		ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	U	19	U	4.7	J	3.8	U	2.1	PJ		
4,4'-DDE	72-55-9	1800	--	U	19	U	4.7	J	3.8	U	1.6	PJ		
4,4'-DDT	50-29-3	1800	--	U	21	J	4.9	U	3.8	U	4.3	U		
Aldrin	309-00-2	--	--	U	10	U	2.5	U	2	U	2.2	U		
Alpha-BHC	319-84-6	97	--	U	10	U	2.5	U	2	U	2.2	U		
Alpha-Chordane	5103-71-9	490	66	U	10	U	2.5	U	2	U	2.2	U		
Beta-BHC	319-85-7	340	--	U	10	U	2.5	U	2	U	2.2	U		
Delta-BHC	319-86-8	97	--	U	10	U	2.5	U	2	U	2.2	U		
Dieldrin	60-57-1	38	7	U	19	U	4.9	U	3.8	U	6			
Endosulfan I	959-98-8	410000	8400	U	10	U	2.5	U	2	U	2.2	U		
Endosulfan II	33213-65-9	410000	8400	U	19	U	4.9	U	3.8	U	4.3	U		
Endosulfan Sulfate	1031-07-8	410000	8400	U	19	U	4.9	U	3.8	U	4.3	U		
Endrin	72-20-8	20000	--	U	19	U	4.9	U	3.8	U	2.4	PJ		
Endrin Aldehyde	7421-93-4	20000	--	U	19	U	4.9	U	3.8	U	4.4			
Endrin Ketone	53494-70-5	20000	--	U	19	U	4.9	U	3.8	U	4.3	U		
Gamma-BHC (Lindane)	58-89-9	20000	40	U	10	U	2.5	U	2	U	2.2	U		
Gamma-Chlordane	5103-74-2	490	66	J	19	U	2.5	U	2	U	2.1	PJ		
Heptachlor	76-44-8	140	13	U	10	U	2.5	U	1.2	PJB	3.1	PB		
Heptachlor Epoxide	1024-57-3	67	20	U	10	U	2.5	U	2	U	0.69	PJ		
Methoxychlor	72-43-5	340000	8000	U	100	U	25	U	20	U	1.9	PJ		
Toxaphene	8001-35-2	560	600	U	1000	U	250	U	200	U	220	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

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Residential Soil Scenario; May 2010

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D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St
			Top Depth	6		10		10		10		10		1
			Sample Location	SB48		SB14		SB15		SB171		SB21		SB
			Sample ID	S-051804-JR-100		SB14-10-15~50977.09~~100902		SB15-10-15~50985.1~~101002		80018-SB171-1012		SB21-10-15~2102202~~101402		KSB22-10-15~50985.0
			Risk Zone	J*		J*		J*		J*		J*		J
			Bottom Depth	10		15		15		12		15		1
			Sample Date	5/18/2004		10/9/2002		10/10/2002		10/27/2008		10/14/2002		10/10
			Sample Type	N		N		N		N		N		F
			Field Duplicate Parent											SB22-10-15~50985.08
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
4,4'-DDD	72-54-8	2600	--	4	U	5.3	U	3.8	U	21	JP	5.8	U	0.61
4,4'-DDE	72-55-9	1800	--	4	U	6.3		3.8	U	3.8	UJ	5.8	U	3.7
4,4'-DDT	50-29-3	1800	--		R	5.3	U	3.8	U	23		5.8	U	2
Aldrin	309-00-2	--	--	2.4	UJ	2.7	U	2	U	1.9	U	3	U	1.9
Alpha-BHC	319-84-6	97	--	2	U	2.7	U	2	U	1.9	U	3	U	1.9
Alpha-Chordane	5103-71-9	490	66			2.7	U	2	U		R	3	U	1.9
Beta-BHC	319-85-7	340	--	2	UJ	2.7	U	2	U	1.9	UJ	3	U	1.9
Delta-BHC	319-86-8	97	--	2	UJ	2.7	U	2	U	1.9	U	3	U	1.9
Dieldrin	60-57-1	38	7	4	U	6.2	J	3.8	U	**9.4**		5.8	U	1.6
Endosulfan I	959-98-8	410000	8400	2	U	2.7	U	2	U	1.9	UJ	3	U	1.9
Endosulfan II	33213-65-9	410000	8400	4	U	5.3	U	3.8	U	3.8	UJ	5.8	U	3.7
Endosulfan Sulfate	1031-07-8	410000	8400	4	U	5.3	U	3.8	U		R	5.8	U	3.7
Endrin	72-20-8	20000	--	6	U	5.3	U	3.8	U	8.3	J	5.8	U	2.1
Endrin Aldehyde	7421-93-4	20000	--	4	U	5.9	J	3.8	U	13		5.8	U	1.7
Endrin Ketone	53494-70-5	20000	--	4	U	5.3	U	3.8	U	30	J	5.8	U	3.7
Gamma-BHC (Lindane)	58-89-9	20000	40	2	U	2.7	U	2	U	1.9	U	3	U	1.9
Gamma-Chlordane	5103-74-2	490	66			2.7	U	2	U	5.9	J	3	U	0.42
Heptachlor	76-44-8	140	13	2	U	3.9	U	1.2	PJB	1.9	U	3	U	1.5
Heptachlor Epoxide	1024-57-3	67	20	2	UJ	2.7	U	2	U	1.9	UJ	3	U	1.9
Methoxychlor	72-43-5	340000	8000	20	U	27	U	20	U	19	U	30	U	19
Toxaphene	8001-35-2	560	600	81	U	270	U	200	U	190	U	300	U	190

Notes:

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CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

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B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	ore Ave.	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St	
			Top Depth	0	10		10		10		1	
			Sample Location	22	SB22		SB23		SB23		MW	
			Sample ID	)~FDOFA0S88~101002	SB22-10-15~50985.08~FDOFA0S89~101002		K5B23-10-15~50977.07~FDOFA0KM0~101003		SB23-10-15~50977.06~FDOFA0KM1~101002		S-05270	
			Risk Zone	*	J*		J*		J*		J	
			Bottom Depth	5	15		15		15		1	
			Sample Date	/2002	10/10/2002		10/10/2002		10/10/2002		5/27/	
			Sample Type	D	N		FD		N		N	
			Field Duplicate Parent	~FDOFA0S89~101002			SB23-10-15~50977.06~FDOFA0KM1~101002					
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	
4,4'-DDD	72-54-8	2600	--	PJ	3.5	U	3.9	U	3.8	U	3.9	
4,4'-DDE	72-55-9	1800	--	U	3.5	U	3.9	U	7.5		3.9	
4,4'-DDT	50-29-3	1800	--	PJ	1.1	PJ	3.9	U	3.8	U		
Aldrin	309-00-2	--	--	U	1.8	U	2	U	2	U	2.3	
Alpha-BHC	319-84-6	97	--	U	1.8	U	2	U	2	U	2	
Alpha-Chordane	5103-71-9	490	66	U	1.8	U	2	U	2	U		
Beta-BHC	319-85-7	340	--	U	1.8	U	2	U	2	U	2	
Delta-BHC	319-86-8	97	--	U	1.8	U	2	U	2	U		
Dieldrin	60-57-1	38	7	PJ	0.88	PJ	3.9	U		R	3.9	
Endosulfan I	959-98-8	410000	8400	U	1.8	U	2	U	2	U	2	
Endosulfan II	33213-65-9	410000	8400	U	3.5	U	3.9	U	3.8	U	3.9	
Endosulfan Sulfate	1031-07-8	410000	8400	U	3.5	U	3.9	U	3.8	U	3.9	
Endrin	72-20-8	20000	--	J	1.1	PJ	3.9	U	2	U	5.9	
Endrin Aldehyde	7421-93-4	20000	--	J	0.94	J	3.9	U	3.8	U	3.9	
Endrin Ketone	53494-70-5	20000	--	U	3.5	U	3.9	U	3.8	U		
Gamma-BHC (Lindane)	58-89-9	20000	40	U	1.8	U	2	U	0.68	J	2	
Gamma-Chlordane	5103-74-2	490	66	PJ	0.35	PJ	2	U	2	U		
Heptachlor	76-44-8	140	13	JB	1.3	JB	3.1	U	2.3	U	2	
Heptachlor Epoxide	1024-57-3	67	20	U	1.8	U	2	U	2	U	2	
Methoxychlor	72-43-5	340000	8000	U	18	U	20	U	20	U	20	
Toxaphene	8001-35-2	560	600	U	180	U	200	U	200	U	78	

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

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VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	ore Ave.	(Site) Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Sto		
			Top Depth	2	16		0		0		0		(		
			Sample Location	/3D	MW3D		SB05		SS03		SS04		SS		
			Sample ID	4-JR-177	S-052704-JR-178		SB05-00-05~2102236~~101802		SS-03~50959.03~~100802		KSS-04~021014-11~FDOFA0RF7~100402		SS-04~021014-10~F		
			Risk Zone	*	J*		E1*		E1*		E1*		E		
			Bottom Depth	6	20		5		0.25		0.25		0.		
			Sample Date	2004	5/27/2004		10/18/2002		10/8/2002		10/4/2002		10/4/		
			Sample Type	N	N		N		N		FD		N		
			Field Duplicate Parent								SS-04~021014-10~FDOFA0RK2~100402				
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**		
4,4'-DDD	72-54-8	2600	--	UJ	5.9	UJ	3.4	U	3.9	U	4.5	U	4.8		
4,4'-DDE	72-55-9	1800	--	UJ		R	3.4	U	1.3	J	4.5	U	4.8		
4,4'-DDT	50-29-3	1800	--	R		R	3.4	U	3.9				4.8		
Aldrin	309-00-2	--	--	UJ	3.6	UJ	1.8	U	2	U	2.3	U	2.4		
Alpha-BHC	319-84-6	97	--	UJ	3	UJ	1.8	U	2	U	2.3	U	2.4		
Alpha-Chordane	5103-71-9	490	66				1.8	U		R			2.4		
Beta-BHC	319-85-7	340	--	UJ	3	UJ	1.8	U	2	U	2.3	U	2.4		
Delta-BHC	319-86-8	97	--	R		R	1.8	U	2	U	2.3	U	2.4		
Dieldrin	60-57-1	38	7	UJ	5.9	UJ	3.4	U	3.9	U	4.5	U	4.8		
Endosulfan I	959-98-8	410000	8400	UJ	3	UJ	1.8	U	2	U	2.3	U	2.4		
Endosulfan II	33213-65-9	410000	8400	UJ	5.9	UJ	3.4	U	3.9	U	4.5	U	4.8		
Endosulfan Sulfate	1031-07-8	410000	8400	UJ	5.9	UJ	3.4	U	3.9	U	4.5	U	4.8		
Endrin	72-20-8	20000	--	UJ	8.9	UJ	3.4	U	3.9	U	4.5	U	4.8		
Endrin Aldehyde	7421-93-4	20000	--	UJ	5.9	UJ	3.4	U	3.9	U	4.5	U	4.8		
Endrin Ketone	53494-70-5	20000	--	R		R	3.4	U	3.9	U	4.5	U	4.8		
Gamma-BHC (Lindane)	58-89-9	20000	40	UJ	3	UJ	1.8	U	2	U	2.3	U	2.4		
Gamma-Chlordane	5103-74-2	490	66				1.8	U	2.9	J	15		2.4		
Heptachlor	76-44-8	140	13	UJ	3	UJ	1.8	U	2.4	U	2.3	U	2.4		
Heptachlor Epoxide	1024-57-3	67	20	UJ		R	1.8	U	2	U	2.3	U	2.4		
Methoxychlor	72-43-5	340000	8000	UJ	30	UJ	18	U	20	U	23	U	24		
Toxaphene	8001-35-2	560	600	UJ	120	UJ	180	U	200	U	230	U	240		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

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VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

				Address	re Ave.	119 Store Ave.		119 Store Ave.		119 Store Ave.	
				Top Depth	0	0		0		0	
				Sample Location	04	SS-17		SS-17		SS-18	
				Sample ID	DOFA0RK2~100402	APJ63		APJ65		APJ66	
				Risk Zone	1*	E1*		E1*		E1*	
				Bottom Depth	25	0.5		0.5		0.5	
				Sample Date	2002	4/26/1999		4/26/1999		4/26/1999	
				Sample Type	N	N		FD		N	
				Field Duplicate Parent				APJ63			
				Unit	/kg	ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**		**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	U		3.9	U	3.9	U	3.8	U
4,4'-DDE	72-55-9	1800	--	U		3.6	J	4.1		44	
4,4'-DDT	50-29-3	1800	--	U			R		R	8.5	J
Aldrin	309-00-2	--	--	U		2	U	2	U	2	U
Alpha-BHC	319-84-6	97	--	U		2	U	2	U		R
Alpha-Chordane	5103-71-9	490	66	U		2	U	2	U	16	JEB
Beta-BHC	319-85-7	340	--	U			R	2	U	2	U
Delta-BHC	319-86-8	97	--	U		2	U	2	U	2	U
Dieldrin	60-57-1	38	7	U		3.9	U	3.9	U	**21**	EB
Endosulfan I	959-98-8	410000	8400	U		2	U	2	U	9.9	U
Endosulfan II	33213-65-9	410000	8400	U		3.9	U	3.9	U	4.5	J
Endosulfan Sulfate	1031-07-8	410000	8400	U		2.3	J	2.7	J	5.3	
Endrin	72-20-8	20000	--	U		3.9	U	3.9	U		R
Endrin Aldehyde	7421-93-4	20000	--	U		3	J	3.9	U	3.8	U
Endrin Ketone	53494-70-5	20000	--	U		3.9	U	3.9	U	3	J
Gamma-BHC (Lindane)	58-89-9	20000	40	U		2	U	2	U	2	U
Gamma-Chlordane	5103-74-2	490	66	U		2	U	2	U	9	J
Heptachlor	76-44-8	140	13	U		2	U	2	U	2	U
Heptachlor Epoxide	1024-57-3	67	20	U		2	U	0.62	JEB	3.7	EB
Methoxychlor	72-43-5	340000	8000	U		20	U	20	U	100	U
Toxaphene	8001-35-2	560	600	U		200	U	200	U	200	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

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Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0		0		0		0		0.5		0.5		0.5		0.5		0.5	
			Sample Location	SS-19		SS-20		SS-21		SS-22		SS-17		SS-18		SS-19		SS-20		SS-21	
			Sample ID	APJ68		APJ70		APJ72		APJ74		APJ64		APJ67		APJ69		APJ71		APJ73	
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
			Bottom Depth	0.5		0.5		0.5		0.5		2		2		2		2		2	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
			Sample Type	N		N		N		N		N		N		N		N		N	
			Field Duplicate Parent																		
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	4	U	3.8	U	3.9	U	3.7	U	3.7	U	3.4	U	3.5	U	3.4	U	3.7	U
4,4'-DDE	72-55-9	1800	--	2.1	J	3.8	U		R	3.7	U	1.5	J	2.9	J	0.46	J	3.4	U		R
4,4'-DDT	50-29-3	1800	--	4	U	3.8	U		R	3.7	U		R	4		3.5	U		R		R
Aldrin	309-00-2	--	--	2	U	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
Alpha-BHC	319-84-6	97	--	2	U	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
Alpha-Chordane	5103-71-9	490	66	2	U	2	U	3.2	JEB	1.9	U	1.9	U		R	1.8	U	1.8	U	1.9	U
Beta-BHC	319-85-7	340	--	2	U		R	2	U		R	1.9	U	1.8	U	1.8	U		R	3.8	U
Delta-BHC	319-86-8	97	--	2	U	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
Dieldrin	60-57-1	38	7	4	U	3.8	U	3.9	U	3.7	U	0.63	JEB	4.3	JEB	3.5	U	3.4	U	3.7	U
Endosulfan I	959-98-8	410000	8400	2	U	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
Endosulfan II	33213-65-9	410000	8400	4	U	3.8	U	3.9	U	3.7	U	3.7	U	3.4	U	3.5	U	3.4	U	3.7	U
Endosulfan Sulfate	1031-07-8	410000	8400	4	U	3.8	U	6.9		3.7	U	3.7	U	3.4	U	3.5	U		R	6.4	
Endrin	72-20-8	20000	--		R	3.8	U	7.8	U	3.7	U	3.7	U	3.4	U	3.5	U		R	5	JEB
Endrin Aldehyde	7421-93-4	20000	--	5.9		3.8	U	7.1		3.7	U	3.7	U	3.4	U	0.72	J	3.4	U	4.2	J
Endrin Ketone	53494-70-5	20000	--	4	U	3.8	U	3.9	U	3.7	U	3.7	U	0.65	J	3.5	U	3.4	U	3.7	U
Gamma-BHC (Lindane)	58-89-9	20000	40	2	U	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
Gamma-Chlordane	5103-74-2	490	66		R	2	U		R	1.9	U		R	0.47	J	0.58	J		R		R
Heptachlor	76-44-8	140	13	2	U	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
Heptachlor Epoxide	1024-57-3	67	20	0.22	JEB	2	U	0.39	JEB	1.9	U	1.9	U	0.54	JEB	1.8	U	0.6	JEB	0.55	JEB
Methoxychlor	72-43-5	340000	8000	20	U	20	U	40	U	19	U	19	U	18	U	18	U		R	38	U
Toxaphene	8001-35-2	560	600	200	U	200	U	200	U	190	U	190	U	180	U	180	U	180	U	190	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
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P- %D between two collumns

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VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	0.5		4		5		5	
			Sample Location	SS-22		SB13		SB05		SB06	
			Sample ID	APJ75		SB-13-04-06~021014-04~~100302		SB05-05-10~2102237~~101802		SB06-05-10~2102238~~101802	
			Risk Zone	E1*		E1*		E1*		E1*	
			Bottom Depth	2		6		10		10	
			Sample Date	4/26/1999		10/3/2002		10/18/2002		10/18/2002	
			Sample Type	N		N		N		N	
			Field Duplicate Parent								
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	3.7	U	4.1	U	4.2	U	3.8	U
4,4'-DDE	72-55-9	1800	--		R	4.1	U	4.2	U	3.8	U
4,4'-DDT	50-29-3	1800	--		R	4.1	U	4.2	U	3.8	U
Aldrin	309-00-2	--	--	1.9	U	2.1	U	2.2	U	2	U
Alpha-BHC	319-84-6	97	--	1.9	U	2.1	U	2.2	U	2	U
Alpha-Chordane	5103-71-9	490	66	1.9	U	2.1	U	2.2	U	2	U
Beta-BHC	319-85-7	340	--	1.9	U	2.1	U	2.2	U	2	U
Delta-BHC	319-86-8	97	--	1.9	U	2.1	U	2.2	U	2	U
Dieldrin	60-57-1	38	7	3.7	U	4.1	U	4.2	U	3.8	U
Endosulfan I	959-98-8	410000	8400	1.9	U	2.1	U	2.2	U	2	U
Endosulfan II	33213-65-9	410000	8400	3.7	U	4.1	U	4.2	U	3.8	U
Endosulfan Sulfate	1031-07-8	410000	8400	3.7	U	4.1	U	4.2	U	3.8	U
Endrin	72-20-8	20000	--	3.7	U	4.1	U	4.2	U	3.8	U
Endrin Aldehyde	7421-93-4	20000	--	3.7	U	4.1	U	4.2	U	3.8	U
Endrin Ketone	53494-70-5	20000	--	3.7	U			4.2	U	3.8	U
Gamma-BHC (Lindane)	58-89-9	20000	40	1.9	U	2.1	U	2.2	U	2	U
Gamma-Chlordane	5103-74-2	490	66		R			2.2	U	2	U
Heptachlor	76-44-8	140	13	1.9	U	2.1	U	2.2	U	2	U
Heptachlor Epoxide	1024-57-3	67	20	1.9	U	2.1	U	2.2	U	2	U
Methoxychlor	72-43-5	340000	8000	19	U	21	U	22	U	20	U
Toxaphene	8001-35-2	560	600	190	U	210	U	220	U	200	U

Notes:

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Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
			Top Depth	5		5		5		5		5		4	
			Sample Location	SB150		SB150		SB152		SB153		SB154		SB189	
			Sample ID	80018-DUP106-0507		80018-SB150-0507		80018-SB152-0507		80018-SB153-0507		80018-SB154-0507		80018-DUP02-0410-0311	
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*	
			Bottom Depth	7		7		7		7		7		10	
			Sample Date	10/23/2008		10/23/2008		10/24/2008		10/24/2008		10/23/2008		4/4/2011	
			Sample Type	FD		N		N		N		N		FD	
			Field Duplicate Parent	80018-SB150-0507										80018-SB189-0410-0311	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--		R		R	3.7	U	15		4.6	J	4	U
4,4'-DDE	72-55-9	1800	--		R	4	U	3.7	U	3.7	U	3.6	UJ	9.6	P
4,4'-DDT	50-29-3	1800	--	10	J	9.1	J	3.7	U	12	J	4		4	U
Aldrin	309-00-2	--	--	2	U	2	U	1.9	U	1.9	U	1.8	U	2.1	U
Alpha-BHC	319-84-6	97	--	2	U	2	U	1.9	U	1.9	U	1.8	U	2.1	U
Alpha-Chordane	5103-71-9	490	66	5.7		3.6	J	1.9	U	1.9	UJ	1.8	UJ	1.5	JBP
Beta-BHC	319-85-7	340	--		R	2	UJ	1.9	U	1.9	U		R	2.1	U
Delta-BHC	319-86-8	97	--	2	U	2	U	1.9	U	1.9	U	1.8	U	2.1	U
Dieldrin	60-57-1	38	7	4	J	4	U	3.7	U	5.9	J	3.6	U	**14**	P
Endosulfan I	959-98-8	410000	8400	1.6	J	2	U	1.9	U	1.2	J		R	1.1	JP
Endosulfan II	33213-65-9	410000	8400	3.9	U	4	U	3.7	U	3.7	U	3.6	U	2.4	JP
Endosulfan Sulfate	1031-07-8	410000	8400	5.2	J	6.9	J	3.7	U		R	11		4	U
Endrin	72-20-8	20000	--	3.9	UJ	4	U	3.7	U	2.6	J	3.6	UJ	4	P
Endrin Aldehyde	7421-93-4	20000	--	5.4	J	4.7		3.7	U	7.7	J		R	1.4	JP
Endrin Ketone	53494-70-5	20000	--	11	J	12	J	4.5	J	18	J		R	1.7	J
Gamma-BHC (Lindane)	58-89-9	20000	40	2	U	2	U	1.9	U	1.9	U	1.8	U	2.1	U
Gamma-Chlordane	5103-74-2	490	66	2.1	J	2	UJ	1.9	U	1.6	J	1.6	J	5.3	BP
Heptachlor	76-44-8	140	13	2	U	2	U	1.9	U	1.9	U	1.8	U	2.1	U
Heptachlor Epoxide	1024-57-3	67	20	2.4	J	2	U	1.9	U	1.9	U	1.8	U	2.6	P
Methoxychlor	72-43-5	340000	8000	20	U	20	U	19	U	55	J	14	J	21	U
Toxaphene	8001-35-2	560	600	200	U	200	U	190	U	190	U	180	U	210	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

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B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Sto
			Top Depth	4		4		4		10		10		1
			Sample Location	SB189		SB190		SB208		SB06		SB13		SE
			Sample ID	80018-SB189-0410-0311		80018-SB190-0410-0311		80018-SB208-0410-0311		SB06-10-15~2102239~~101802		SB13-10-15~50985.13~~101102		SB06-15-20~21
			Risk Zone	E1*		E1*		E1*		E1*		E1*		E
			Bottom Depth	10		9		10		15		15		2
			Sample Date	4/4/2011		3/31/2011		4/4/2011		10/18/2002		10/11/2002		10/18
			Sample Type	N		N		N		N		N		N
			Field Duplicate Parent											
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
4,4'-DDD	72-54-8	2600	--	4	U	2.6	JP	1.2	JP	4.1	U	62	DP	3.8
4,4'-DDE	72-55-9	1800	--	9.8		10	P	4.1	JP	4.1	U	4.2	U	3.8
4,4'-DDT	50-29-3	1800	--	29		13	P	6.3	P	4.1	U	27		3.8
Aldrin	309-00-2	--	--	2	U	1.9	U	2.3	U	2.1	U	2.1	U	2
Alpha-BHC	319-84-6	97	--	2	U	1.9	U	2.3	U	2.1	U	2.1	U	2
Alpha-Chordane	5103-71-9	490	66	2	JBP	0.5	JBP	2.8	B	2.1	U	21	U	2
Beta-BHC	319-85-7	340	--	2	U	15	P	2.4	P	2.1	U	2.1	U	2
Delta-BHC	319-86-8	97	--	2	U	0.55	JP	2.3	U	2.1	U	2.1	U	2
Dieldrin	60-57-1	38	7	**22**	P	3.6	JP	4.4	U	4.1	U	**8.2**	DPJ	3.8
Endosulfan I	959-98-8	410000	8400	2.6	P	2.9	P	0.95	J	2.1	U	2.1	U	2
Endosulfan II	33213-65-9	410000	8400	2.9	JP	3.7	U	4.4	U	4.1	U	4.2	U	3.8
Endosulfan Sulfate	1031-07-8	410000	8400	4	U	2.2	JP	3	JP	4.1	U	16	DPJ	3.8
Endrin	72-20-8	20000	--	5.9	P	0.86	JP	4.4	U	4.1	U	4.2	U	3.8
Endrin Aldehyde	7421-93-4	20000	--	2.9	JP	15	P	7	P	4.1	U	4.2	U	3.8
Endrin Ketone	53494-70-5	20000	--	7.2		17	P	8.1		4.1	U	33	DPJ	3.8
Gamma-BHC (Lindane)	58-89-9	20000	40	2	U	1.9	U	2.3	U	2.1	U	2.1	U	2
Gamma-Chlordane	5103-74-2	490	66	4.8	BP	14	B	1.2	JBP	2.1	U	14		2
Heptachlor	76-44-8	140	13	2	U	1.9	U	2.3	U	2.1	U	21	U	2
Heptachlor Epoxide	1024-57-3	67	20	2.2	P	1.7	JP	0.75	JP	2.1	U	21	U	2
Methoxychlor	72-43-5	340000	8000	20	U	35	P	7.9	JP	21	U	210	U	20
Toxaphene	8001-35-2	560	600	200	U	190	U	230	U	210	U	210	U	200

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

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R - Value is rejected and not usable

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P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	re Ave.		119 Store Ave.		119 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Sto
			Top Depth	5		15		15		0		0		0		(
			Sample Location	06		SB13		SB151		SB33		SB36		SS146		SS
			Sample ID	02240~~101802		SB13-15-20~50985.12~~101102		80018-SB151-1517		SB33-00-05~2102207~~101502		SB36-00-05~2102203~~101502		80018-SS146-0002		SS-027~A0R0
			Risk Zone	1*		E1*		E1*		E3*		E3*		E3*		E
			Bottom Depth	0		20		17		5		5		2		0.
			Sample Date	/2002		10/11/2002		10/23/2008		10/15/2002		10/15/2002		11/1/2008		10/24
			Sample Type	N		N		N		N		N		N		N
			Field Duplicate Parent													
			Unit	/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
4,4'-DDD	72-54-8	2600	--	U	4.4	U	5.9	UJ	3.8	U			52	J	19
4,4'-DDE	72-55-9	1800	--	U	4.4	U	5.9	UJ	3.8	U	3.6	U	44		28
4,4'-DDT	50-29-3	1800	--	U	4.4	U	12	J					160	D	19
Aldrin	309-00-2	--	--	U	2.3	U	3	U	2	U	1.8	U	2.1	U	9.9
Alpha-BHC	319-84-6	97	--	U	2.3	U	3.1	J	2	U	1.8	U	2.1	U	9.9
Alpha-Chordane	5103-71-9	490	66	U	2.3	U	3	U					**190**	D	
Beta-BHC	319-85-7	340	--	U	0.5	PJ	3	U	2	U	1.8	U		R	9.9
Delta-BHC	319-86-8	97	--	U	2.3	U	3	U	2	U	1.8	U	2.1	U	9.9
Dieldrin	60-57-1	38	7	U	0.41	PJ	5.9	U	3.8	U	3.6	U	5.3		19
Endosulfan I	959-98-8	410000	8400	U	2.3	U	3	U	2	U	1.8	U		R	9.9
Endosulfan II	33213-65-9	410000	8400	U	4.4	U	5.9	U	3.8	U	3.6	U		R	19
Endosulfan Sulfate	1031-07-8	410000	8400	U	4.4	U	9.3	J	3.8	U	3.6	U	20	J	19
Endrin	72-20-8	20000	--	U	4.4	U	5.9	U	3.8	U	3.6	U		R	19
Endrin Aldehyde	7421-93-4	20000	--	U	4.4	U	16		3.8	U	3.6	U	13	J	19
Endrin Ketone	53494-70-5	20000	--	U	4.4	U	27		3.8	U	3.6	U	43		19
Gamma-BHC (Lindane)	58-89-9	20000	40	U	2.3	U	3	U	2	U	1.8	U	2.1	U	9.9
Gamma-Chlordane	5103-74-2	490	66	U	2.3	U	3	U	9.9		13		**180**	D	
Heptachlor	76-44-8	140	13	U	1.8	PJB	3	U	2	U	1.8	U	6.9		9.9
Heptachlor Epoxide	1024-57-3	67	20	U	2.3	U	3	U					**32**		**25**
Methoxychlor	72-43-5	340000	8000	U	23	U	18	J	20	U	18	U	11	J	99
Toxaphene	8001-35-2	560	600	U	230	U	300	U	200	U	180	U	210	U	990

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

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P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	re Ave.	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	0	0		0		0		0		0		0		0		0	
			Sample Location	27	SS31		SS31		SS-33		SS-34		SS-35		SS-36		SS-37			
			Sample ID	54-6~~102402	SS-031~A0KK9-7~~110102		SS-031~A0KK9-7A66~~110102		APJ97		APJ99		APK02		APK04		APK06			
			Risk Zone	3*	E3*		E3*		E3*		E3*		E3*		E3*		E3*			
			Bottom Depth	25	0.25		0.25		0.5		0.5		0.5		0.5		0.5			
			Sample Date	/2002	11/1/2002		11/1/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999			
			Sample Type	N	N		N		N		N		N		N		N			
			Field Duplicate Parent																	
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	U	4.1	JDP			18	U	3.9	U	4.1	U	14		3.9	U		
4,4'-DDE	72-55-9	1800	--		8.3	JDP				R	8.1	J	4.1	U	60			R		
4,4'-DDT	50-29-3	1800	--	U			5.9	P	3	J	39	U		R	85		2.7	J		
Aldrin	309-00-2	--	--	U			2	U	1.9	U	2	U		R	3.9	U	2	U		
Alpha-BHC	319-84-6	97	--	U			2	U	1.9	U	2	U	2	U	3.9	U	2	U		
Alpha-Chordane	5103-71-9	490	66		**69**	DP			34	JEB	**160**	JEB		R	30	JEB	**99**	JEB		
Beta-BHC	319-85-7	340	--	U			2	U	1.9	U	2	U	2.1	U	3.9	U	2	U		
Delta-BHC	319-86-8	97	--	U			2	U	1.9	U	2	U	2.1	U	3.9	U	2	U		
Dieldrin	60-57-1	38	7	U	3.4	JDP			3.5	JEB	3.9	U	0.37	JEB	**8.9**	EB	1.7	JEB		
Endosulfan I	959-98-8	410000	8400	U			2	U	1.9	U	2	U	2.1	U	3.9	U	2	U		
Endosulfan II	33213-65-9	410000	8400	U			4.3	P	3.7	U	3.9	U	4.1	U	7.6	U	3.9	U		
Endosulfan Sulfate	1031-07-8	410000	8400	U			4.5	P	1.9	J	39	U	1.4	J	9.4		3.9	U		
Endrin	72-20-8	20000	--	U			2.9	JP	3.7	U	3.9	U	4.1	U		R	3.9	U		
Endrin Aldehyde	7421-93-4	20000	--	U			3.9	U	3.7	U	39	U	4.1	U	7.6	U	3.9	U		
Endrin Ketone	53494-70-5	20000	--	U					3.7	U	3.9	U	0.88	J	3.7	J	3.9	U		
Gamma-BHC (Lindane)	58-89-9	20000	40	U			2	U	1.9	U	2	U	2.1	U	3.9	U	2	U		
Gamma-Chlordane	5103-74-2	490	66		36	DP			11	J	**96**		2	J		R	27	J		
Heptachlor	76-44-8	140	13	U			2	U	1.9	U	2	U	2.1	U	3.9	U	2	U		
Heptachlor Epoxide	1024-57-3	67	20		17	JDP			3.4	EB	**46**		0.8	JEB	2.8	JEB	19	EB		
Methoxychlor	72-43-5	340000	8000	U			20	U	19	U	20	U	21	U	39	U	5.3	J		
Toxaphene	8001-35-2	560	600	U			200	U	190	U	200	U	210	U	390	U	200	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

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Residential Soil Scenario; May 2010

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VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
			Top Depth	0		0.5		0.5		0.5		0.5		0.5		0.5		0.5		2	
			Sample Location	SS-38		SS-33		SS-34		SS-34		SS-35		SS-36		SS-37		SS-38		SB167	
			Sample ID	APK08		APJ98		APK00		APK01		APK03		APK05		APK07		APK09		80018-DUP110-0203	
			Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E3*		E3*		E3*	
			Bottom Depth	0.5		2		2		2		2		2		2		2		3	
			Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		11/12/2008	
			Sample Type	N		N		N		FD		N		N		N		N		FD	
			Field Duplicate Parent							APK00										80018-SB167-0203	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	4	U	7.7	U	38	U	3.8	U	1.8	J	7.6	U	3.8	U	3.5	U	5.4	J
4,4'-DDE	72-55-9	1800	--	5.8	J	1.7	J		R		R	4.2			R	8.8		4	U	2.5	J
4,4'-DDT	50-29-3	1800	--	7	J	3.3	J	14	J	9.6	J	3.5	U	6.4	J	11		6.3		6.6	
Aldrin	309-00-2	--	--	2	U	4	U	2	U	2	U	1.8	U	3.9	U	2	U	1.8	U	1.9	U
Alpha-BHC	319-84-6	97	--	2	U	4	U	2	U	2	U	1.8	U	3.9	U	2	U	1.8	U	1.9	U
Alpha-Chordane	5103-71-9	490	66	**75**	JEB	2.8	JEB	**160**	JEB	**110**	JEB	1.8	U	10	JEB	9.3	JEB	48	JEB	10	J
Beta-BHC	319-85-7	340	--	2	U		R	2	U	2	U	1.8	U		R	2	U	1.8	U	1.9	U
Delta-BHC	319-86-8	97	--	2	U	4	U	2	U	2	U	1.8	U	3.9	J	2	U	1.8	U	1.9	U
Dieldrin	60-57-1	38	7		R	2.1	JEB	3.8	U	3.8	U	3.9	JEB	2.6	JEB		R	1.1	JEB	3.7	U
Endosulfan I	959-98-8	410000	8400	2	U	4	U	2	U	2	U	1.8	U	3.9	U	2	U	1.8	U	1.9	U
Endosulfan II	33213-65-9	410000	8400	4	U	7.7	U	3.8	U	3.8	U	3.5	U	7.6	U	3.8	U	3.5	U	3.7	U
Endosulfan Sulfate	1031-07-8	410000	8400	4	U	7.7	U	3.8	U	3.8	U	3.5	U	7.6	U	3.8	U	3.5	U	3.7	U
Endrin	72-20-8	20000	--	4	U	7.7	U	3.8	U	3.8	U	3.5	U	7.6	U		R	3.5	U	3.7	U
Endrin Aldehyde	7421-93-4	20000	--	4	U	7.7	U		R	3.8	U		R	7.6	U	2	J	3.5	U	3.7	U
Endrin Ketone	53494-70-5	20000	--	4	U	8.1	J	8.7	J	6.8	J	11		4.5	J	3.8	U	3.5	U	3.7	U
Gamma-BHC (Lindane)	58-89-9	20000	40	2	U	4	U	2	U	2	U	1.8	U	3.9	U	2	U	1.8	U	1.9	U
Gamma-Chlordane	5103-74-2	490	66	30	J	4	U	**110**	J	58	J	1.8	U		R		R	19	J	7	
Heptachlor	76-44-8	140	13	2	U	4	U	0.71	J	2	U	1.8	U	3.9	J	2	U	1.8	U	1.9	U
Heptachlor Epoxide	1024-57-3	67	20	5.9	JEB	4	U	18	JEB	12	JEB	1.8	U	1.6	JEB		R	3.3	JEB	1.2	J
Methoxychlor	72-43-5	340000	8000	6.9	J	40	U	200	U	99	U		R	39	U		R	18	U	19	U
Toxaphene	8001-35-2	560	600	200	U	400	U	200	U	200	U	180	U	390	U	200	U	180	U	190	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		
			Top Depth	2		5		5		
			Sample Location	SB167		SB163		SB164		
			Sample ID	80018-SB167-0203		80018-SB163-0507		80018-SB164-0507		
			Risk Zone	E3*		E3*		E3*		
			Bottom Depth	3		7		7		
			Sample Date	11/12/2008		10/21/2008		10/21/2008		
			Sample Type	N		N		N		
			Field Duplicate Parent							
			Unit	ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
4,4'-DDD	72-54-8	2600	--	6.6	J	4	U	3.9	J	
4,4'-DDE	72-55-9	1800	--	2.5	J	4	U	3.8	U	
4,4'-DDT	50-29-3	1800	--	7.7		4	U	3.8	U	
Aldrin	309-00-2	--	--	1.9	U	2	U	2	U	
Alpha-BHC	319-84-6	97	--	1.9	U	2	U	2	U	
Alpha-Chordane	5103-71-9	490	66	14	J	2	U	4.4	J	
Beta-BHC	319-85-7	340	--	1.9	U	2	U	2	U	
Delta-BHC	319-86-8	97	--	1.9	U	2	U	2	U	
Dieldrin	60-57-1	38	7	3.7	U	4	U	3.8	U	
Endosulfan I	959-98-8	410000	8400	1.9	U	2	U	2	U	
Endosulfan II	33213-65-9	410000	8400	3.7	U	4	U	3.8	U	
Endosulfan Sulfate	1031-07-8	410000	8400	2.6	J	4	U	3.8	UJ	
Endrin	72-20-8	20000	--	3.7	U	4	U	3.8	U	
Endrin Aldehyde	7421-93-4	20000	--	3.7	U	4	U	2.3	J	
Endrin Ketone	53494-70-5	20000	--	4.4	J	4	U	6.4	J	
Gamma-BHC (Lindane)	58-89-9	20000	40	1.9	U	2	U	2	U	
Gamma-Chlordane	5103-74-2	490	66	9.4		2	U	1.4	J	
Heptachlor	76-44-8	140	13	1.9	U	2	U	2	U	
Heptachlor Epoxide	1024-57-3	67	20	1.7	J	2	U	2	U	
Methoxychlor	72-43-5	340000	8000	19	U	20	U	20	U	
Toxaphene	8001-35-2	560	600	190	U	200	U	200	U	

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

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P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Sto
			Top Depth	5		5		4		4		5		5		1
			Sample Location	SB165		SB166		SB205		SB206		SB32		SB36		SE
			Sample ID	80018-SB165-0507		80018-SB166-0507		80018-SB205-0410-0311		80018-SB206-0410-0311		SB32-05-10~2102205~~101502		SB36-05-10~2102204~~101502		SB32-10-15~21
			Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E
			Bottom Depth	7		7		10		10		10		10		1
			Sample Date	10/21/2008		10/21/2008		4/4/2011		4/4/2011		10/15/2002		10/15/2002		10/15
			Sample Type	N		N		N		N		N		N		N
			Field Duplicate Parent													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
4,4'-DDD	72-54-8	2600	--	3.7	U	3.8	U	5.6	U	4.5	U	4.2	U	3.5	U	6.3
4,4'-DDE	72-55-9	1800	--	4.3		3.8	U	5.6	U	4.5	U	4.2	U	3.5	U	6.3
4,4'-DDT	50-29-3	1800	--	3.8		3.8	U	5.6	U	4.5	U	4.2	U	3.5	U	6.3
Aldrin	309-00-2	--	--	1.9	U	2	U	2.9	U	2.3	U	2.2	U	1.8	U	3.3
Alpha-BHC	319-84-6	97	--	1.9	U	2	U	2.9	U	2.3	U	2.2	U	1.8	U	3.3
Alpha-Chordane	5103-71-9	490	66	2.2	J	2	U	1	JBP	0.64	JB	2.2	U	1.8	U	3.3
Beta-BHC	319-85-7	340	--	1.9	U	2	U	1.9	J	2.1	JP	2.2	U	1.8	U	3.3
Delta-BHC	319-86-8	97	--	1.9	U	2	U	2.9	U	2.3	U	2.2	U	1.8	U	3.3
Dieldrin	60-57-1	38	7	3.7	U	3.8	U	5.6	U	4.5	U	4.2	U	3.5	U	6.3
Endosulfan I	959-98-8	410000	8400	1.9	U	2	U	2.9	U	2.3	U	2.2	U	1.8	U	3.3
Endosulfan II	33213-65-9	410000	8400	3.7	U	3.8	U	5.6	U	4.5	U	4.2	U	3.5	U	6.3
Endosulfan Sulfate	1031-07-8	410000	8400	3.7	U	3.8	U	5.6	U	4.5	U	4.2	U	3.5	U	6.3
Endrin	72-20-8	20000	--	3.7	U	3.8	U	5.6	U	4.5	U	4.2	U	3.5	U	6.3
Endrin Aldehyde	7421-93-4	20000	--	3.7	U	3.8	U	5.6	U	4.5	U	4.2	U	3.5	U	6.3
Endrin Ketone	53494-70-5	20000	--	3.7	U	3.8	U	5.6	U	4.5	U	4.2	U	3.5	U	6.3
Gamma-BHC (Lindane)	58-89-9	20000	40	1.9	U	2	U	2.9	U	2.3	U	2.2	U	1.8	U	3.3
Gamma-Chlordane	5103-74-2	490	66	1.1	J	2	U	1.2	JBP	2.3	U	2.2	U	1.8	U	3.3
Heptachlor	76-44-8	140	13	1.9	U	2	U	2.9	U	2.3	U	2.2	U	1.8	U	3.3
Heptachlor Epoxide	1024-57-3	67	20	1.9	U	2	U	2.9	U	2.3	U	2.2	U	1.8	U	3.3
Methoxychlor	72-43-5	340000	8000	19	U	20	U	29	U	23	U	22	U	18	U	33
Toxaphene	8001-35-2	560	600	190	U	200	U	290	U	230	U	220	U	180	U	330

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	re Ave.	136 Store Ave.		136 Store Ave.		136 Store Ave.		17 Dunba	
			Top Depth	0	10		15		15		0	
			Sample Location	32	SB33		SB32		SB32		SB03	
			Sample ID	02206~~101502	SB33-10-15~2102208~~101502		KSB32-15-20~2102231~FDOFA0SB8~101502		SB32-15-20~2102230~FDOFA0SB9~101502		SB03-00-05~21022	
			Risk Zone	3*	E3*		E3*		E3*			
			Bottom Depth	5	15		20		20		5	
			Sample Date	/2002	10/15/2002		10/15/2002		10/15/2002		10/16/2(	
			Sample Type	I	N		FD		N		N	
			Field Duplicate Parent				SB32-15-20~2102230~FDOFA0SB9~101502					
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kc	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	Result	
4,4'-DDD	72-54-8	2600	--	U	3.5	U	4	U	4.2	U	3.8	
4,4'-DDE	72-55-9	1800	--	U	3.5	U	4	U	4.2	U	3.8	
4,4'-DDT	50-29-3	1800	--	U	3.5	U	4	U	4.2	U	3.8	
Aldrin	309-00-2	--	--	U	1.8	U	2.1	U	2.2	U	2	
Alpha-BHC	319-84-6	97	--	U	1.8	U	2.1	U	2.2	U	2	
Alpha-Chordane	5103-71-9	490	66	U	1.8	U	2.1	U	2.2	U	2	
Beta-BHC	319-85-7	340	--	U	1.8	U	2.1	U	2.2	U	2	
Delta-BHC	319-86-8	97	--	U	1.8	U	2.1	U	2.2	U	2	
Dieldrin	60-57-1	38	7	U	3.5	U	4	U	4.2	U	3.8	
Endosulfan I	959-98-8	410000	8400	U	1.8	U	2.1	U	2.2	U	2	
Endosulfan II	33213-65-9	410000	8400	U	3.5	U	4	U	4.2	U	3.8	
Endosulfan Sulfate	1031-07-8	410000	8400	U	3.5	U	4	U	4.2	U	3.8	
Endrin	72-20-8	20000	--	U	3.5	U	4	U	4.2	U	3.8	
Endrin Aldehyde	7421-93-4	20000	--	U	3.5	U	4	U	4.2	U	3.8	
Endrin Ketone	53494-70-5	20000	--	U	3.5	U	4	U	4.2	U	3.8	
Gamma-BHC (Lindane)	58-89-9	20000	40	U	1.8	U	2.1	U	2.2	U	2	
Gamma-Chlordane	5103-74-2	490	66	U	1.8	U	2.1	U	2.2	U	2	
Heptachlor	76-44-8	140	13	U	1.8	U	2.1	U	2.2	U	2	
Heptachlor Epoxide	1024-57-3	67	20	U	1.8	U	2.1	U	2.2	U	2	
Methoxychlor	72-43-5	340000	8000	U	18	U	21	U	22	U	20	
Toxaphene	8001-35-2	560	600	U	180	U	210	U	220	U	200	

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

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B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	r St.	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.	
			Top Depth		5		0		0		0	
			Sample Location		SB110		SS02		SS09		SS108	
			Sample ID	10~~101602	80018-SB110-0507		SS-02~50959.02~~100802		SS-09~A0RG2-1~~103102		80018-SS108-0006	
			Risk Zone									
			Bottom Depth		7		0.25		0.25		0.5	
			Sample Date	002	10/27/2008		10/8/2002		10/31/2002		10/16/2008	
			Sample Type		N		N		N		N	
			Field Duplicate Parent									
			Unit		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDD	72-54-8	2600	--	U	24		29		4.2	U	3.8	U
4,4'-DDE	72-55-9	1800	--	U	30		63				4	
4,4'-DDT	50-29-3	1800	--	U	13		79				9.8	
Aldrin	309-00-2	--	--	U	2.2	U	2	U	2.2	U	2	U
Alpha-BHC	319-84-6	97	--	U	2.2	U	2	U	2.2	U	2	U
Alpha-Chordane	5103-71-9	490	66	U	2.2	U	2	U	6.3		2	U
Beta-BHC	319-85-7	340	--	U	2.2	U	2	U	2.2	U	2	U
Delta-BHC	319-86-8	97	--	U	2.2	U	2	U	2.2	U	2	U
Dieldrin	60-57-1	38	7	U	4.3	U	4	U	4.2	U	3.8	U
Endosulfan I	959-98-8	410000	8400	U	2.2	U	2	U	2.2	U	2	U
Endosulfan II	33213-65-9	410000	8400	U	4.3	U	4	U	4.2	U	3.8	U
Endosulfan Sulfate	1031-07-8	410000	8400	U	4.3	U	4	U	4.2	U	3.8	U
Endrin	72-20-8	20000	--	U	4.3	U	4	U	4.2	U	3.8	U
Endrin Aldehyde	7421-93-4	20000	--	U	4.3	U	13	J	4.2	U	3.8	U
Endrin Ketone	53494-70-5	20000	--	U	4.3	U	4	U			3.8	U
Gamma-BHC (Lindane)	58-89-9	20000	40	U	2.2	U	2	U	2.2	U	2	U
Gamma-Chlordane	5103-74-2	490	66	U	2.2	U	3.5	J	1.8	JP	2	U
Heptachlor	76-44-8	140	13	U	2.2	U	2.5	U	2.2	U	2	U
Heptachlor Epoxide	1024-57-3	67	20	U	2.2	U	2	U	2.2	U	2	U
Methoxychlor	72-43-5	340000	8000	U	22	U	20	U			20	U
Toxaphene	8001-35-2	560	600	U	220	U	200	U	220	U	200	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

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P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		27 Newman Ave.	
			Top Depth	0		0.5		4		0	
			Sample Location	SS-12		SS-12		SB192		SB02	
			Sample ID	APJ53		APJ54		80018-SB192-0410-0311		KSB02-00-05~2102200~~101402	
			Risk Zone					D1*		F*	
			Bottom Depth	0.5		2		9		5	
			Sample Date	4/27/1999		4/27/1999		3/31/2011		10/14/2002	
			Sample Type	N		N		N		FD	
			Field Duplicate Parent							SB02-00-05~2102199~FDOFA0SA0~101402	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	Result	Qualifier	Result	Qualifier	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	1.2	J	0.6	J	4	J	3.7	U
4,4'-DDE	72-55-9	1800	--	13		14		1.4	JP	3.7	U
4,4'-DDT	50-29-3	1800	--	23	J	23		4.9		3.9	
Aldrin	309-00-2	--	--	1.9	U	1.8	U	2.2	U	1.9	U
Alpha-BHC	319-84-6	97	--	0.3	J	1.8	U	2.2	U	1.9	U
Alpha-Chordane	5103-71-9	490	66		R	1.8	U	2.2	U	1.9	U
Beta-BHC	319-85-7	340	--		R		R	2.2	U	1.9	U
Delta-BHC	319-86-8	97	--	1.9	U	1.8	U	2.2	U	1.9	U
Dieldrin	60-57-1	38	7	3.8	U	3.6	U	1.3	JP	3.7	U
Endosulfan I	959-98-8	410000	8400	1.9	U	1.8	U	2.2	U	1.9	U
Endosulfan II	33213-65-9	410000	8400	3.8	U	3.6	U	4.3	U	3.7	U
Endosulfan Sulfate	1031-07-8	410000	8400	4.2	J	3.1	J	4.3	U	3.7	U
Endrin	72-20-8	20000	--		R		R	4.3	U	3.7	U
Endrin Aldehyde	7421-93-4	20000	--		R	3.6	U	4.3	U	3.7	U
Endrin Ketone	53494-70-5	20000	--	2.2	J	3.6	U	4.3	U	3.7	U
Gamma-BHC (Lindane)	58-89-9	20000	40	1.9	U	1.8	U	2.2	U	1.9	U
Gamma-Chlordane	5103-74-2	490	66	1.9	U	1.8	U	1.6	JBP	1.9	U
Heptachlor	76-44-8	140	13	1.9	U	0.43	J	2.2	U	1.9	U
Heptachlor Epoxide	1024-57-3	67	20	1.9	U	0.98	JEB	2.2	U	1.9	U
Methoxychlor	72-43-5	340000	8000		R	18	U	22	U	19	U
Toxaphene	8001-35-2	560	600	190	U	180	U	220	U	190	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	0		0		0		0		0		0		0	
			Sample Location	SB02		SB11		SS01		SS-01		SS-02		SS-03			
			Sample ID	SB02-00-05~2102199~FDOFA0SA0~101402		SB11-00-05~2102224~~101702		SS-01~50959.01~~100802		APJ30		APJ32		APJ34			
			Risk Zone	F*		F*		F*		F*		F*		F*			
			Bottom Depth	5		5		0.25		0.5		0.5		0.5			
			Sample Date	10/14/2002		10/17/2002		10/8/2002		4/27/1999		4/27/1999		4/27/1999			
			Sample Type	N		N		N		N		N		N			
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
4,4'-DDD	72-54-8	2600	--	3.8	U	9.5	P	4	U	1.6	J	1.4	J	2.1	J		
4,4'-DDE	72-55-9	1800	--	7		36		15	J	8.1		6.8		8.3			
4,4'-DDT	50-29-3	1800	--	8.6		65	PD	44		13		13		17			
Aldrin	309-00-2	--	--	2	U	2.1	U	2.1	U	2	U	2	U	2.1	U		
Alpha-BHC	319-84-6	97	--	2	U	2.1	U	2.1	U	2	U	2	U	2.1	U		
Alpha-Chordane	5103-71-9	490	66	2	U	19	P		R	2	U	2	U	2.1	U		
Beta-BHC	319-85-7	340	--	2	U	2.1	U	2.1	U	2	U	2	U	2.1	U		
Delta-BHC	319-86-8	97	--	2	U	2.1	U	2.1	U	2	U	2	U	2.1	U		
Dieldrin	60-57-1	38	7	3.8	U	4.1	U	4	U		R		R	1.2	J		
Endosulfan I	959-98-8	410000	8400	2	U	2.1	U	2.1	U	2	U	2	U	2.1	U		
Endosulfan II	33213-65-9	410000	8400	3.8	U	4.1	U	4	U	3.8	U	3.8	U	4.1	U		
Endosulfan Sulfate	1031-07-8	410000	8400	3.8	U	4.1	U	4	U	1.2	J	3.1	J	1.3	J		
Endrin	72-20-8	20000	--	3.8	U	11	P	4	U	3.8	U	3.8	U	4.1	U		
Endrin Aldehyde	7421-93-4	20000	--	3.8	U	4.1	U	4	U	3.8	U	3.8	U	4.1	U		
Endrin Ketone	53494-70-5	20000	--	3.8	U	4.1	U	4	U	3.8	U	3.8	U	0.79	J		
Gamma-BHC (Lindane)	58-89-9	20000	40	2	U	2.1	U	2.1	U	2	U	2	U	2.1	U		
Gamma-Chlordane	5103-74-2	490	66	2	U	22		3.2	J	2	U	2	U	2.1	U		
Heptachlor	76-44-8	140	13	2	U	2.1	U	2.1	U	2	U	2	U	2.1	U		
Heptachlor Epoxide	1024-57-3	67	20	2	U	2.8	P	2.1	U	2	U	2	U	2.1	U		
Methoxychlor	72-43-5	340000	8000	20	U	21	U	21	U	20	U	20	U	21	U		
Toxaphene	8001-35-2	560	600	200	U	210	U	210	U	200	U	200	U	210	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
			Top Depth	0		0		0.5		0.5		0.5		0.5		5	
			Sample Location	SS-04		SS08		SS-01		SS-02		SS-03		SS-04		SB01	
			Sample ID	APJ36		SS-08~50959.05~~100802		APJ31		APJ33		APJ35		APJ37		SB-1-05-06~021014-07~~100302	
			Risk Zone	F*		F*		F*		F*		F*		F*		F*	
			Bottom Depth	0.5		0.25		2		2		2		2		6	
			Sample Date	4/27/1999		10/8/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999		10/3/2002	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	3.6	U	3.5	U	6.7	J	4.8	U	3.8	U	3.6	U	4.7	U
4,4'-DDE	72-55-9	1800	--	3.6	U	10	J	12	J		R		R	3.6	U	4.7	U
4,4'-DDT	50-29-3	1800	--	0.72	J	33		37	J	12	J	12	J	3.6	U	4.7	U
Aldrin	309-00-2	--	--	1.9	U	1.8	U	2	U	2.5	U	1.9	U	1.8	U	2.4	U
Alpha-BHC	319-84-6	97	--	1.9	U	1.8	U	2	U	2.5	U	1.9	U	1.8	U	2.4	U
Alpha-Chordane	5103-71-9	490	66	1.9	U	1.8	U	10	U	2.5	U	1.9	U	1.8	U		
Beta-BHC	319-85-7	340	--	1.9	U	1.8	U		R	2.5	U	1.9	U	1.8	U	2.4	U
Delta-BHC	319-86-8	97	--	1.9	U	1.8	U	2	U	2.5	U	1.9	U	1.8	U	2.4	U
Dieldrin	60-57-1	38	7	3.6	U	3.5	U	19	U		R		R	3.6	U	4.7	U
Endosulfan I	959-98-8	410000	8400	1.9	U	1.8	U	2	U	2.5	U	1.9	U	1.8	U	2.4	U
Endosulfan II	33213-65-9	410000	8400	3.6	U	3.5	U	3.9	U	4.8	U	3.8	U	3.6	U	4.7	U
Endosulfan Sulfate	1031-07-8	410000	8400	3.6	U	3.5	U		R		R	3.8	U	3.6	U	4.7	U
Endrin	72-20-8	20000	--	3.6	U	3.5	U	3.9	U	4.8	U	3.8	U	3.6	U	4.7	U
Endrin Aldehyde	7421-93-4	20000	--	3.6	U		R	19	U		R		R	3.6	U	4.7	U
Endrin Ketone	53494-70-5	20000	--	3.6	U	3.5	U	3.9	U	9.2	J	3.8	U	3.6	U	5.5	
Gamma-BHC (Lindane)	58-89-9	20000	40	1.9	U	1.8	U	2	U	2.5	U	1.9	U	1.8	U	2.4	U
Gamma-Chlordane	5103-74-2	490	66	1.9	U	1.8	U	2	U	2.5	U	1.9	U	1.8	U		
Heptachlor	76-44-8	140	13	1.9	U	2.1	U	2	U	2.5	U	1.9	U	1.8	U	2.4	U
Heptachlor Epoxide	1024-57-3	67	20	1.9	U	1.8	U	10	U	2.5	U	1.9	U	1.8	U	2.4	U
Methoxychlor	72-43-5	340000	8000	19	U	18	U	20		25	U	17	J	18	U	24	U
Toxaphene	8001-35-2	560	600	190	U	180	U	200	U	250	U	190	U	180	U	240	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.	
			Top Depth	5		5	
			Sample Location	SB02		SB11	
			Sample ID	SB02-05-10~2102201~~101402		SB11-05-10~2102225~~101702	
			Risk Zone	F*		F*	
			Bottom Depth	10		10	
			Sample Date	10/14/2002		10/17/2002	
			Sample Type	N		N	
			Field Duplicate Parent				
			Unit	ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	4.9	U	4.9	U
4,4'-DDE	72-55-9	1800	--	4.9	U	4.9	U
4,4'-DDT	50-29-3	1800	--	4.9	U	15	
Aldrin	309-00-2	--	--	2.5	U	2.5	U
Alpha-BHC	319-84-6	97	--	2.5	U	2.5	U
Alpha-Chordane	5103-71-9	490	66	2.5	U	2.5	U
Beta-BHC	319-85-7	340	--	2.5	U	2.5	U
Delta-BHC	319-86-8	97	--	2.5	U	2.5	U
Dieldrin	60-57-1	38	7	4.9	U	4.9	U
Endosulfan I	959-98-8	410000	8400	2.5	U	2.5	U
Endosulfan II	33213-65-9	410000	8400	4.9	U	4.9	U
Endosulfan Sulfate	1031-07-8	410000	8400	4.9	U	4.9	U
Endrin	72-20-8	20000	--	4.9	U	4.9	U
Endrin Aldehyde	7421-93-4	20000	--	4.9	U	4.9	U
Endrin Ketone	53494-70-5	20000	--	4.9	U	4.9	U
Gamma-BHC (Lindane)	58-89-9	20000	40	2.5	U	2.5	U
Gamma-Chlordane	5103-74-2	490	66	2.5	U	2.5	U
Heptachlor	76-44-8	140	13	2.5	U	2.5	U
Heptachlor Epoxide	1024-57-3	67	20	2.5	U	2.5	U
Methoxychlor	72-43-5	340000	8000	25	U	25	U
Toxaphene	8001-35-2	560	600	250	U	250	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

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D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		299 Meriden Rd.	
			Top Depth	7		9		9		4		10		11		5	
			Sample Location	MW6D		SB140		SB141		SB207		SB01		MW6D		SB123	
			Sample ID	S-052504-JR-170		80018-SB140-0911		80018-SB141-0911		80018-SB207-0410-0311		SB01-10-15~2102198~~101402		S-052504-JR-171		80018-SB123-0507	
			Risk Zone	F*		F*		F*		F*		F*		F*		D3	
			Bottom Depth	10		11		11		9		15		14		7	
			Sample Date	5/25/2004		10/30/2008		10/30/2008		3/30/2011		10/14/2002		5/25/2004		10/22/2008	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	3.8	UJ	5.1		5.5	U	1.2	JP	3.7	U	16	J	3.4	U
4,4'-DDE	72-55-9	1800	--	4	J	2.1	JP	5.5	U	3.8	U	3.7	U	16	J	2.3	J
4,4'-DDT	50-29-3	1800	--		R	4	U	5.5	U	8.9		3.7	U		R	3.8	J
Aldrin	309-00-2	--	--	2.3	UJ	2	U	2.8	U	1.9	U	1.9	U	2.4	UJ	1.7	U
Alpha-BHC	319-84-6	97	--	1.9	UJ	2	U	2.8	U	1.9	U	1.9	U	2	UJ	1.7	U
Alpha-Chordane	5103-71-9	490	66			2	U	2.8	U	0.81	JP	1.9	U			1.7	U
Beta-BHC	319-85-7	340	--	1.9	UJ	2	U	2.8	U	1.9	U	1.9	U	2	UJ	1.7	U
Delta-BHC	319-86-8	97	--		R	2	U	2.8	U	1.9	U	1.9	U		R	1.7	U
Dieldrin	60-57-1	38	7	3.8	UJ	4	U	5.5	U	4.5	P	3.7	U	3.9	UJ	3.4	U
Endosulfan I	959-98-8	410000	8400	1.9	UJ	2	U	2.8	U	1.9	U	1.9	U	2	UJ	1.7	U
Endosulfan II	33213-65-9	410000	8400	3.8	UJ	4	U	5.5	U	0.83	JP	3.7	U	3.9	UJ	3.4	U
Endosulfan Sulfate	1031-07-8	410000	8400	3.8	UJ	4	U	5.5	U	3.8	U	3.7	U	3.9	UJ	3.4	U
Endrin	72-20-8	20000	--	5.7	UJ	4	U	5.5	U	3.8	U	3.7	U	6	UJ	3.4	U
Endrin Aldehyde	7421-93-4	20000	--	3.8	UJ	4	U	5.5	U	2.6	JP			3.9	UJ	3.4	U
Endrin Ketone	53494-70-5	20000	--	3.8	UJ	4	U	5.5	U	1.2	JP	3.7	U	3.9	UJ	3.4	U
Gamma-BHC (Lindane)	58-89-9	20000	40	1.9	UJ	2	U	2.8	U	1.9	U	1.9	U	2	UJ	1.7	U
Gamma-Chlordane	5103-74-2	490	66			2	U	2.8	U	1.3	JBP	1.9	U			1.7	U
Heptachlor	76-44-8	140	13	1.9	UJ	2	U	2.8	U	1.9	U	1.9	U	2	UJ	1.7	U
Heptachlor Epoxide	1024-57-3	67	20	1.9	UJ	2	U	2.8	U	1.9	U	1.9	U	2	UJ	1.7	U
Methoxychlor	72-43-5	340000	8000	19	UJ	20	U	28	U	19	U	19	U	20	UJ	17	U
Toxaphene	8001-35-2	560	600	77	UJ	200	U	280	U	190	U	190	U	80	UJ	170	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

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B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.			
			Top Depth	0		0		0		0.5		5			
			Sample Location	SB04		SS109		SS-13		SS-13		SB04			
			Sample ID	SB04-00-05~2102209~~101602		80018-SS109-0006		APJ55		APJ56		SB04-05-10~2102229~~101602			
			Risk Zone	D1*		D1*		D1*		D1*		D1*			
			Bottom Depth	5		0.5		0.5		2		10			
			Sample Date	10/16/2002		10/16/2008		4/26/1999		4/26/1999		10/16/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
4,4'-DDD	72-54-8	2600	--	3.7	U	3.7	U	3.8	U	0.7	J				
4,4'-DDE	72-55-9	1800	--	3.7	U	3.7	U	1.6	J	2	J	28			
4,4'-DDT	50-29-3	1800	--	3.7	U	4.6		5.8	J	2.9	J	27			
Aldrin	309-00-2	--	--	1.9	U	1.9	U	1.9	U	2.2	U	2	U		
Alpha-BHC	319-84-6	97	--	1.9	U	1.4	J	1.9	U	2.2	U	2	U		
Alpha-Chordane	5103-71-9	490	66	1.9	U	1	J	1.2	JEB	2.2	U	2	U		
Beta-BHC	319-85-7	340	--	1.9	U	1.9	U		R	2.2	U	2	U		
Delta-BHC	319-86-8	97	--	1.9	U	1.9	U	1.9	U	2.2	U	2	U		
Dieldrin	60-57-1	38	7	3.7	U	3.7	U	3.8	U	4.2	U				
Endosulfan I	959-98-8	410000	8400	1.9	U	1.9	U	1.9	U	2.2	U	2	U		
Endosulfan II	33213-65-9	410000	8400	3.7	U	3.7	U	3.8	U	4.2	U	4	U		
Endosulfan Sulfate	1031-07-8	410000	8400	3.7	U	3.7	U		R	4.2	U	4	U		
Endrin	72-20-8	20000	--	3.7	U	3.7	U	3.8	U	4.2	U	4	U		
Endrin Aldehyde	7421-93-4	20000	--	3.7	U	3.7	U	3.8	U	4.2	U	4	U		
Endrin Ketone	53494-70-5	20000	--	3.7	U	3.7	U	2.4	J	4.2	U	4	U		
Gamma-BHC (Lindane)	58-89-9	20000	40	1.9	U	1.9	U	1.9	U	2.2	U	2	U		
Gamma-Chlordane	5103-74-2	490	66	1.9	U	1.9	U	1.9	U	2.2	U				
Heptachlor	76-44-8	140	13	1.9	U	1.9	U	1.9	U	2.2	U	2	U		
Heptachlor Epoxide	1024-57-3	67	20	1.9	U	1.9	U	1.9	U	0.32	JEB				
Methoxychlor	72-43-5	340000	8000	19	U	19	U		R	22	U	20	U		
Toxaphene	8001-35-2	560	600	190	U	190	U	190	U	220	U	200	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	41 Dunbar St.		41 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.	
			Top Depth	9		4		0		0		0.5		0.5		5	
			Sample Location	SB111		SB191		SS-10		SS-11		SS-10		SS-11		SB107	
			Sample ID	80018-SB111-0911		80018-SB191-0410-0311		APJ49		APJ51		APJ50		APJ52		80018-SB107-0507	
			Risk Zone	D1*		D1*		D1*		D1*		D1*		D1*		D1*	
			Bottom Depth	11		9		0.5		0.5		2		2		7	
			Sample Date	10/31/2008		3/31/2011		4/27/1999		4/27/1999		4/27/1999		4/27/1999		10/30/2008	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	5.1	U	17			R	2.4	J	3.5	U	2.6	J	4.5	U
4,4'-DDE	72-55-9	1800	--	5.1	U	4.2	JP		R	5.6		3.5	U	4.3		4.5	U
4,4'-DDT	50-29-3	1800	--	5.1	U	3	JP	3.8	J	11			R	8.5		4.5	U
Aldrin	309-00-2	--	--	2.6	U	2.3	U	1.9	U	1.9	U	1.8	U	1.9	U	2.3	U
Alpha-BHC	319-84-6	97	--	2.6	U	2.3	U	1.9	U	1.9	U	1.8	U		R	2.3	U
Alpha-Chordane	5103-71-9	490	66	2.6	U	0.76	JBP	1.9	U	1.9	U	1.8	U		R	2.3	U
Beta-BHC	319-85-7	340	--	2.6	U	2.6	P	1.9	U		R	1.8	U	1.9	U	2.3	U
Delta-BHC	319-86-8	97	--	2.6	U	2.3	U	1.9	U	1.9	U	1.8	U	1.9	U	2.3	U
Dieldrin	60-57-1	38	7	5.1	U	4.4	U		R	3.7	U	3.5	U	3.7	U	4.5	U
Endosulfan I	959-98-8	410000	8400	2.6	U	0.5	JP	1.9	U	1.9	U	1.8	U	1.9	U	2.3	U
Endosulfan II	33213-65-9	410000	8400	5.1	U	4.4	U	3.6	U	3.7	U	0.58	J	3.7	U	4.5	U
Endosulfan Sulfate	1031-07-8	410000	8400	5.1	U	1.7	JP		R	2	J		R	3.6	J	4.5	U
Endrin	72-20-8	20000	--	5.1	U	4.4	U	3.6	U		R	3.5	U	3.7	U	4.5	U
Endrin Aldehyde	7421-93-4	20000	--	5.1	U	2.9	JP		R	3.7	U	1.1	J	3.7	U	4.5	U
Endrin Ketone	53494-70-5	20000	--	5.1	U	8.1		3.6	U	3.7	U		R	4.3	J	4.5	U
Gamma-BHC (Lindane)	58-89-9	20000	40	2.6	U	2.3	U	1.9	U	1.9	U	1.8	U	1.9	U	2.3	U
Gamma-Chlordane	5103-74-2	490	66	2.6	U	0.88	JBP	1.9	U	1.9	U	1.8	U	1.9	U	2.3	U
Heptachlor	76-44-8	140	13	2.6	U	2.3	U	1.9	U	1.9	U	1.8	U	1.9	U	2.3	U
Heptachlor Epoxide	1024-57-3	67	20	2.6	U	0.75	J	1.9	U	1.9	U	1.8	U	0.34	JEB	2.3	U
Methoxychlor	72-43-5	340000	8000	26	U	23	U	16	J	19	U		R		R	23	U
Toxaphene	8001-35-2	560	600	260	U	230	U	190	U	190	U	180	U	190	U	230	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	5 Dunbar St.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	5		0		0		0		0		0		0	
			Sample Location	SB108		SS-05		SS-06		SS-07		SS-08		SS-09		SS14	
			Sample ID	80018-SB108-0507		APJ38		APJ40		APJ42		APJ44		APJ46		SS-014~50959.06~~100802	
			Risk Zone	D1*		F*		F*		F*		F*		F*		F*	
			Bottom Depth	7		0.5		0.5		0.5		0.5		0.5		0.25	
			Sample Date	10/24/2008		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		10/8/2002	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	3.5	U	0.43	J	3.7	U	3.9	U	4	U	4.1	U		
4,4'-DDE	72-55-9	1800	--	3.5	U	3.8	U	3.7	U	3.9	U	1.2	J	4.1	U		
4,4'-DDT	50-29-3	1800	--	3.5	U	1.1	J	3.8		3.2	J	0.94	J	1	J		
Aldrin	309-00-2	--	--	1.8	U	1.9	U	1.9	U	2	U	2.1	U	2.1	U	10	U
Alpha-BHC	319-84-6	97	--	1.8	U	1.9	U	1.9	U	2	U	2.1	U	2.1	U	10	U
Alpha-Chordane	5103-71-9	490	66	1.8	U	1.9	U	1.9	U	2	U	2.1	U	2.1	U	10	U
Beta-BHC	319-85-7	340	--	1.8	U	1.9	U	1.9	U	2	U	2.1	U	2.1	U	10	U
Delta-BHC	319-86-8	97	--	1.8	U	1.9	U	1.9	U	2	U	2.1	U	2.1	U	10	U
Dieldrin	60-57-1	38	7	3.5	U	3.8	U		R	3.9	U	1.4	J	1.6	JEB		
Endosulfan I	959-98-8	410000	8400	1.8	U	1.9	U	1.9	U	2	U	2.1	U	2.1	U	10	U
Endosulfan II	33213-65-9	410000	8400	3.5	U	3.8	U	3.7	U	3.9	U	4	U	4.1	U	20	U
Endosulfan Sulfate	1031-07-8	410000	8400	3.5	U	3.8	U	3.7	U	3.9	U	1.3	J	4.1	U	20	U
Endrin	72-20-8	20000	--	3.5	U	3.8	U		R	3.9	U	4	U	4.1	U	20	U
Endrin Aldehyde	7421-93-4	20000	--	3.5	U	3.8	U		R	3.9	U	4	U	4.1	U		
Endrin Ketone	53494-70-5	20000	--	3.5	U	0.9	J	3.7	U	3.9	U	4	U	4.1	U	20	U
Gamma-BHC (Lindane)	58-89-9	20000	40	1.8	U	1.9	U	1.9	U	2	U	2.1	U	2.1	U	10	U
Gamma-Chlordane	5103-74-2	490	66	1.8	U	1.9	U	1.9	U	2	U	2.1	U	2.1	U		
Heptachlor	76-44-8	140	13	1.8	U	1.9	U	1.9	U	2	U	2.1	U	2.1	U	10	U
Heptachlor Epoxide	1024-57-3	67	20	1.8	U	0.86	JEB		R		R	2.1	JEB	1.8	JEB		
Methoxychlor	72-43-5	340000	8000	18	U	19	U	36	J	17	J	21	U	2.1	J	100	U
Toxaphene	8001-35-2	560	600	180	U	190	U	190	U	200	U	210	U	210	U	1000	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	0		0		0.5		0.5		0.5		0.5		0.5		0.5		0.5	
			Sample Location	SS14		SS17		SS-05		SS-06		SS-07		SS-08		SS-09		SS-09	
			Sample ID	SS-014~50959.06DL~~100802		SS-017~A0RG2-5~~103102		APJ39		APJ41		APJ43		APJ45		APJ47		APJ48	
			Risk Zone	F*		F*		F*		F*		F*		F*		F*		F*	
			Bottom Depth	0.25		0.25		2		2		2		2		2		2	
			Sample Date	10/8/2002		10/31/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999	
			Sample Type	N		N		N		N		N		N		N		FD	
			Field Duplicate Parent															APJ47	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--	350	D	4.3	U	4.2	U	3.9	U	4	U		R	3.9	U		R		
4,4'-DDE	72-55-9	1800	--	1000	D	4.3	U	21	U	3.9	U	4	U		R	3.9	U	3.5	U		
4,4'-DDT	50-29-3	1800	--	1300	D	4.3	U	8.4	J	6.4	J	3.4	J	3.8	J	2.3	J	2.6	J		
Aldrin	309-00-2	--	--			2.2	U	2.2	U	2	U	2.1	U	2	U	2	U	1.8	U		
Alpha-BHC	319-84-6	97	--			2.2	U	2.2	U	2	U	2.1	U	2	U	2	U	1.8	U		
Alpha-Chordane	5103-71-9	490	66			2.2	U	2.2	U	2	U	2.1	U	2	U	2	U	1.8	U		
Beta-BHC	319-85-7	340	--			2.2	U		R	2	U	2.1	U	2	U	2	U	1.8	U		
Delta-BHC	319-86-8	97	--			2.2	U	2.2	U	2	U	2.1	U	2	U	2	U	1.8	U		
Dieldrin	60-57-1	38	7	**44**	DPJ	4.3	U	4.5	J		R	4	U		R		R		R		
Endosulfan I	959-98-8	410000	8400			2.2	U	11	U		R	2.1	U		R	2	U	1.8	U		
Endosulfan II	33213-65-9	410000	8400			4.3	U	4.2	U	3.9	U	4	U	3.9	U	3.9	U	3.5	U		
Endosulfan Sulfate	1031-07-8	410000	8400			4.3	U	4.2	U	3.9	U	4	U	3.9	U	3.9	U	3.5	U		
Endrin	72-20-8	20000	--			4.3	U	21	U		R	4	U		R	3.9	U	3.5	U		
Endrin Aldehyde	7421-93-4	20000	--	4.7	DPJ	4.3	U	5.2	J	5.1	J	2.1	J	6.7	J	3.9	U		R		
Endrin Ketone	53494-70-5	20000	--			4.3	U	4.2	U	3.9	U	4	U	3.9	U	3.9	U	3.5	U		
Gamma-BHC (Lindane)	58-89-9	20000	40			2.2	U	2.2	U	2	U	2.1	U	2	U	2	U	1.8	U		
Gamma-Chlordane	5103-74-2	490	66	17	DPJ	2.2	U	2.2	U	2	U	2.1	U	2	U	2	U	1.8	U		
Heptachlor	76-44-8	140	13			2.2	U	2.2	U	2	U	2.1	U	2	U	2	U	1.8	U		
Heptachlor Epoxide	1024-57-3	67	20	8.9	DPJ	2.2	U	2.2	U		R	2.1	U	1.6	JEB		R	1.8	U		
Methoxychlor	72-43-5	340000	8000			22	U	33	J	54	J	18	J		R	14	J	17	J		
Toxaphene	8001-35-2	560	600			220	U	220	U	200	U	210	U	200	U	200	U	180	U		

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
			Top Depth	10		10		4		4		15		15		15	
			Sample Location	SB143		SB144		SB195		SB196		SB12		SB12		SB142	
			Sample ID	80018-SB143-1012		80018-SB144-1012		0018-SB195-0410-031		0018-SB196-0410-031		SB12-15-20~2102226~~101702		SB12-15-20~2102226~~101702		80018-SB142-1517	
			Risk Zone	F*		F*		F*		F*		F*		F*		F*	
			Bottom Depth	12		12		9		9		20		20		17	
			Sample Date	10/27/2008		10/27/2008		3/30/2011		3/31/2011		10/17/2002		10/17/2002		10/28/2008	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	2600	--		R		R	4.7	U	4.1	U	4.2	U	4.2	U	5.8	U
4,4'-DDE	72-55-9	1800	--	4.4	U	3.9	U	4.7	U	4.1	U	4.2	U	4.2	U	5.8	U
4,4'-DDT	50-29-3	1800	--		R	3.9	UJ	4.7	U	4.1	U	4.2	U	4.2	U	5.8	U
Aldrin	309-00-2	--	--	2.3	U	2	U	2.4	U	2.1	U	2.2	U	2.2	U	3	U
Alpha-BHC	319-84-6	97	--	2.3	U	2	U	2.4	U	2.1	U	2.2	U	2.2	U	3	U
Alpha-Chordane	5103-71-9	490	66	1.2	J	2	U	1.3	JP	2.1	U	2.2	U	2.2	U	3	U
Beta-BHC	319-85-7	340	--		R		R	2.4	U	2.1	U	2.2	U	2.2	U	3	U
Delta-BHC	319-86-8	97	--	2.3	U	2	U	2.4	U	2.1	U	2.2	U	2.2	U	3	U
Dieldrin	60-57-1	38	7	4.4	U	3.9	U	4.7	U	4.1	U	4.2	U	4.2	U	5.8	U
Endosulfan I	959-98-8	410000	8400	1.8	J	2	JP	2.4	U	2.1	U	2.2	U	2.2	U	3	U
Endosulfan II	33213-65-9	410000	8400	4.4	UJ	3.9	UJ	4.7	U	4.1	U	4.2	U	4.2	U	5.8	U
Endosulfan Sulfate	1031-07-8	410000	8400	13	J	20		4.7	U	4.1	U	4.2	U	4.2	U	4.1	JP
Endrin	72-20-8	20000	--	4.4	U		R	1.9	JP	4.1	U	4.2	U	4.2	U	5.8	U
Endrin Aldehyde	7421-93-4	20000	--	4.4	UJ	11	JP	4.7	U	1.6	JP	4.2	U	4.2	U	5.8	U
Endrin Ketone	53494-70-5	20000	--	21	J	26	J	8.1	P	0.99	J	4.2	U	4.2	U	9.8	
Gamma-BHC (Lindane)	58-89-9	20000	40	2.3	U	2	U	2.4	U	2.1	U	2.2	U	2.2	U	3	U
Gamma-Chlordane	5103-74-2	490	66	2	J	3.6	P	1.3	JBP	2.1	U	2.3		2.3		2.8	JP
Heptachlor	76-44-8	140	13	2.3	U	2	U	2.4	U	2.1	U	2.2	U	2.2	U	3	U
Heptachlor Epoxide	1024-57-3	67	20	2.3	U	1.4	JP	2.4	U	2.1	U	2.2	U	2.2	U	3	U
Methoxychlor	72-43-5	340000	8000	23	U	20	U	24	U	21	U	22	U	22	U	30	U
Toxaphene	8001-35-2	560	600	230	U	200	U	240	U	210	U	220	U	220	U	300	U

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites;
Residential Soil Scenario; May 2010

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Sto	
			Top Depth	0		0		0		0		0		0		0		(	
			Sample Location	SS142		SS143		SS144		SS145		SS25		SS26		SS	
			Sample ID	80018-SS142-0006		80018-SS143-0002		80018-SS144-0002		80018-SS145-0002		SS-025~50959.07~~100802		SS-026~A0RG4-5~~102402		API	
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*		E2	
			Bottom Depth	0.5		2		2		2		0.25		0.25		0.	
			Sample Date	10/16/2008		11/1/2008		10/25/2008		11/1/2008		10/8/2002		10/24/2002		4/26/	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	
4,4'-DDD	72-54-8	24000	--	3.7	U	3.7	U	3.6	U	3.7	U	3.5	U	11		4	
4,4'-DDE	72-55-9	17000	--	23		3.5	J	3.6	U	2.9	J	10	J			13	
4,4'-DDT	50-29-3	17000	--	27		5.2		3.6	U	6.7		30	J			20	
Aldrin	309-00-2	340	--	1.9	U	1.9	U	1.8	U	1.9	U	1.8	U	2	U	2	
Alpha-BHC	319-84-6	910	--	1.9	U	1.9	U	1.8	U	1.9	U	1.8	U	2	U	2	
Alpha-Chordane	5103-71-9	2200	66	1.9	UJ	1.9	U	1.8	U	1.9	U		R				
Beta-BHC	319-85-7	3200	--	1.9	U	1.9	U	1.8	U	1.9	U	1.8	U	2	U	2	
Delta-BHC	319-86-8	910	--	1.9	U	1.9	U	1.8	U	1.9	U	1.8	U	2	U	2	
Dieldrin	60-57-1	360	7	2.6	J	3.7	U	3.6	U	3.7	U	35	U	3.8	U	1.7	
Endosulfan I	959-98-8	1200000	8400	1.9	U	1.9	U	1.8	U	1.9	U	1.8	U	2	U	2	
Endosulfan II	33213-65-9	1200000	8400	3.7	U	3.7	U	3.6	U	3.7	U	3.5	U	3.8	U	4	
Endosulfan Sulfate	1031-07-8	1200000	8400	3.7	U	3.7	U	3.6	U	3.7	U	3.5	U	3.6	JP	4.4	
Endrin	72-20-8	610000	--	3.7	U	3.7	U	3.6	U	3.7	U	3.5	U	3.8	U	3.4	
Endrin Aldehyde	7421-93-4	610000	--	3.7	U	3.7	U	3.6	U	3.7	U	3.5	U			4	
Endrin Ketone	53494-70-5	610000	--	3.7	UJ	3.7	U	3.6	U	3.7	U	3.5	U			4	
Gamma-BHC (Lindane)	58-89-9	610000	40	1.9	U	1.9	U	1.8	U	1.9	U	1.8	U	2	U	2	
Gamma-Chlordane	5103-74-2	2200	66	1.9	U	1.9	U	1.8	U	1.9	U	14				2	
Heptachlor	76-44-8	1300	13	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U	2	U	2	
Heptachlor Epoxide	1024-57-3	630	20	1.9	U	1.9	U	1.8	U	1.9	U	3.5	J	2	U	2	
Methoxychlor	72-43-5	10000000	8000	19	U	19	U	18	U	19	U	18	U	20	U	20	
Toxaphene	8001-35-2	5200	600	190	U	190	U	180	U	190	U	180	U	200	U	200	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	re Ave.	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth		0		0.5		0.5		5		5		9			
			Sample Location	-39	SS-40		SS-39		SS-40		SB155		SB162		SB157			
			Sample ID	K10	APK12		APK11		APK13		80018-SB155-0507		80018-SB162-0507		80018-SB157-0911			
			Risk Zone	2*	E2*		E2*		E2*		E2*		E2*		E2*			
			Bottom Depth	5	0.5		2		2		7		7		11			
			Sample Date	1999	4/26/1999		4/26/1999		4/26/1999		10/25/2008		10/25/2008		11/1/2008			
			Sample Type	N	N		N		N		N		N		N			
			Field Duplicate Parent															
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	24000	--	U	3.8	U	3.8	U	18	U	3.8	U	4.7	U	6.2	U		
4,4'-DDE	72-55-9	17000	--		6.6	J	2.6	J	8.8	J	3.8	U	4.7	U	6.2	U		
4,4'-DDT	50-29-3	17000	--	J	20	J	4.3	J	16	J	3.8	U	4.7	U	6.2	U		
Aldrin	309-00-2	340	--	U	2	U	2	U	9.2	U	2	U	2.4	U	3.2	U		
Alpha-BHC	319-84-6	910	--	U	2	U	2	U	9.2	U	2	U	2.4	U	3.2	U		
Alpha-Chordane	5103-71-9	2200	66	R	4.6	JEB	2	U	1.9	JEB	2	UJ	2.4	U	3.2	U		
Beta-BHC	319-85-7	3200	--	U	2	U	2	U		R	2	U	2.4	U	3.2	U		
Delta-BHC	319-86-8	910	--	U	2	U	2	U	9.2	U	2	U	2.4	U	3.2	U		
Dieldrin	60-57-1	360	7	JEB	3.8	U	3.8	U	1.6	JEB	3.8	U	4.7	U	6.2	U		
Endosulfan I	959-98-8	1200000	8400	U	2	U	2	U	9.2	U	2	U	2.4	U	3.2	U		
Endosulfan II	33213-65-9	1200000	8400	U	3.8	U	3.8	U	18	U	3.8	U	4.7	U	6.2	U		
Endosulfan Sulfate	1031-07-8	1200000	8400	J	3.8	U	1.9	J	8.3	J		R	4.7	U	6.2	U		
Endrin	72-20-8	610000	--	J	3.8	U	3.8	U	18	U	3.8	U	4.7	U	6.2	U		
Endrin Aldehyde	7421-93-4	610000	--	U	3.8	U	3.8	U	18	U	3.8	U	4.7	U	6.2	U		
Endrin Ketone	53494-70-5	610000	--	U	3.8	U	1.6	J	6.5	J	4.9	J	4.7	U	6.2	U		
Gamma-BHC (Lindane)	58-89-9	610000	40	U	2	U	2	U	9.2	U	2	U	2.4	U	3.2	U		
Gamma-Chlordane	5103-74-2	2200	66	U	2	U	2	U	9.2	U	2	U	2.4	U	3.2	U		
Heptachlor	76-44-8	1300	13	U	2	U	2	U	9.2	U	2	U	2.4	U	3.2	U		
Heptachlor Epoxide	1024-57-3	630	20	U	2	U	2	U	9.2	U	2	U	2.4	U	3.2	U		
Methoxychlor	72-43-5	10000000	8000	U		R	20	U	92	U	20	U	24	U	32	U		
Toxaphene	8001-35-2	5200	600	U	200	U	200	U	920	U	200	U	240	U	320	U		

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
			Top Depth	9		9		10		14		14		4	
			Sample Location	SB159		SB160		SB161		SB156		SB156		SB204	
			Sample ID	80018-SB159-0911		80018-SB160-0911		80018-SB161-1012		80018-DUP07-1416		80018-SB156-1416		80018-SB204-0410-0311	
			Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*	
			Bottom Depth	11		11		12		16		16		9	
			Sample Date	11/1/2008		11/1/2008		10/25/2008		10/25/2008		10/25/2008		3/31/2011	
			Sample Type	N		N		N		FD		N		N	
			Field Duplicate Parent							80018-SB156-1416					
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	24000	--	3.8	U	4.2	U	7.5	U	22	J	5.2	U	3.7	U
4,4'-DDE	72-55-9	17000	--	3.8	U	4.2	U	7.5	U	52	UD	5.2	U	1.1	JP
4,4'-DDT	50-29-3	17000	--	3.8	U	4.2	U	14		4.5	J	3.1	J	1.9	JP
Aldrin	309-00-2	340	--	2	U	2.2	U	3.9	U	24	J	22	J	1.9	U
Alpha-BHC	319-84-6	910	--	2	U	2.2	U	3.9	U	2.7	U	2.7	U	1.9	U
Alpha-Chordane	5103-71-9	2200	66	2	U	2.2	U	5.1	J		R	**150**	DP	0.72	JBP
Beta-BHC	319-85-7	3200	--	2	U	2.2	U	3.9	U	2.7	U	2.7	U	1.9	U
Delta-BHC	319-86-8	910	--	2	U	2.2	U	3.9	U	2.7	UJ	2.7	UJ	1.9	U
Dieldrin	60-57-1	360	7	3.8	U	4.2	U	7.5	U	**14**	J	**10**	J	3.7	U
Endosulfan I	959-98-8	1200000	8400	2	U	2.2	U	8.3			R		R	1.9	U
Endosulfan II	33213-65-9	1200000	8400	3.8	U	4.2	U	7.5	UJ		R		R	1.5	JP
Endosulfan Sulfate	1031-07-8	1200000	8400	3.8	U	4.2	U	8.8	J		R		R	1.2	JP
Endrin	72-20-8	610000	--	3.8	U	4.2	U	5.5	J		R	10	J	3.7	U
Endrin Aldehyde	7421-93-4	610000	--	3.8	U	4.2	U	46		13			R	6.1	P
Endrin Ketone	53494-70-5	610000	--	3.8	U	4.2	U	6.3	J		R		R	29	
Gamma-BHC (Lindane)	58-89-9	610000	40	2	U	2.2	U	3.9	U	2.7	U	2.7	U	1.9	U
Gamma-Chlordane	5103-74-2	2200	66	2	U	2.2	U	3.9	U		R		R	0.86	JBP
Heptachlor	76-44-8	1300	13	2	U	2.2	U	3.9	U	5.7	J	4.9	J	1.9	U
Heptachlor Epoxide	1024-57-3	630	20	2	U	2.2	U	3.5	J		R	2.2	J	4.2	P
Methoxychlor	72-43-5	10000000	8000	20	U	22	U	39	UJ	27	UJ	27	UJ	19	U
Toxaphene	8001-35-2	5200	600	200	U	220	U	390	U	270	U	270	U	190	U

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newr
			Top Depth	0		0		0		0		0.5		5.5		11
			Sample Location	SB46		SS-14		SS15		SS15		SS-14		SB46		SE
			Sample ID	S-052104-JR-155		APJ57		SS-015~A0RG2-4~~103102		SS-015DL~A0RG2-4~~103102		APJ58		S-052104-JR-156		S-05210
			Risk Zone	H*		H*		H*		H*		H*		H*		H
			Bottom Depth	2		0.5		0.25		0.25		2		7.5		1
			Sample Date	5/21/2004		4/27/1999		10/31/2002		10/31/2002		4/27/1999		5/21/2004		5/21/
			Sample Type	N		N		N		N		N		N		N
			Field Duplicate Parent													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
4,4'-DDD	72-54-8	24000	--	3.4	UJ	1.7	J	25				9.2	J	3.6	UJ	2.3
4,4'-DDE	72-55-9	17000	--	0.68	J	17				150	DP	18	U	3.6	UJ	4.3
4,4'-DDT	50-29-3	17000	--		R	30				840	D	37		3.6	UJ	
Aldrin	309-00-2	340	--	2.1	UJ	2	U	3.9	U			1.9	U	2.2	UJ	2.6
Alpha-BHC	319-84-6	910	--	1.8	UJ	2	U	3.9	U			1.9	U	1.8	UJ	2.2
Alpha-Chordane	5103-71-9	2200	66			2	U	6.6	P			1.9	U			
Beta-BHC	319-85-7	3200	--	1.8	UJ	2	U	3.9	U			1.9	U	1.8	UJ	2.2
Delta-BHC	319-86-8	910	--	1.8	UJ	2	U	3.9	U			1.9	U		R	
Dieldrin	60-57-1	360	7	3.4	UJ	4.3	EB	7.5	U			3.7	U	3.6	UJ	4.3
Endosulfan I	959-98-8	1200000	8400	1.8	UJ	2	U	3.9	U			18	U	1.8	UJ	2.2
Endosulfan II	33213-65-9	1200000	8400	3.4	UJ	3.9	U	7.5	U			3.7	U	3.6	UJ	4.3
Endosulfan Sulfate	1031-07-8	1200000	8400	3.4	UJ	3.9	U	7.5	U			18	U		R	4.3
Endrin	72-20-8	610000	--	5.2	UJ		R	13	P				R	5.4	UJ	6.5
Endrin Aldehyde	7421-93-4	610000	--	3.4	UJ	3.9	U	9.3	P				R	3.6	UJ	4.3
Endrin Ketone	53494-70-5	610000	--	3.4	UJ	3.9	U	40	P			3.7	U	8.1	J	4.3
Gamma-BHC (Lindane)	58-89-9	610000	40	1.8	UJ	2	U	3.9	U			1.9	U	1.8	UJ	2.2
Gamma-Chlordane	5103-74-2	2200	66			2	U	3.9	U				R			
Heptachlor	76-44-8	1300	13	1.8	UJ	2	U	3.9	U			1.9	U	1.8	UJ	2.2
Heptachlor Epoxide	1024-57-3	630	20	1.8	UJ	0.58	JEB	3.9	U			9.6	U	1.8	UJ	2.2
Methoxychlor	72-43-5	10000000	8000		R		R	90	P				R	18	UJ	22
Toxaphene	8001-35-2	5200	600	69	UJ	200	U	390	U			190	U	72	UJ	87

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	nan Ave.		20 Newman Ave.		20 Newman Ave.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		
			Top Depth	.5		11.5		14		0		0.5		5		
			Sample Location	46		SB46		SB139		SB40		MW5		SB18		
			Sample ID	4-JR-157		S-052104-JR-158		80018-SB139-1416		S-18281-051304-JR-033		S-052404-JR-166		SB18-05-10~2102227~~101702		
			Risk Zone	I*		H*		H*		G*		G*		G*		
			Bottom Depth	5		15		16		2		1.5		10		
			Sample Date	2004		5/21/2004		10/29/2008		5/13/2004		5/24/2004		10/17/2002		
			Sample Type	N		FD		N		N		N		N		
			Field Duplicate Parent			S-052104-JR-157										
			Unit	/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	24000	--	J	8.1	J	8	U	3.9	U	3.8	UJ	3.9	U		
4,4'-DDE	72-55-9	17000	--	UJ	4.5	UJ	8	U	6	J	3.8	UJ	3.9	U		
4,4'-DDT	50-29-3	17000	--	R		R	8	U	3.9	U		R	3.9	U		
Aldrin	309-00-2	340	--	UJ	2.7	UJ	4.1	U	2.4	U	2.3	UJ	2	U		
Alpha-BHC	319-84-6	910	--	UJ	2.3	UJ	4.1	U	2	U	2	UJ	2	U		
Alpha-Chordane	5103-71-9	2200	66				4.1	JP					2	U		
Beta-BHC	319-85-7	3200	--	UJ	2.3	UJ	4.1	U	2	UJ	2	UJ	2	U		
Delta-BHC	319-86-8	910	--	R		R	4.1	U	2	UJ		R	2	U		
Dieldrin	60-57-1	360	7	UJ	4.5	UJ	8	U	3.9	U	3.8	UJ	3.9	U		
Endosulfan I	959-98-8	1200000	8400	UJ	2.3	UJ	4.1	U	2	U	2	UJ	2	U		
Endosulfan II	33213-65-9	1200000	8400	UJ	4.5	UJ	8	U	3.9	UJ	3.8	UJ	3.9	U		
Endosulfan Sulfate	1031-07-8	1200000	8400	UJ	4.5	UJ	8	U	3.9	U	3.8	UJ	3.9	U		
Endrin	72-20-8	610000	--	UJ	6.8	UJ	8	U	5.9	U	5.7	UJ	3.9	U		
Endrin Aldehyde	7421-93-4	610000	--	UJ	4.5	UJ	8	U	3.9	UJ	3.8	UJ	3.9	U		
Endrin Ketone	53494-70-5	610000	--	UJ	4.5	UJ	8	U	3.9	UJ	3.8	UJ	3.9	U		
Gamma-BHC (Lindane)	58-89-9	610000	40	UJ	2.6	J	3.3	JP	2	U	2	UJ	2	U		
Gamma-Chlordane	5103-74-2	2200	66				4.1	U					2	U		
Heptachlor	76-44-8	1300	13	UJ	2.3	UJ	4.1	U	2	U	2	UJ	2	U		
Heptachlor Epoxide	1024-57-3	630	20	UJ	2.3	UJ	4.1	U	2	UJ		R	2	U		
Methoxychlor	72-43-5	10000000	8000	UJ	23	UJ	41	U	38	J	20	UJ	20	U		
Toxaphene	8001-35-2	5200	600	UJ	91	UJ	410	U	79	U	77	UJ	200	U		

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.			
			Top Depth	10		5		5		4		10			
			Sample Location	SB18		SB119		SB120		SB197		SB40			
			Sample ID	SB18-10-20~2102228~~101702		80018-SB119-0507		80018-SB120-0507		80018-SB197-0410-0311		S-18281-051304-JR-035			
			Risk Zone	G*		G*		G*		G*		G*			
			Bottom Depth	20		7		7		9		15			
			Sample Date	10/17/2002		10/23/2008		10/23/2008		3/29/2011		5/13/2004			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
4,4'-DDD	72-54-8	24000	--	4.6	U	2.8	J		R	4.3	U	3.4	U		
4,4'-DDE	72-55-9	17000	--	4.6	U	4	U	3.6	U	4.4	P	3.4	UJ		
4,4'-DDT	50-29-3	17000	--	4.6	U	4	UJ		R	3.1	JP	3.4	U		
Aldrin	309-00-2	340	--	2.4	U	2.1	U	1.8	U	2.2	U	2.1	U		
Alpha-BHC	319-84-6	910	--	2.4	U	2.1	U	1.8	U	2.2	U	1.8	U		
Alpha-Chordane	5103-71-9	2200	66	2.4	U	1.1	J	1.8	U	7.3					
Beta-BHC	319-85-7	3200	--	2.4	U		R	1.8	U	2.8	P	1.8	UJ		
Delta-BHC	319-86-8	910	--	2.4	U	2.1	U	1.8	U	2.2	U	1.8	UJ		
Dieldrin	60-57-1	360	7	4.6	U	4	U	3.6	U	4.3	U	3.4	U		
Endosulfan I	959-98-8	1200000	8400	2.4	U	2.1	J	1.5	J	2.2	U	1.8	U		
Endosulfan II	33213-65-9	1200000	8400	4.6	U	4	UJ	2.9	J	4.3	U	3.4	UJ		
Endosulfan Sulfate	1031-07-8	1200000	8400	4.6	U	4.3	J	9.7	J	4.3	U	3.4	U		
Endrin	72-20-8	610000	--	4.6	U	4	U		R	4.3	U	5.1	U		
Endrin Aldehyde	7421-93-4	610000	--	4.6	U	3.8	J	7	J	2.5	JP	3.4	UJ		
Endrin Ketone	53494-70-5	610000	--	4.6	U	8		30		20	P	3.4	UJ		
Gamma-BHC (Lindane)	58-89-9	610000	40	2.4	U	2.1	U	1.8	U	2.2	U	1.8	U		
Gamma-Chlordane	5103-74-2	2200	66	2.4	U	2.1	U	1.8	U	8.1	BP				
Heptachlor	76-44-8	1300	13	2.4	U	2.1	U	1.8	U	2.2	U	1.8	U		
Heptachlor Epoxide	1024-57-3	630	20	2.4	U	2.1	U	1.8	U	2.2	U	1.8	UJ		
Methoxychlor	72-43-5	10000000	8000	24	U	21	U	11	J	22	U	18	U		
Toxaphene	8001-35-2	5200	600	240	U	210	U	180	U	220	U	69	U		

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	263 Meriden Rd.		263 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.	
			Top Depth	0		9		0		0		5		10	
			Sample Location	SS113		SB121		SB39		SS23		SB39		SB39	
			Sample ID	80018-SS113-0002		80018-SB121-0913		S-071504-DK-200		SS-023~A0RG2-9~~103102		S-071504-DK-201		S-071504-DK-202	
			Risk Zone	D3*		D3*		G*		G*		G*		G*	
			Bottom Depth	2		13		2		0.25		10		15	
			Sample Date	10/22/2008		10/22/2008		7/15/2004		10/31/2002		7/15/2004		7/15/2004	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	24000	--	3.5	U	3.9	U	3.4	U	4.5		3.8	U	3.7	U
4,4'-DDE	72-55-9	17000	--	3.5	U	3.9	U	3.4	U			3.8	U	3.7	U
4,4'-DDT	50-29-3	17000	--	3.5	U	3.9	U	3.4	UJ	43		3.8	UJ	3.7	UJ
Aldrin	309-00-2	340	--	1.8	U	2	U	2.1	U	2	U	2.3	U	2.2	U
Alpha-BHC	319-84-6	910	--	1.8	U	2	U	1.8	U	2	U	1.9	U	1.9	U
Alpha-Chordane	5103-71-9	2200	66	1.8	U	2	U			2	U				
Beta-BHC	319-85-7	3200	--	1.8	U	2	U	1.8	U	2	U	1.9	U	1.9	U
Delta-BHC	319-86-8	910	--	1.8	U	2	U	1.8	U	2	U	1.9	U	1.9	U
Dieldrin	60-57-1	360	7	3.5	U	3.9	U	3.4	U	3.5	JP	3.8	U	3.7	U
Endosulfan I	959-98-8	1200000	8400	1.8	U	2	U	1.8	U	2	U	1.9	U	1.9	U
Endosulfan II	33213-65-9	1200000	8400	3.5	U	3.9	U	3.4	UJ	3.9	U	3.8	UJ	3.7	UJ
Endosulfan Sulfate	1031-07-8	1200000	8400	3.5	U	3.9	U		R	3.9	U		R	3.7	U
Endrin	72-20-8	610000	--	3.5	U	3.9	U	5.2	U	3.9	U	5.7	U	5.6	U
Endrin Aldehyde	7421-93-4	610000	--	3.5	U	3.9	U	3.4	UJ	3.9	U	3.8	UJ	3.7	UJ
Endrin Ketone	53494-70-5	610000	--	3.5	U	2.4	J	3.4	U	3.9	U	3.8	U	3.7	U
Gamma-BHC (Lindane)	58-89-9	610000	40	1.8	U	2	U	1.8	U	2	U	1.9	U	1.9	U
Gamma-Chlordane	5103-74-2	2200	66	1.8	U	2	U			2	U				
Heptachlor	76-44-8	1300	13	1.8	U	2	U	1.8	U	2	U	1.9	U	1.9	U
Heptachlor Epoxide	1024-57-3	630	20	1.8	U	2	U		R	2	U	5.7	J	1.9	UJ
Methoxychlor	72-43-5	10000000	8000	18	U	20	U	18	UJ	20	U	19	UJ	19	UJ
Toxaphene	8001-35-2	5200	600	180	U	200	U	70	U	200	U	77	U	75	U

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	281 Meriden Rd.		281 Meriden Rd.		299 Meriden Rd.		281 Meriden Rd.		265 Meriden Rd.		50 Store Ave.		50 Store	
			Top Depth	0		5		5		4		4		4		4	
			Sample Location	SS114		SB122		SB123		SB199		SB198		SB201		SB20	
			Sample ID	80018-SS114-0002		80018-SB122-0507		80018-SB123-0507		80018-SB199-0410-0311		80018-SB198-0410-0311		80018-SB201-0410-0311		80018-SB202-	
			Risk Zone	D3*		D3*		D3*		D3*		G*		I*		I*	
			Bottom Depth	2		7		7		9		9		9		9	
			Sample Date	10/23/2008		10/22/2008		10/22/2008		3/28/2011		3/28/2011		3/29/2011		3/29/20	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	
4,4'-DDD	72-54-8	24000	--	3.5	U	3.7	U	3.4	U	4.1	U	1.9	JP	4.2	U	4.1	
4,4'-DDE	72-55-9	17000	--	3.5	U	3.7	U	2.3	J	4.1	U	2.8	J	4.2	U	4.3	
4,4'-DDT	50-29-3	17000	--	3.5	U	3.7	U	3.8	J	2.1	JP	3.8	U	4.2	U	2.6	
Aldrin	309-00-2	340	--	1.8	U	1.9	U	1.7	U	2.1	U	2	U	2.2	U	2.3	
Alpha-BHC	319-84-6	910	--	1.8	U	1.9	U	1.7	U	2.1	U	2	U	2.2	U	2.3	
Alpha-Chordane	5103-71-9	2200	66	1.8	U	1.9	U	1.7	U	0.56	JP	1.1	JP	2.2	U	3.1	
Beta-BHC	319-85-7	3200	--	1.8	U	1.9	U	1.7	U	2.1	U	1.2	JP	2.2	U	10	
Delta-BHC	319-86-8	910	--	1.8	U	1.9	U	1.7	U	2.1	U	2	U	2.2	U	2.3	
Dieldrin	60-57-1	360	7	3.5	U	3.7	U	3.4	U	4.1	U	3.8	U	4.2	U	4.5	
Endosulfan I	959-98-8	1200000	8400	1.8	U	1.9	U	1.7	U	2.1	U	1.7	JP	2.2	U	2.4	
Endosulfan II	33213-65-9	1200000	8400	3.5	U	3.7	U	3.4	U	4.1	U	3.8	U	4.2	U	1.6	
Endosulfan Sulfate	1031-07-8	1200000	8400	2.4	J	3.7	U	3.4	U	4.1	U	3.8	U	4.2	U	7.7	
Endrin	72-20-8	610000	--	3.5	U	3.7	U	3.4	U	2.8	JP	3.9	P	6.1	P	4.5	
Endrin Aldehyde	7421-93-4	610000	--	3.5	U	3.7	U	3.4	U	4.2		2.7	JP	4.2	U	16	
Endrin Ketone	53494-70-5	610000	--	4.5	J	3.7	U	3.4	U	9.2		8.3	P	27	P	31	
Gamma-BHC (Lindane)	58-89-9	610000	40	1.8	U	1.9	U	1.7	U	2.1	U	2	U	2.2	U	2.3	
Gamma-Chlordane	5103-74-2	2200	66	1.8	U	1.9	U	1.7	U	2.1	U	2	U	0.55	JBP	7.8	
Heptachlor	76-44-8	1300	13	1.8	U	1.9	U	1.7	U	2.1	U	2	U	2.2	U	2.3	
Heptachlor Epoxide	1024-57-3	630	20	1.8	U	1.9	U	1.7	U	2.1	U	0.79	JP	2.2	U	2.3	
Methoxychlor	72-43-5	10000000	8000	18	U	19	U	17	U	21	U	20	U	22	U	26	
Toxaphene	8001-35-2	5200	600	180	U	190	U	170	U	210	U	200	U	220	U	230	

Notes:
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µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	Ave.	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
			Top Depth		4		4		0		0		0		0	
			Sample Location	2	SB203		SB203		MW4D		SB31		SB34			
			Sample ID	0410-0311	80018-DUP01-0410-0311		80018-SB203-0410-0311		S-052004-JR-146		SB31-00-05~A0RG4-16~~102102		SB34-00-05~A0RG4-18~~102202			
			Risk Zone		I*		I*		I*		I*		I*			
			Bottom Depth		9		9		2		5		5			
			Sample Date	11	3/29/2011		3/29/2011		5/20/2004		10/21/2002		10/22/2002			
			Sample Type		FD		N		N		N		N			
			Field Duplicate Parent		80018-SB203-0410-0311											
			Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
4,4'-DDD	72-54-8	24000	--	JP	4	U	4.2	U	3.3	UJ			3.4	U		
4,4'-DDE	72-55-9	17000	--	JP	4	U	4.2	U	9.1	J			3.4	U		
4,4'-DDT	50-29-3	17000	--	JP	4	U	4.2	U		R			3.4	U		
Aldrin	309-00-2	340	--	U	2.1	U	2.1	U	2	UJ	2	U	1.8	U		
Alpha-BHC	319-84-6	910	--	U	2.1	U	2.1	U	1.7	UJ	2	U	1.8	U		
Alpha-Chordane	5103-71-9	2200	66	P	2.1	U	2.1	U			2	U	1.8	U		
Beta-BHC	319-85-7	3200	--	P	2.1	U	2.1	U	1.7	UJ	2	U	1.8	U		
Delta-BHC	319-86-8	910	--	JP	2.1	U	2.1	U	1.7	UJ	2	U	1.8	U		
Dieldrin	60-57-1	360	7	U	4	U	4.2	U	3.3	UJ	4	U	3.4	U		
Endosulfan I	959-98-8	1200000	8400	P	2.1	U	2.1	U	1.7	UJ	2	U	1.8	U		
Endosulfan II	33213-65-9	1200000	8400	JP	4	U	4.2	U	3.3	UJ	4	U	3.4	U		
Endosulfan Sulfate	1031-07-8	1200000	8400	P	4	U	4.2	U	3.3	UJ	4	U	3.4	U		
Endrin	72-20-8	610000	--	U	4	U	4.2	U	5	UJ			3.4	U		
Endrin Aldehyde	7421-93-4	610000	--	P	4	U	4.2	U		R	10		3.4	U		
Endrin Ketone	53494-70-5	610000	--	P	1.8	JP	1.6	JP	3.3	UJ			3.4	U		
Gamma-BHC (Lindane)	58-89-9	610000	40	U	2.1	U	2.1	U	1.7	UJ	2	U	1.8	U		
Gamma-Chlordane	5103-74-2	2200	66	B	2.1	U	2.1	U			2	U	1.8	U		
Heptachlor	76-44-8	1300	13	U	2.1	U	2.1	U	1.7	UJ	2	U	1.8	U		
Heptachlor Epoxide	1024-57-3	630	20	U	2.1	U	2.1	U		R	2	U	1.8	U		
Methoxychlor	72-43-5	10000000	8000	P	21	U	21	U		R	20	U	18	U		
Toxaphene	8001-35-2	5200	600	U	210	U	210	U	67	UJ	200	U	180	U		

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
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µg/Kg - Micrograms per Kilogram (part per billion)
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U - Substance was analyed for, but not detected, reporting limit presented
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UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
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D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Sto		
			Top Depth	0		0		0		0		3.5		4		
			Sample Location	SB35		SS24		SS29		SS35		MW4D		SE		
			Sample ID	A0SE5-7~~~102202		SS-024~A0RG2-10~~103102		SS-029~A0KK9-5~~110102		SS-035~A0KK9-13~~110102		S-052004-JR-147		SB-25-04-06~021		
			Risk Zone	I*		I*		I*		I*		I*		I		
			Bottom Depth	5		0.25		0.25		0.25		8.5		6		
			Sample Date	10/22/2002		10/31/2002		11/1/2002		11/1/2002		5/20/2004		10/3/		
			Sample Type	N		N		N		N		N		N		
			Field Duplicate Parent													
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug		
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**		
4,4'-DDD	72-54-8	24000	--	4.1	U	3.8	U	3.8	U	4.6	U	3.5	U	4.6		
4,4'-DDE	72-55-9	17000	--	4.1	U	3.8	U					3.5	U	4.6		
4,4'-DDT	50-29-3	17000	--	4.1	U	3.8	U	61					R	4.6		
Aldrin	309-00-2	340	--	2.1	U	1.9	U	1.9	U	2.4	U	3.9	J	2.3		
Alpha-BHC	319-84-6	910	--	2.1	U	1.9	U	1.9	U	2.4	U	1.8	U	4.3		
Alpha-Chordane	5103-71-9	2200	66	2.1	U	1.9	U			2.4	U			2.3		
Beta-BHC	319-85-7	3200	--	2.1	U	1.9	U			2.4	U	1.8	U	2.3		
Delta-BHC	319-86-8	910	--	2.1	U	1.9	U	1.9	U	2.4	U	1.8	U	2.3		
Dieldrin	60-57-1	360	7	4.1	U	3.8	U	3.8	U	4.6	U	3.5	U	4.6		
Endosulfan I	959-98-8	1200000	8400	2.1	U	1.9	U	1.9	U	2.4	U	1.8	U	2.3		
Endosulfan II	33213-65-9	1200000	8400	4.1	U	3.8	U			4.6	U	4.8	J	4.6		
Endosulfan Sulfate	1031-07-8	1200000	8400	4.1	U	3.8	U	5.2					R	4.6		
Endrin	72-20-8	610000	--	4.1	U	3.8	U			4.6	U	5.4	U	4.6		
Endrin Aldehyde	7421-93-4	610000	--	4.1	U	3.8	U			4.6	U	3.5	U	4.6		
Endrin Ketone	53494-70-5	610000	--	4.1	U	3.7	JP			4.6	U	3.5	UJ	4.6		
Gamma-BHC (Lindane)	58-89-9	610000	40	2.1	U	1.9	U	1.9	U	2.4	U	1.8	U	2.3		
Gamma-Chlordane	5103-74-2	2200	66	7		1.9	U							2.3		
Heptachlor	76-44-8	1300	13	2.1	U	1.9	U	1.9	U	2.4	U	1.8	U	2.3		
Heptachlor Epoxide	1024-57-3	630	20	2.1	U	1.9	U	1.9	U	2.4	U	4.2	J	2.3		
Methoxychlor	72-43-5	10000000	8000	21	U	19	U	19	U	24	U	18	U	23		
Toxaphene	8001-35-2	5200	600	210	U	190	U	190	U	240	U	72	U	230		

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	e Ave.	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
			Top Depth	4	5		5		5		5		7			
			Sample Location	25	SB26		SB27		SB34		SB35		SB145			
			Sample ID	014-06~~100302	SB26-05-10~A0RG4-11~~102102		A0SE5-8~~~102202		SB34-05-08~A0RG4-19~~102202		A0SE5-6~~~102202		80018-SB145-0709			
			Risk Zone	*	I*		I*		I*		I*		I*			
			Bottom Depth	5	10		10		8		10		9			
			Sample Date	2002	10/21/2002		10/22/2002		10/22/2002		10/22/2002		10/21/2008			
			Sample Type	N	N		N		N		N		N			
			Field Duplicate Parent													
			Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
4,4'-DDD	72-54-8	24000	--	U	4.1	U	27	U	3.3	U	4.5	U	3.7	U		
4,4'-DDE	72-55-9	17000	--	U	4.1	U			3.3	U	4.5	U	3.7	U		
4,4'-DDT	50-29-3	17000	--	U	4.1	U			3.3	U	4.5	U	3.7	U		
Aldrin	309-00-2	340	--	U	2.1	U	14	U	1.7	U	2.3	U	1.9	U		
Alpha-BHC	319-84-6	910	--		2.1	U	14	U	1.7	U	2.3	U	1.9	U		
Alpha-Chordane	5103-71-9	2200	66	U	2.1	U			1.7	U	2.3	U	0.94	J		
Beta-BHC	319-85-7	3200	--	U	2.1	U	14	U	1.7	U	2.3	U	1.9	U		
Delta-BHC	319-86-8	910	--	U	2.1	U	14	U	1.7	U	2.3	U	1.9	U		
Dieldrin	60-57-1	360	7	U	4.1	U	27	U	3.3	U	4.5	U	3.7	U		
Endosulfan I	959-98-8	1200000	8400	U	2.1	U	14	U	1.7	U	2.3	U	1.9	U		
Endosulfan II	33213-65-9	1200000	8400	U	4.1	U	27	U	3.3	U	4.5	U	3.7	U		
Endosulfan Sulfate	1031-07-8	1200000	8400	U	4.1	U	490	U	3.3	U	4.5	U	3.2	J		
Endrin	72-20-8	610000	--	U	4.1	U	27	U	3.3	U	4.5	U	3.7	U		
Endrin Aldehyde	7421-93-4	610000	--	U	4.1	U			3.3	U	4.5	U	3.7	U		
Endrin Ketone	53494-70-5	610000	--	U	4.3				3.3	U	4.5	U		R		
Gamma-BHC (Lindane)	58-89-9	610000	40	U	2.1	U	7.6	JP	1.7	U	2.3	U	1.9	U		
Gamma-Chlordane	5103-74-2	2200	66	U	2.1	U	14	U	1.7	U	2.3	U	1.9	UJ		
Heptachlor	76-44-8	1300	13	U	2.1	U	14	U	1.7	U	2.3	U	1.9	U		
Heptachlor Epoxide	1024-57-3	630	20	U	2.1	U	14	U	1.7	U	2.3	U	1.9	U		
Methoxychlor	72-43-5	10000000	8000	U	21	U			17	U	23	U	19	U		
Toxaphene	8001-35-2	5200	600	U	210	U	1400	U	170	U	230	U	190	U		

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
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J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
			Top Depth	10		10		10		10	
			Sample Location	SB25		SB25		SB26		SB27	
			Sample ID	KSB25-10-15~A0RG4-8~FDOFA0SC9~102102		SB25-10-15~A0RG4-7~FDOFA0SD0~102102		SB26-10-15~A0RG4-15~~102102		A0SE5-9~~~102202	
			Risk Zone	I*		I*		I*		I*	
			Bottom Depth	15		15		15		15	
			Sample Date	10/21/2002		10/21/2002		10/21/2002		10/22/2002	
			Sample Type	FD		N		N		N	
			Field Duplicate Parent	SB25-10-15~A0RG4-7~FDOFA0SD0~102102							
			Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	24000	--	4.5	U	4.7	U	4.5	U	6.2	U
4,4'-DDE	72-55-9	17000	--	4.5	U	4.7	U	4.5	U	6.2	U
4,4'-DDT	50-29-3	17000	--	4.5	U	4.7	U	4.5	U	6.2	U
Aldrin	309-00-2	340	--	2.3	U	2.4	U	2.3	U	3.2	U
Alpha-BHC	319-84-6	910	--	2.3	U	2.4	U	2.3	U	3.2	U
Alpha-Chordane	5103-71-9	2200	66	2.3	U	2.4	U	2.3	U	3.2	U
Beta-BHC	319-85-7	3200	--	2.3	U	2.4	U			3.2	U
Delta-BHC	319-86-8	910	--	2.3	U	2.4	U	2.3	U	3.2	U
Dieldrin	60-57-1	360	7	4.5	U	4.7	U	4.5	U	6.2	U
Endosulfan I	959-98-8	1200000	8400	2.3	U	2.4	U	2.3	U	3.2	U
Endosulfan II	33213-65-9	1200000	8400	4.5	U	4.7	U	4.5	U	6.2	U
Endosulfan Sulfate	1031-07-8	1200000	8400	4.5	U	4.7	U	4.5	U		
Endrin	72-20-8	610000	--	4.5	U	4.7	U	4.5	U	6.2	U
Endrin Aldehyde	7421-93-4	610000	--	4.5	U	4.7	U			6.2	U
Endrin Ketone	53494-70-5	610000	--			6.9		14		6.2	U
Gamma-BHC (Lindane)	58-89-9	610000	40	2.3	U	2.4	U	2.3	U	3.2	U
Gamma-Chlordane	5103-74-2	2200	66	2.3	U	2.4	U	2.3	U	3.2	U
Heptachlor	76-44-8	1300	13	2.3	U	2.4	U	2.3	U	3.2	U
Heptachlor Epoxide	1024-57-3	630	20	2.3	U	2.4	U	2.3	U	3.2	U
Methoxychlor	72-43-5	10000000	8000	23	U	24	U	23	U	32	U
Toxaphene	8001-35-2	5200	600	230	U	240	U	230	U	320	U

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		55 Store Ave.	
			Top Depth	10		10.5		14		15		22.5		0	
			Sample Location	SB31		MW4D		SB146		SB31		MW4D		SB45	
			Sample ID	SB31-10-15~A0RG4-9~~102102		S-052004-JR-148		80018-SB146-1416		SB31-15-20~A0RG4-17~~102102		S-052004-JR-149		S-051404-JR-014	
			Risk Zone	I*		I*		I*		I*		Deep-Ovb-Commercial		H*	
			Bottom Depth	15		15		16		20		26		4	
			Sample Date	10/21/2002		5/20/2004		10/24/2008		10/21/2002		5/20/2004		5/14/2004	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	24000	--	3.7	JP		R	3.5	U	4.9	U	5.3	UJ	3.4	UJ
4,4'-DDE	72-55-9	17000	--	4.6	U	16	J	3.5	U	4.9	U	5.3	UJ	54	J
4,4'-DDT	50-29-3	17000	--	4.6	U		R	3.5	U	4.9	U		R	35	J
Aldrin	309-00-2	340	--	2.4	U	2.4	UJ	1.8	U	2.5	U	3.2	UJ	2	UJ
Alpha-BHC	319-84-6	910	--	2.4	U	2	UJ	1.8	U	2.5	U	2.7	UJ	1	J
Alpha-Chordane	5103-71-9	2200	66	2.4	U			1.8	U	2.5	U				
Beta-BHC	319-85-7	3200	--	2.4	U	1.3	J	1.8	UJ	2.5	U	2.7	UJ	1.7	UJ
Delta-BHC	319-86-8	910	--	2.4	U	2	UJ	1.8	U	2.5	U	2.7	UJ		R
Dieldrin	60-57-1	360	7	4.6	U	3.9	UJ	3.5	U	4.9	U	5.3	UJ	3.4	UJ
Endosulfan I	959-98-8	1200000	8400	2.1	J	2	UJ	1.8	U	2.5	U	2.7	UJ	1.7	UJ
Endosulfan II	33213-65-9	1200000	8400	4.6	U	3.9	UJ	3.5	U	4.9	U	5.3	UJ	3.4	UJ
Endosulfan Sulfate	1031-07-8	1200000	8400	4.6	U	3.9	UJ	3.5	U	4.9	U	5.3	UJ	3.4	UJ
Endrin	72-20-8	610000	--	4.6	U	6	UJ	3.5	U	4.9	U	8	UJ		R
Endrin Aldehyde	7421-93-4	610000	--	3.1	JP		R	3.5	U	4.9	U	5.3	UJ	3.4	UJ
Endrin Ketone	53494-70-5	610000	--	10		3.9	UJ	3.5	U	4.9	U	5.3	UJ		R
Gamma-BHC (Lindane)	58-89-9	610000	40	2.4	U		R	1.8	U	2.5	U	2.7	UJ	1.7	UJ
Gamma-Chlordane	5103-74-2	2200	66	2.4	U			1.8	U	2.5	U				
Heptachlor	76-44-8	1300	13	2.4	U		R	1.8	U	2.5	U	2.7	UJ	1.7	UJ
Heptachlor Epoxide	1024-57-3	630	20	2.4	U		R	1.8	U	2.5	U	0.61	J		R
Methoxychlor	72-43-5	10000000	8000	24	U		R	18	U	25	U		R	190	J
Toxaphene	8001-35-2	5200	600	240	U	80	UJ	180	U	250	U	110	UJ	68	UJ

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
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U - Substance was analyed for, but not detected, reporting limit presented
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R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	55 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.		77 Store Ave.		77 Store Ave.		77 Sto				
			Top Depth	0		4		4		11		0		9		1				
			Sample Location	SS18		SB194		SB45		SB45		SS16		SB147		SB				
			Sample ID	SS-018~A0RG2-6~~103102		80018-SB194-0410-0311		S-051404-JR-012		S-051404-JR-016		SS-016~A0KK9-2~~110102		80018-SB147-0911		80018-SE				
			Risk Zone	H*		H*		H*		H*		H*		H*		H				
			Bottom Depth	0.25		9		5.5		15		0.25		11		1				
			Sample Date	10/31/2002		3/29/2011		5/14/2004		5/14/2004		11/1/2002		10/29/2008		10/29				
			Sample Type	N		N		N		N		N		N		N				
			Field Duplicate Parent																	
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug				
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**		
4,4'-DDD	72-54-8	24000	--	3.5	U	5	U	5.2	UJ	5.3	UJ	3.5	U	12		5.5				
4,4'-DDE	72-55-9	17000	--	3.5	U	2.6	JP	31	J	1.4	J	3.5	U	8.1	U	5.5				
4,4'-DDT	50-29-3	17000	--	3.5	U	2.6	JP		R		R	3.5	U	8.1	U	5.5				
Aldrin	309-00-2	340	--	1.8	U	2.6	U	3.2	UJ	3.2	UJ	1.8	U	4.1	U	2.8				
Alpha-BHC	319-84-6	910	--	1.8	U	2.6	U	2.7	UJ	2.8	UJ	1.8	U	4.1	U	2.8				
Alpha-Chordane	5103-71-9	2200	66	1.8	U	6.8						1.8	U	4.1	U	7.4				
Beta-BHC	319-85-7	3200	--	1.8	U	2.6	U	2.7	UJ	2.8	UJ	1.8	U	4.1	U	2.8				
Delta-BHC	319-86-8	910	--	1.8	U	2.6	U		R	2.8	UJ	1.8	U	4.1	U	2.8				
Dieldrin	60-57-1	360	7	3.5	U	5	U	5.2	UJ	5.3	UJ	3.5	U	8.1	U	5.5				
Endosulfan I	959-98-8	1200000	8400	1.8	U	2.6	U	2.7	UJ	2.8	UJ	1.8	U	2.4	JP	2.8				
Endosulfan II	33213-65-9	1200000	8400	3.5	U	2.2	JP	5.2	UJ	5.3	UJ	3.5	U	8.1	U	5.5				
Endosulfan Sulfate	1031-07-8	1200000	8400	3.5	U	2.5	JP	5.2	UJ	5.3	UJ	1.9	JP	8.1	U	5.5				
Endrin	72-20-8	610000	--	3.5	U	5	U		R	8.1	UJ	3.5	U	11		5.5				
Endrin Aldehyde	7421-93-4	610000	--	3.5	U	10	P	5.2	UJ	5.3	UJ	3.5	U	10		5.5				
Endrin Ketone	53494-70-5	610000	--	3.5	U	23	P		R	2.3	J	2.9	JP	5.8	JP	5.5				
Gamma-BHC (Lindane)	58-89-9	610000	40	1.8	U	2.6	U	2.7	UJ	2.8	UJ	1.8	U	4.1	U	7.1				
Gamma-Chlordane	5103-74-2	2200	66	1.8	U	7.3	BP					1.8	U	4.1	U	2.8				
Heptachlor	76-44-8	1300	13	1.8	U	2.6	U	4.2	J	2.8	UJ	1.8	U	4.1	U	2.8				
Heptachlor Epoxide	1024-57-3	630	20	1.8	U	1.1	JP		R	2.8	UJ	1.8	U	4.1	U	2.8				
Methoxychlor	72-43-5	10000000	8000	18	U	26	U		R		R	18	U	41	U	28				
Toxaphene	8001-35-2	5200	600	180	U	260	U	110	UJ	110	UJ	180	U	410	U	280				

Notes:
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P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	e Ave.	87 Store Ave.	
			Top Depth	5	0	
			Sample Location	148	SB47	
			Sample ID	148-1517	S-051904-JR-127	
			Risk Zone	*	H*	
			Bottom Depth	7	1.6	
			Sample Date	/2008	5/19/2004	
			Sample Type	N	N	
			Field Duplicate Parent			
			Unit	/kg	ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	24000	--	U	3.5	U
4,4'-DDE	72-55-9	17000	--	U	3.5	U
4,4'-DDT	50-29-3	17000	--	U		R
Aldrin	309-00-2	340	--	U	2.1	U
Alpha-BHC	319-84-6	910	--	U	1.8	U
Alpha-Chordane	5103-71-9	2200	66	P		
Beta-BHC	319-85-7	3200	--	U	1.8	U
Delta-BHC	319-86-8	910	--	U	1.8	U
Dieldrin	60-57-1	360	7	U	3.5	U
Endosulfan I	959-98-8	1200000	8400	U	1.8	U
Endosulfan II	33213-65-9	1200000	8400	U	3.5	U
Endosulfan Sulfate	1031-07-8	1200000	8400	U	3.5	U
Endrin	72-20-8	610000	--	U	5.4	U
Endrin Aldehyde	7421-93-4	610000	--	U	3.5	U
Endrin Ketone	53494-70-5	610000	--	U	3.5	U
Gamma-BHC (Lindane)	58-89-9	610000	40	P	1.8	U
Gamma-Chlordane	5103-74-2	2200	66	U		
Heptachlor	76-44-8	1300	13	U	1.8	U
Heptachlor Epoxide	1024-57-3	630	20	U	1.8	U
Methoxychlor	72-43-5	10000000	8000	U	8.2	J
Toxaphene	8001-35-2	5200	600	U	72	U

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.			
			Top Depth	0		0		4		3		5			
			Sample Location	SS10		SS19		SB193		SB47		SB20			
			Sample ID	SS-010~A0RG2-2~~103102		SS-019~A0RG2-7~~103102		80018-SB193-0410-0311		S-051904-JR-128		SB20-05-10~A0RG4-10~~102102			
			Risk Zone	H*		H*		H*		H*		H*			
			Bottom Depth	0.25		0.25		9		6		10			
			Sample Date	10/31/2002		10/31/2002		3/30/2011		5/19/2004		10/21/2002			
			Sample Type	N		N		N		N		N			
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
4,4'-DDD	72-54-8	24000	--	4.2	U	3.5	U	5.1	P	4.8	U	5.2	U		
4,4'-DDE	72-55-9	17000	--	4.2	U	3.5	U	5.3	P	26	J	5.2	U		
4,4'-DDT	50-29-3	17000	--	4.2	U	3.5	U	7.2	P	8.6	J	5.2	U		
Aldrin	309-00-2	340	--	2.2	U	1.8	U	2	U	2.9	U	2.7	U		
Alpha-BHC	319-84-6	910	--	2.2	U	1.8	U	2	U	2.5	U	2.7	U		
Alpha-Chordane	5103-71-9	2200	66	2.2	U	1.8	U	2	U			2.7	U		
Beta-BHC	319-85-7	3200	--	2.2	U	1.8	U	0.83	JP	1	J	2.7	U		
Delta-BHC	319-86-8	910	--	2.2	U	1.8	U	2	U	2.5	U	2.7	U		
Dieldrin	60-57-1	360	7	4.2	U	3.5	U	4	U	4.8	U	5.2	U		
Endosulfan I	959-98-8	1200000	8400	2.2	U	1.8	U	2	U	2.5	U	2.7	U		
Endosulfan II	33213-65-9	1200000	8400	4.2	U	3.5	U	4	U	4.8	U	5.2	U		
Endosulfan Sulfate	1031-07-8	1200000	8400	3.3	J	3.5	U	3.2	JP	4.8	U	5.2	U		
Endrin	72-20-8	610000	--	4.2	U	3.5	U	4	U	7.3	U	5.2	U		
Endrin Aldehyde	7421-93-4	610000	--	4.2	U	3.5	U	5.7	P	4.8	U	5.2	U		
Endrin Ketone	53494-70-5	610000	--	4.2	U	3.5	U	6.4	P	4.8	U	5.2	U		
Gamma-BHC (Lindane)	58-89-9	610000	40	2.2	U	1.8	U	2	U	2.5	U	2.7	U		
Gamma-Chlordane	5103-74-2	2200	66	2.1	JP	1.8	U	3.1	B			2.7	U		
Heptachlor	76-44-8	1300	13	2.2	U	1.8	U	0.89	JP	2.5	U	2.7	U		
Heptachlor Epoxide	1024-57-3	630	20	2.2	U	1.8	U	0.69	J	2.5	U	2.7	U		
Methoxychlor	72-43-5	10000000	8000	22	U	18	U	20	U		R	27	U		
Toxaphene	8001-35-2	5200	600	220	U	180	U	200	U	98	U	270	U		

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		Meriden Rd.	
			Top Depth	10		10		15		16		20		0	
			Sample Location	SB20		SB47		SB149		SB47		SB47		SS118	
			Sample ID	SB20-10-15~A0RG4-14~~102102		S-051904-JR-129		80018-SB149-1517		S-051904-JR-132		S-051904-JR-133		80018-SS118-0002	
			Risk Zone	H*		H*		H*		H*		H*		D3*	
			Bottom Depth	15		14		17		18		24		2	
			Sample Date	10/21/2002		5/19/2004		10/27/2008		5/19/2004		5/19/2004		10/22/2008	
			Sample Type	N		N		N		N		N		N	
			Field Duplicate Parent												
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	24000	--	5.5	U	6.7	U	5.5	U	6.5	J	4.2	U	3.6	U
4,4'-DDE	72-55-9	17000	--	5.5	U	1.4	J	5.5	U	14	J	0.95	J	4.7	
4,4'-DDT	50-29-3	17000	--	5.5	U	1.4	J	5.5	U	6.6	U		R	19	
Aldrin	309-00-2	340	--	2.8	U	4.1	U	2.8	U	4	U	2.5	U	1.8	U
Alpha-BHC	319-84-6	910	--	2.8	U	3.5	U	2.8	U	3.4	U	2.1	U	1.8	U
Alpha-Chordane	5103-71-9	2200	66	2.8	U				R					1.8	U
Beta-BHC	319-85-7	3200	--	2.8	U	3.5	U	2.8	U	3.4	U	2.1	U	1.8	U
Delta-BHC	319-86-8	910	--	2.8	U	3.5	U	2.8	U	3.4	U	2.1	U	1.8	U
Dieldrin	60-57-1	360	7	5.5	U	6.7	U	5.5	U	6.6	U	4.2	U	3.6	U
Endosulfan I	959-98-8	1200000	8400	2.8	U	6.7	U	2.8	UJ	3.4	U	2.1	U	1.8	U
Endosulfan II	33213-65-9	1200000	8400	5.5	U	6.7	U	5.5	U	6.6	U	4.2	U	3.6	U
Endosulfan Sulfate	1031-07-8	1200000	8400	5.5	U	6.7	U	5.5	U	6.6	U	4.2	U	4.6	P
Endrin	72-20-8	610000	--	5.5	U	10	U	5.5	U	10	U	6.3	U	3.6	UJ
Endrin Aldehyde	7421-93-4	610000	--	5.5	U	6.7	U	7.8		6.6	U	4.2	U	2.2	J
Endrin Ketone	53494-70-5	610000	--	5.5	U	6.7	U		R	6.6	U	4.2	U		R
Gamma-BHC (Lindane)	58-89-9	610000	40	2.8	U	3.5	U	2.8	U	3.4	U	2.1	U	1.8	U
Gamma-Chlordane	5103-74-2	2200	66	2.8	U			2.8	U					1.8	U
Heptachlor	76-44-8	1300	13	2.8	U	3.5	U	2.8	U	3.4	U	2.1	U	1.8	U
Heptachlor Epoxide	1024-57-3	630	20	2.8	U	3.5	U	2.8	U	3.4	U	2.1	U	1.8	U
Methoxychlor	72-43-5	10000000	8000	28	U	35	U	28	U	34	U	21	U	18	U
Toxaphene	8001-35-2	5200	600	280	U	140	U	280	U	130	U	85	U	180	U

Notes:
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J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	Meriden Rd.		Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.	
			Top Depth	5		5		0		0		4		0.5	
			Sample Location	SB127		SB128		SS38		SS38		SB200		SB38	
			Sample ID	80018-SB127-0509		80018-SB128-0507		S-052004-DK-145		S-052004-DK-150		80018-SB200-0410-0311		S-051204-JR-025	
			Risk Zone	D3*		D3*		D3*		D3*		D3*		D3*	
			Bottom Depth	9		7		0.5		0.5		9		4	
			Sample Date	10/22/2008		10/22/2008		5/20/2004		5/20/2004		3/28/2011		5/12/2004	
			Sample Type	N		N		N		FD		N		N	
			Field Duplicate Parent							S-052004-DK-145					
			Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	24000	--	3.5	U	8.6	J	21	U	22	U	5.2	P		R
4,4'-DDE	72-55-9	17000	--	3.5	U	11		71	J	120	J	7.3	P	3.5	UJ
4,4'-DDT	50-29-3	17000	--	3.5	U	36		150	J			28		31	J
Aldrin	309-00-2	340	--	1.8	U	1.8	U	13	U	13	U	1.9	U	2.1	UJ
Alpha-BHC	319-84-6	910	--	1.8	U	1.8	U	11	U	11	U	1.9	U	1.8	UJ
Alpha-Chordane	5103-71-9	2200	66	1.8	U	1.8	U					1.9	U		
Beta-BHC	319-85-7	3200	--	1.8	U	1.8	U	11	U	11	U	1.8	JP	1.8	UJ
Delta-BHC	319-86-8	910	--	1.8	U	1.8	U	11	U	11	U	1.5	JP	1.8	UJ
Dieldrin	60-57-1	360	7	3.5	U	2	J	21	U			1.1	JP	3.5	UJ
Endosulfan I	959-98-8	1200000	8400	1.8	U	1.8	U	11	U	11	U	1.9	U	1.8	UJ
Endosulfan II	33213-65-9	1200000	8400	3.5	U	3.5	U	21	U	22	U	3.7	U	3.5	UJ
Endosulfan Sulfate	1031-07-8	1200000	8400	3.5	U	6.5		21	U	22	U	3.5	JP	3.5	UJ
Endrin	72-20-8	610000	--	3.5	U		R	31	U	33	U	3.7	U	5.3	UJ
Endrin Aldehyde	7421-93-4	610000	--	3.5	U	5		21	U	22	U	7.8		3.5	UJ
Endrin Ketone	53494-70-5	610000	--	3.5	U	15	J	21	UJ	22	UJ	6.5	P	3.5	UJ
Gamma-BHC (Lindane)	58-89-9	610000	40	1.8	U	1.8	U	11	U	11	U	1.9	U	1.8	UJ
Gamma-Chlordane	5103-74-2	2200	66	1.8	U	1.3	J					1.9	U		
Heptachlor	76-44-8	1300	13	1.8	U	1.8	U	11	U	11	U	1.9	U	1.8	UJ
Heptachlor Epoxide	1024-57-3	630	20	1.8	U	1.8	U	11	U			1.9	U		R
Methoxychlor	72-43-5	10000000	8000	18	U	18	U	110	U	110	U	19	U		R
Toxaphene	8001-35-2	5200	600	180	U	180	U	420	U	440	U	190	U	71	UJ

Notes:
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µg/Kg - Micrograms per Kilogram (part per billion)
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U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
Pesticides in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		
			Top Depth	6		10		15		
			Sample Location	SB38		SB38		SB38		
			Sample ID	S-051204-JR-027		S-051204-JR-029		S-051204-JR-031		
			Risk Zone	D3*		D3*		D3*		
			Bottom Depth	10		15		16		
			Sample Date	5/12/2004		5/12/2004		5/12/2004		
			Sample Type	N		N		N		
			Field Duplicate Parent							
			Unit	ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Commercial DEC**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
4,4'-DDD	72-54-8	24000	--	3.6	J	5.4	J	4	U	
4,4'-DDE	72-55-9	17000	--	4	U	3.9	U	23	J	
4,4'-DDT	50-29-3	17000	--	3.2	J	5.3	J	7.6	J	
Aldrin	309-00-2	340	--	2.4	U	2.4	U	2.4	U	
Alpha-BHC	319-84-6	910	--	2.1	U	2	U	2.1	U	
Alpha-Chordane	5103-71-9	2200	66							
Beta-BHC	319-85-7	3200	--	2.1	U	2	U	2.1	UJ	
Delta-BHC	319-86-8	910	--	2.1	U	2	U	2.1	UJ	
Dieldrin	60-57-1	360	7	4	U	3.9	U	4	U	
Endosulfan I	959-98-8	1200000	8400	2.1	U	2	U	2.1	U	
Endosulfan II	33213-65-9	1200000	8400	4	U	3.9	U	4	UJ	
Endosulfan Sulfate	1031-07-8	1200000	8400	4	U	3.9	U	4	U	
Endrin	72-20-8	610000	--	6	U	6	U	6	U	
Endrin Aldehyde	7421-93-4	610000	--	4	U	3.9	U		R	
Endrin Ketone	53494-70-5	610000	--	4	U	3.9	U	4.3	UJ	
Gamma-BHC (Lindane)	58-89-9	610000	40	2.1	U	2	U		R	
Gamma-Chlordane	5103-74-2	2200	66							
Heptachlor	76-44-8	1300	13	2.1	U	2	U	2.1	U	
Heptachlor Epoxide	1024-57-3	630	20	2.1	U	2	U	2.4	UJ	
Methoxychlor	72-43-5	10000000	8000	17	J	20	U	70		
Toxaphene	8001-35-2	5200	600	81	U	80	U	81	U	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SPLP Pesticides in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	4		4		4		4	
		Sample Location	SB187		SB188		SB189		SB189	
		Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		80018-DUP02-0410-0311		80018-SB189-0410-0311	
		Risk Zone	J*		J*		E1*		E1*	
		Bottom Depth	10		10		10		10	
		Sample Date	4/4/2011		4/4/2011		4/4/2011		4/4/2011	
		Sample Type	N		N		FD		N	
		Field Duplicate Parent					80018-SB189-0410-0311			
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	1.5	0.11	U	0.11	U	0.11	U	0.11	U
4,4'-DDE	72-55-9	1	0.11	U	0.11	U	0.11	U	0.11	U
4,4'-DDT	50-29-3	1	0.11	U	0.11	U	0.11	U	0.11	U
Aldrin	309-00-2	--	0.056	U	0.056	U	0.056	U	0.056	U
Alpha-BHC	319-84-6	--	0.056	U	0.056	U	0.056	U	0.056	U
Alpha-Chordane	5103-71-9	3	0.056	U	0.056	U	0.056	U	0.056	U
Beta-BHC	319-85-7	--	0.031	JP	0.056	U	0.056	U	0.056	U
Delta-BHC	319-86-8	--	0.056	U	0.056	U	0.056	U	0.056	U
Dieldrin	60-57-1	0.02	0.11	U	0.11	U	0.11	U	0.11	U
Endosulfan I	959-98-8	420	0.056	U	0.056	U	0.056	U	0.056	U
Endosulfan II	33213-65-9	420	0.11	U	0.11	U	0.11	U	0.11	U
Endosulfan Sulfate	1031-07-8	420	0.11	U	0.11	U	0.11	U	0.11	U
Endrin	72-20-8	--	0.11	U	0.11	U	0.11	U	0.11	U
Endrin Aldehyde	7421-93-4	--	0.11	U	0.11	U	0.11	U	0.11	U
Endrin Ketone	53494-70-5	--	0.11	U	0.11	U	0.11	U	0.11	U
Gamma-BHC (Lindane)	58-89-9	2	0.056	U	0.056	U	0.056	U	0.056	U
Gamma-Chlordane	5103-74-2	3	0.018	J	0.056	U	0.056	U	0.056	U
Heptachlor	76-44-8	4	0.056	U	0.056	U	0.056	U	0.056	U
Heptachlor Epoxide	1024-57-3	2	0.056	U	0.056	U	0.056	U	0.056	U
Methoxychlor	72-43-5	400	0.56	U	0.56	U	0.56	U	0.56	U
Toxaphene	8001-35-2	30	5.6	U	5.6	U	5.6	U	5.6	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP Pesticides in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	119 Store Ave.		119 Store Ave.		120 Store Ave.		136 Store Ave.	
		Top Depth	4		4		4		4	
		Sample Location	SB190		SB208		SB204		SB205	
		Sample ID	80018-SB190-0410-0311		80018-SB208-0410-0311		80018-SB204-0410-0311		80018-SB205-0410-0311	
		Risk Zone	E1*		E1*		E2*		E3*	
		Bottom Depth	9		10		9		10	
		Sample Date	3/31/2011		4/4/2011		3/31/2011		4/4/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	1.5	0.11	U	0.11	U	0.11	U	0.11	U
4,4'-DDE	72-55-9	1	0.11	U	0.11	U	0.11	U	0.11	U
4,4'-DDT	50-29-3	1	0.11	U	0.11	U	0.11	U	0.11	U
Aldrin	309-00-2	--	0.056	U	0.056	U	0.056	U	0.056	U
Alpha-BHC	319-84-6	--	0.056	U	0.056	U	0.056	U	0.056	U
Alpha-Chordane	5103-71-9	3	0.056	U	0.056	U	0.056	U	0.056	U
Beta-BHC	319-85-7	--	0.033	JP	0.056	U	0.056	U	0.056	U
Delta-BHC	319-86-8	--	0.056	U	0.056	U	0.056	U	0.056	U
Dieldrin	60-57-1	0.02	0.11	U	0.11	U	0.11	U	0.11	U
Endosulfan I	959-98-8	420	0.056	U	0.056	U	0.056	U	0.056	U
Endosulfan II	33213-65-9	420	0.11	U	0.11	U	0.11	U	0.11	U
Endosulfan Sulfate	1031-07-8	420	0.11	U	0.11	U	0.11	U	0.11	U
Endrin	72-20-8	--	0.11	U	0.11	U	0.11	U	0.11	U
Endrin Aldehyde	7421-93-4	--	0.11	U	0.11	U	0.11	U	0.11	U
Endrin Ketone	53494-70-5	--	0.11	U	0.11	U	0.11	U	0.11	U
Gamma-BHC (Lindane)	58-89-9	2	0.056	U	0.056	U	0.056	U	0.056	U
Gamma-Chlordane	5103-74-2	3	0.03	JP	0.056	U	0.056	U	0.056	U
Heptachlor	76-44-8	4	0.056	U	0.056	U	0.056	U	0.056	U
Heptachlor Epoxide	1024-57-3	2	0.056	U	0.056	U	0.056	U	0.056	U
Methoxychlor	72-43-5	400	0.56	U	0.56	U	0.56	U	0.56	U
Toxaphene	8001-35-2	30	5.6	U	5.6	U	5.6	U	5.6	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP Pesticides in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	136 Store Ave.		17 Dunbar St.		235 Meriden Rd.		265 Meriden Rd.	
		Top Depth	4		4		4		4	
		Sample Location	SB206		SB192		SB197		SB198	
		Sample ID	80018-SB206-0410-0311		80018-SB192-0410-0311		80018-SB197-0410-0311		80018-SB198-0410-0311	
		Risk Zone	E3*		D1*		G*		G*	
		Bottom Depth	10		9		9		9	
		Sample Date	4/4/2011		3/31/2011		3/29/2011		3/28/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	1.5	0.11	U	0.11	U	0.11	U	0.1	U
4,4'-DDE	72-55-9	1	0.11	U	0.11	U	0.11	U	0.1	U
4,4'-DDT	50-29-3	1	0.11	U	0.11	U	0.11	U	0.1	U
Aldrin	309-00-2	--	0.056	U	0.056	U	0.056	U	0.05	U
Alpha-BHC	319-84-6	--	0.056	U	0.056	U	0.056	U	0.05	U
Alpha-Chordane	5103-71-9	3	0.056	U	0.056	U	0.056	U	0.05	U
Beta-BHC	319-85-7	--	0.056	U	0.056	U	0.056	U	0.05	U
Delta-BHC	319-86-8	--	0.056	U	0.056	U	0.056	U	0.05	U
Dieldrin	60-57-1	0.02	0.11	U	0.11	U	0.11	U	0.1	U
Endosulfan I	959-98-8	420	0.056	U	0.056	U	0.056	U	0.05	U
Endosulfan II	33213-65-9	420	0.11	U	0.11	U	0.11	U	0.1	U
Endosulfan Sulfate	1031-07-8	420	0.11	U	0.11	U	0.11	U	0.1	U
Endrin	72-20-8	--	0.11	U	0.11	U	0.11	U	0.1	U
Endrin Aldehyde	7421-93-4	--	0.11	U	0.11	U	0.11	U	0.1	U
Endrin Ketone	53494-70-5	--	0.11	U	0.11	U	0.11	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	2	0.056	U	0.056	U	0.056	U	0.05	U
Gamma-Chlordane	5103-74-2	3	0.056	U	0.02	J	0.056	U	0.05	U
Heptachlor	76-44-8	4	0.056	U	0.056	U	0.056	U	0.05	U
Heptachlor Epoxide	1024-57-3	2	0.056	U	0.056	U	0.056	U	0.05	U
Methoxychlor	72-43-5	400	0.56	U	0.56	U	0.56	U	0.5	U
Toxaphene	8001-35-2	30	5.6	U	5.6	U	5.6	U	5	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE	Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP Pesticides in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	27 Newman Ave.		281 Meriden Rd.		41 Dunbar St.		50 Store Ave.	
		Top Depth	4		4		4		4	
		Sample Location	SB207		SB199		SB191		SB201	
		Sample ID	80018-SB207-0410-0311		80018-SB199-0410-0311		80018-SB191-0410-0311		80018-SB201-0410-0311	
		Risk Zone	F*		D3*		D1*		I*	
		Bottom Depth	9		9		9		9	
		Sample Date	3/30/2011		3/28/2011		3/31/2011		3/29/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	1.5	0.11	U	0.1	U	0.11	U	0.11	U
4,4'-DDE	72-55-9	1	0.11	U	0.1	U	0.11	U	0.11	U
4,4'-DDT	50-29-3	1	0.11	U	0.1	U	0.11	U	0.11	U
Aldrin	309-00-2	--	0.056	U	0.05	U	0.056	U	0.056	U
Alpha-BHC	319-84-6	--	0.056	U	0.05	U	0.056	U	0.056	U
Alpha-Chordane	5103-71-9	3	0.056	U	0.05	U	0.056	U	0.056	U
Beta-BHC	319-85-7	--	0.056	U	0.021	JP	0.056	U	0.056	U
Delta-BHC	319-86-8	--	0.056	U	0.05	U	0.056	U	0.056	U
Dieldrin	60-57-1	0.02	0.11	U	0.1	U	0.11	U	0.11	U
Endosulfan I	959-98-8	420	0.056	U	0.05	U	0.056	U	0.056	U
Endosulfan II	33213-65-9	420	0.11	U	0.1	U	0.11	U	0.11	U
Endosulfan Sulfate	1031-07-8	420	0.11	U	0.1	U	0.11	U	0.11	U
Endrin	72-20-8	--	0.11	U	0.1	U	0.11	U	0.11	U
Endrin Aldehyde	7421-93-4	--	0.11	U	0.1	U	0.11	U	0.033	JP
Endrin Ketone	53494-70-5	--	0.11	U	0.1	U	0.11	U	0.11	U
Gamma-BHC (Lindane)	58-89-9	2	0.056	U	0.05	U	0.056	U	0.056	U
Gamma-Chlordane	5103-74-2	3	0.056	U	0.05	U	0.056	U	0.056	U
Heptachlor	76-44-8	4	0.056	U	0.05	U	0.056	U	0.056	U
Heptachlor Epoxide	1024-57-3	2	0.056	U	0.05	U	0.056	U	0.056	U
Methoxychlor	72-43-5	400	0.56	U	0.5	U	0.56	U	0.56	U
Toxaphene	8001-35-2	30	5.6	U	5	U	5.6	U	5.6	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP Pesticides in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		55 Store Ave.	
		Top Depth	4		4		4		4	
		Sample Location	SB202		SB203		SB203		SB194	
		Sample ID	80018-SB202-0410-0311		80018-DUP01-0410-0311		80018-SB203-0410-0311		80018-SB194-0410-0311	
		Risk Zone	I*		I*		I*		H*	
		Bottom Depth	9		9		9		9	
		Sample Date	3/29/2011		3/29/2011		3/29/2011		3/29/2011	
		Sample Type	N		FD		N		N	
		Field Duplicate Parent			80018-SB203-0410-0311					
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	1.5	0.1	U	0.11	U	0.11	U	0.11	U
4,4'-DDE	72-55-9	1	0.1	U	0.11	U	0.11	U	0.11	U
4,4'-DDT	50-29-3	1	0.1	U	0.11	U	0.11	U	0.11	U
Aldrin	309-00-2	--	0.05	U	0.056	U	0.056	U	0.056	U
Alpha-BHC	319-84-6	--	0.05	U	0.056	U	0.056	U	0.056	U
Alpha-Chordane	5103-71-9	3	0.05	U	0.056	U	0.056	U	0.056	U
Beta-BHC	319-85-7	--	0.05	U	0.056	U	0.056	U	0.056	U
Delta-BHC	319-86-8	--	0.05	U	0.056	U	0.056	U	0.056	U
Dieldrin	60-57-1	0.02	0.1	U	0.11	U	0.11	U	0.11	U
Endosulfan I	959-98-8	420	0.05	U	0.056	U	0.056	U	0.056	U
Endosulfan II	33213-65-9	420	0.1	U	0.11	U	0.11	U	0.11	U
Endosulfan Sulfate	1031-07-8	420	0.1	U	0.11	U	0.11	U	0.11	U
Endrin	72-20-8	--	0.1	U	0.11	U	0.11	U	0.11	U
Endrin Aldehyde	7421-93-4	--	0.1	U	0.11	U	0.038	J	0.11	U
Endrin Ketone	53494-70-5	--	0.1	U	0.11	U	0.11	U	0.11	U
Gamma-BHC (Lindane)	58-89-9	2	0.05	U	0.056	U	0.056	U	0.056	U
Gamma-Chlordane	5103-74-2	3	0.05	U	0.056	U	0.056	U	0.056	U
Heptachlor	76-44-8	4	0.05	U	0.056	U	0.056	U	0.056	U
Heptachlor Epoxide	1024-57-3	2	0.05	U	0.056	U	0.056	U	0.056	U
Methoxychlor	72-43-5	400	0.5	U	0.56	U	0.56	U	0.56	U
Toxaphene	8001-35-2	30	5	U	5.6	U	5.6	U	5.6	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
SPLP Pesticides in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	87 Store Ave.		9 Store Ave.		9 Store Ave.		Used Auto Lot Meriden Rd.	
		Top Depth	4		4		4		4	
		Sample Location	SB193		SB195		SB196		SB200	
		Sample ID	80018-SB193-0410-0311		80018-SB195-0410-0311		80018-SB196-0410-0311		80018-SB200-0410-0311	
		Risk Zone	H*		F*		F*		D3*	
		Bottom Depth	9		9		9		9	
		Sample Date	3/30/2011		3/30/2011		3/31/2011		3/28/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Result Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**10X CT GWPC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	1.5	0.11	U	0.11	U	0.11	U	0.1	U
4,4'-DDE	72-55-9	1	0.11	U	0.11	U	0.11	U	0.1	U
4,4'-DDT	50-29-3	1	0.11	U	0.11	U	0.11	U	0.1	U
Aldrin	309-00-2	--	0.056	U	0.056	U	0.056	U	0.05	U
Alpha-BHC	319-84-6	--	0.056	U	0.056	U	0.056	U	0.05	U
Alpha-Chordane	5103-71-9	3	0.056	U	0.056	U	0.056	U	0.05	U
Beta-BHC	319-85-7	--	0.056	U	0.056	U	0.056	U	0.05	U
Delta-BHC	319-86-8	--	0.056	U	0.056	U	0.056	U	0.05	U
Dieldrin	60-57-1	0.02	0.11	U	0.11	U	0.11	U	0.1	U
Endosulfan I	959-98-8	420	0.056	U	0.056	U	0.056	U	0.05	U
Endosulfan II	33213-65-9	420	0.11	U	0.11	U	0.11	U	0.1	U
Endosulfan Sulfate	1031-07-8	420	0.11	U	0.11	U	0.11	U	0.1	U
Endrin	72-20-8	--	0.11	U	0.11	U	0.11	U	0.1	U
Endrin Aldehyde	7421-93-4	--	0.034	JP	0.087	J	0.11	U	0.1	U
Endrin Ketone	53494-70-5	--	0.11	U	0.11	U	0.11	U	0.1	U
Gamma-BHC (Lindane)	58-89-9	2	0.056	U	0.056	U	0.056	U	0.05	U
Gamma-Chlordane	5103-74-2	3	0.056	U	0.056	U	0.019	JP	0.05	U
Heptachlor	76-44-8	4	0.056	U	0.056	U	0.056	U	0.05	U
Heptachlor Epoxide	1024-57-3	2	0.056	U	0.056	U	0.056	U	0.05	U
Methoxychlor	72-43-5	400	0.56	U	0.56	U	0.56	U	0.5	U
Toxaphene	8001-35-2	30	5.6	U	5.6	U	5.6	U	5	U

Notes:

10X CT-GWPC - 10 times the Groundwater Protection Criteria DEP Appendix C

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of 10X CT Groundwater Protection Criteira

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	0		0		0		0		0		0		0	
		Sample Location	MW3D		SB07		SB08		SB14		SB15		SB16			
		Sample ID	S-052704-JR-175		SB07-00-05~50977.12~~100902		SB08-00-05~50977.08~~100902		SB14-00-05~50977.04~~100902		SB15-00-05~50985.11~~101102		A0SE5-4~~~102302			
		Risk Zone	J*		J*		J*		J*		J*		J*			
		Bottom Depth	2		5		5		5		5		1			
		Sample Date	5/27/2004		10/9/2002		10/9/2002		10/9/2002		10/11/2002		10/23/2002			
		Sample Type	N		N		N		N		N		N			
		Field Duplicate Parent														
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	7.6	U	37	U	180	U	37	U	36	U	40	U		
Aroclor 1221	11104-28-2	--	15	U	75	U	360	U	76	U	74	U	81	U		
Aroclor 1232	11141-16-5	--	7.6	U	37	U	180	U	37	U	36	U	40	U		
Aroclor 1242	53469-21-9	--	7.6	U	37	U	180	U	37	U	36	U	40	U		
Aroclor 1248	12672-29-6	--	7.6	U	37	U	180	U	37	U	36	U	40	U		
Aroclor 1254	11097-69-1	--	51		480	DP	570	DJ	3200	DP	36	U	40	U		
Aroclor 1260	11096-82-5	--	26		37	U	180	U	37	U	36	U	40	U		
Aroclor 1262	37324-23-5	--														
Aroclor 1268	11100-14-4	--														
Polychlorinated Biphenyls	1336-36-3	1000	77		480		570		**3200**							

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
		Top Depth	4		4		0		0		0			
		Sample Location	SB187		SB188		SB22		SB23		SB24			
		Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		SB22-00-05~50985.05~~101002		SB23-00-05~50985.01~~101002		SB24-00-05~50985.03~~101002			
		Risk Zone	J*		J*		J*		J*		J*			
		Bottom Depth	10		10		5		5		5			
		Sample Date	4/4/2011		4/4/2011		10/10/2002		10/10/2002		10/10/2002			
		Sample Type	N		N		N		N		N			
		Field Duplicate Parent												
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	38	U	41	U	34	U	36	U	35	U		
Aroclor 1221	11104-28-2	--	38	U	41	U	68	U	72	U	71	U		
Aroclor 1232	11141-16-5	--	38	U	41	U	34	U	36	U	35	U		
Aroclor 1242	53469-21-9	--	38	U	41	U	34	U	36	U	35	U		
Aroclor 1248	12672-29-6	--	38	U	41	U	34	U	36	U	35	U		
Aroclor 1254	11097-69-1	--	1200	D	41	U	34	U	36	U	35	U		
Aroclor 1260	11096-82-5	--	1300	D	41	U	34	U	36	U	35	U		
Aroclor 1262	37324-23-5	--	38	U	41	U								
Aroclor 1268	11100-14-4	--	38	U	41	U								
Polychlorinated Biphenyls	1336-36-3	1000	**2500**											

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
		Top Depth	0		0		0		0		0		0			
		Sample Location	SB28		SB48		SS05		SS11		SS12		SS20			
		Sample ID	A0SE5-3~~~102302		S-051804-JR-098		SS-05~50959.04~~100802		SS-011~A0RG4-1~~102402		SS-012~A0RG2-3~~103102		KSS-020~A0RG4-3~FDOFA0RH3~102402			
		Risk Zone	J*		J*		J*		J*		J*		J*			
		Bottom Depth	3		2		0.25		0.25		0.25		0.25			
		Sample Date	10/23/2002		5/18/2004		10/8/2002		10/24/2002		10/31/2002		10/24/2002			
		Sample Type	N		N		N		N		N		FD			
		Field Duplicate Parent											SS-020~A0RG4-4~FDOFA0RG9~102402			
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	43	U	4.5	U	36	U	48	U	41	U	39	U		
Aroclor 1221	11104-28-2	--	87	U	8.7	U	74	U	97	U	83	U	80	U		
Aroclor 1232	11141-16-5	--	43	U	4.5	U	36	U	48	U	41	U	39	U		
Aroclor 1242	53469-21-9	--	43	U	4.5	U	36	U	48	U	41	U	39	U		
Aroclor 1248	12672-29-6	--	43	U	4.5	U	36	U	48	U	41	U	39	U		
Aroclor 1254	11097-69-1	--	43	U	4.5	U	36	U	48	U	41	U	39	U		
Aroclor 1260	11096-82-5	--	43	U	44	J	36	U	48	U	41	U	39	U		
Aroclor 1262	37324-23-5	--														
Aroclor 1268	11100-14-4	--														
Polychlorinated Biphenyls	1336-36-3	1000			44											

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St					
		Top Depth	0		0		0		0		0		(					
		Sample Location	SS20		SS21		SS21		SS-23		SS-24		SS					
		Sample ID	SS-020~A0RG4-4~FDOFA0RG9~102402		KSS-021~A0RG2-15~FDOFA0RH3~103102		SS-021~A0RG2-8~FDOFA0SG3~103102		APJ76		APJ78		AP.					
		Risk Zone	J*		J*		J*		J*		J*		J					
		Bottom Depth	0.25		0.25		0.25		0.5		0.5		0					
		Sample Date	10/24/2002		10/31/2002		10/31/2002		4/26/1999		4/26/1999		4/26/					
		Sample Type	N		FD		N		N		N		N					
		Field Duplicate Parent			SS-021~A0RG2-8~FDOFA0SG3~103102													
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug					
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**					
Aroclor 1016	12674-11-2	--	38	U	39	U	40	U	39	U	39	U	49					
Aroclor 1221	11104-28-2	--	77	U	79	U	82	U	80	U	80	U	100					
Aroclor 1232	11141-16-5	--	38	U	39	U	40	U	39	U	39	U	49					
Aroclor 1242	53469-21-9	--	38	U	39	U	40	U	39	U	39	U	49					
Aroclor 1248	12672-29-6	--	38	U	39	U	40	U	39	U	39	U	49					
Aroclor 1254	11097-69-1	--	38	U	39	U	40	U	22	J	39	U	49					
Aroclor 1260	11096-82-5	--	38	U	39	U	40	U	39	U	39	U	49					
Aroclor 1262	37324-23-5	--																
Aroclor 1268	11100-14-4	--																
Polychlorinated Biphenyls	1336-36-3	1000							22									

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	ore Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	)		0		0		0		0		0.5		0.5		0.5		0.5		0.5		0.5	
		Sample Location	-25		SS-25		SS-26		SS-27		SS28		SS150		SS150		SS-23		SS-24		SS-24		SS-24	
		Sample ID	080		APJ82		APJ83		APJ85		SS-028~A0KK9-4~~110102		80018-SS-DUP03-1010		80018-SS-SS150-1010		APJ77		APJ79		APJ79		APJ79	
		Risk Zone	*		J*		J*		J*		J*		J*		J*		J*		J*		J*		J*	
		Bottom Depth	5		0.5		0.5		0.5		0.25		1		1		2		2		2		2	
		Sample Date	1999		4/26/1999		4/26/1999		4/26/1999		11/1/2002		10/5/2010		10/5/2010		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
		Sample Type	N		FD		N		N		N		FD		N		N		N		N		N	
		Field Duplicate Parent			APJ80								80018-SS-SS150-1010											
		Unit	/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	--	U	46	U	39	U	39	U	37	U	43	U	44	U	36	U	38	U	38	U	38	U	38	U
Aroclor 1221	11104-28-2	--	U	93	U	80	U	80	U	74	U	43	U	44	U	74	U	76	U	76	U	76	U	76	U
Aroclor 1232	11141-16-5	--	U	46	U	39	U	39	U	37	U	43	U	44	U	36	U	38	U	38	U	38	U	38	U
Aroclor 1242	53469-21-9	--	U	46	U	39	U	39	U	37	U	43	U	44	U	36	U	38	U	38	U	38	U	38	U
Aroclor 1248	12672-29-6	--	U	46	U	39	U	39	U	37	U	43	U	44	U	36	U	38	U	38	U	38	U	38	U
Aroclor 1254	11097-69-1	--	U	46	U	39	U	710	J	37	U	43	U	44	U	19000	J	210		210		210		210	
Aroclor 1260	11096-82-5	--	U	46	U	39	U	39	U	37	U	43	U	44	U	36	U	56	J	56	J	56	J	56	J
Aroclor 1262	37324-23-5	--										43	U	44	U										
Aroclor 1268	11100-14-4	--										43	U	44	U										
Polychlorinated Biphenyls	1336-36-3	1000						710								**19000**		266		266		266		266	

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	0.5		0.5		0.5		2		2		3		4		4	
		Sample Location	SS-25		SS-26		SS-27		CAP13		CAP20		SB48		MW3D		SB21	
		Sample ID	APJ81		APJ84		APJ86		80018-CAP13-0203		80018-CAP20-0203		S-051804-JR-099		S-052704-JR-176		SB-21-04-06~021014-09~~100402	
		Risk Zone	J*		J*		J*		J*		J*		J*		J*		J*	
		Bottom Depth	2		2		2		3		3		4		8		6	
		Sample Date	4/26/1999		4/26/1999		4/26/1999		11/12/2008		11/13/2008		5/18/2004		5/27/2004		10/4/2002	
		Sample Type	N		N		N		N		N		N		N		N	
		Field Duplicate Parent																
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	--	51	U	39	U	40	U	37	U	37	U	55	U	75	U	71	U
Aroclor 1221	11104-28-2	--	100	U	79	U	82	U	37	U	37	U	110	U	150	U	140	U
Aroclor 1232	11141-16-5	--	51	U	39	U	40	U	37	U	37	U	55	U	75	U	71	U
Aroclor 1242	53469-21-9	--	51	U	39	U	40	U	37	U	37	U	55	U	75	U	71	U
Aroclor 1248	12672-29-6	--	51	U	39	U	40	U	37	U	37	U	55	U	75	U	71	U
Aroclor 1254	11097-69-1	--	120	J	140		40	U	770	DJ	37	U	55	U	190	J	71	U
Aroclor 1260	11096-82-5	--	51	U	39	U	1400	J	1800	DJ	170		360	J	110	J	71	U
Aroclor 1262	37324-23-5	--							37	U	37	U						
Aroclor 1268	11100-14-4	--							37	U	37	U						
Polychlorinated Biphenyls	1336-36-3	1000	120		140		**1400**		**2570**		170		360		300			

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St
		Top Depth	5		5		5		5		5		5		5		5		5
		Sample Location	CAP02		CAP03		CAP06		CAP08		CAP11		CAP16		CAP17		CAP18		CA
		Sample ID	8001-CAP02-0507		80018-CAP03-0507		80018-CAP06-0507		80018-CAP08-0507		80018-CAP11-0507		80018-CAP16-0507		80018-CAP17-0507		80018-CAP18-0507		80018-CA
		Risk Zone	J*		J*		J*		J*		J*		J*		J*		J*		J
		Bottom Depth	7		7		7		7		7		7		7		7		7
		Sample Date	11/11/2008		11/11/2008		11/12/2008		11/12/2008		11/13/2008		11/13/2008		11/14/2008		11/14/2008		11/13
		Sample Type	N		N		N		N		N		N		N		N		N
		Field Duplicate Parent																	
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
Aroclor 1016	12674-11-2	--	42	UJ	46	U	38	U	38	U	38	U	40	U	37	U	41	U	38
Aroclor 1221	11104-28-2	--	42	UJ	46	U	38	U	38	U	38	U	40	U	37	U	41	U	38
Aroclor 1232	11141-16-5	--	42	UJ	46	U	38	U	38	U	38	U	40	U	37	U	41	U	38
Aroclor 1242	53469-21-9	--	42	UJ	46	U	38	U	38	U	38	U	46	J	37	U	41	U	38
Aroclor 1248	12672-29-6	--	42	UJ	46	U	38	U	38	U	38	U	40	U	37	U	41	U	38
Aroclor 1254	11097-69-1	--	110	J	74	J	700	D	160		86	J	300	J	160		41	J	38
Aroclor 1260	11096-82-5	--	48	J	29	J	86	J	250	J	200	J	1500	DJ	450	J	89	J	490
Aroclor 1262	37324-23-5	--	42	UJ	46	U	38	U	38	U	38	U	40	U	37	U	41	U	38
Aroclor 1268	11100-14-4	--	42	UJ	46	U	38	U	38	U	38	U	40	U	37	U	41	U	38
Polychlorinated Biphenyls	1336-36-3	1000	158		103		786		410		286		**1846**		610		130		490

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	ore Ave.	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.			
		Top Depth	5	5		5		5			
		Sample Location	P19	CAP23		SB07		SB08			
		Sample ID	P19-0507	80018-CAP23-0507		SB07-05-10~50977.01~~100902		SB08-05-10~202164-002~~100902			
		Risk Zone	*	J*		J*		J*			
		Bottom Depth	7	7		10		10			
		Sample Date	/2008	11/13/2008		10/9/2002		10/9/2002			
		Sample Type	N	N		N		N			
		Field Duplicate Parent									
		Unit	/kg	ug/kg		ug/kg		ug/L			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	U	38	U	37	U	1	U		
Aroclor 1221	11104-28-2	--	U	38	U	75	U	1	U		
Aroclor 1232	11141-16-5	--	U	38	U	37	U	1	U		
Aroclor 1242	53469-21-9	--	U	38	U	37	U	1	U		
Aroclor 1248	12672-29-6	--	U	38	U	37	U	1	U		
Aroclor 1254	11097-69-1	--	U	38	U	37	U	1	U		
Aroclor 1260	11096-82-5	--	D	330		37	U	1	U		
Aroclor 1262	37324-23-5	--	U	38	U						
Aroclor 1268	11100-14-4	--	U	38	U						
Polychlorinated Biphenyls	1336-36-3	1000		330							

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St					
		Top Depth	5		5		5		5		6		10		1					
		Sample Location	SB08		SB169		SB23		SB24		SB48		CAP04		CAI					
		Sample ID	SB08-05-10~50977.13~~100902		80018-SB169-0507		SB23-05-10~50985.02~~101002		SB24-05-10~50985.04~~101002		S-051804-JR-100		80018-CAP04-1012		80018-CI					
		Risk Zone	J*		J*		J*		J*		J*		J*		J					
		Bottom Depth	10		7		10		10		10		12		1					
		Sample Date	10/9/2002		10/27/2008		10/10/2002		10/10/2002		5/18/2004		11/11/2008		11/12					
		Sample Type	N		N		N		N		N		N		N					
		Field Duplicate Parent																		
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug					
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**					
Aroclor 1016	12674-11-2	--	190	U	49	U	38	U	43	U	4.1	U	41	U	62					
Aroclor 1221	11104-28-2	--	390	U	49	U	78	U	88	U	7.9	U	41	U	62					
Aroclor 1232	11141-16-5	--	190	U	49	U	38	U	43	U	4.1	U	41	U	62					
Aroclor 1242	53469-21-9	--	190	U	49	U	38	U	43	U	4.1	U	41	U	62					
Aroclor 1248	12672-29-6	--	190	U	49	U	38	U	43	U	4.1	U	41	U	62					
Aroclor 1254	11097-69-1	--	190	U	49	U	38	U	43	U	4.1	U	2000	D	62					
Aroclor 1260	11096-82-5	--	190	U	31	J	38	U			4.1	U	2500	DJ	410					
Aroclor 1262	37324-23-5	--			49	U							41	U	62					
Aroclor 1268	11100-14-4	--			49	U							41	U	62					
Polychlorinated Biphenyls	1336-36-3	1000			31								**4500**		410					

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	ore Ave.	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	0	10		10		10		10		10		10		10	
		Sample Location	P05	CAP08		CAP09		CAP11		CAP16		CAP18		SB14			
		Sample ID	P05-1012	80018-CAP08-1012		80018-CAP09-1012		80018-CAP11-1012		80018-CAP16-1012		80018-CAP18-1012		SB14-10-15~202164-001~~100902			
		Risk Zone	*	J*		J*		J*		J*		J*		J*			
		Bottom Depth	2	12		12		12		12		12		15			
		Sample Date	/2008	11/12/2008		11/12/2008		11/13/2008		11/13/2008		11/14/2008		10/9/2002			
		Sample Type	N	N		N		N		N		N		N			
		Field Duplicate Parent															
		Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/L			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	U	40	U	40	U	41	UJ	54	U	39	UJ	1	U		
Aroclor 1221	11104-28-2	--	U	40	U	40	U	41	UJ	54	U	39	UJ	1	U		
Aroclor 1232	11141-16-5	--	U	40	U	40	U	41	UJ	54	U	39	UJ	1	U		
Aroclor 1242	53469-21-9	--	U	40	U	40	U	41	UJ	1900	D	39	UJ	1	U		
Aroclor 1248	12672-29-6	--	U	40	U	40	U	41	UJ	54	U	39	UJ	1	U		
Aroclor 1254	11097-69-1	--	U	180	J	1700	D	500	J	350		39	UJ	1	U		
Aroclor 1260	11096-82-5	--	J	210	J	2200	DJ	93	J	250	J	2100	D	1	U		
Aroclor 1262	37324-23-5	--	U	40	U	40	U	41	UJ	54	U	39	UJ				
Aroclor 1268	11100-14-4	--	U	40	U	40	U	41	UJ	54	U	39	UJ				
Polychlorinated Biphenyls	1336-36-3	1000		390		**3900**		593		**2500**		**2100**					

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St	
		Top Depth	10		10		10		10		10		1			
		Sample Location	SB14		SB15		SB15		SB171		SB21		SB			
		Sample ID	SB14-10-15~50977.09~~100902		SB15-10-15~202164-004~~101102		SB15-10-15~50985.1~~101002		80018-SB171-1012		SB21-10-15~2102202~~101402		KSB22-10-15~50985.0			
		Risk Zone	J*		J*		J*		J*		J*		J			
		Bottom Depth	15		15		15		12		15		1			
		Sample Date	10/9/2002		10/11/2002		10/10/2002		10/27/2008		10/14/2002		10/10			
		Sample Type	N		N		N		N		N		F			
		Field Duplicate Parent											SB22-10-15~50985.08			
		Unit	ug/kg		ug/L		ug/kg		ug/kg		ug/kg		ug			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**			
Aroclor 1016	12674-11-2	--	53	U	1	U	38	U	37	U	58	U	37			
Aroclor 1221	11104-28-2	--	110	U	1	U	78	U	37	U	120	U	74			
Aroclor 1232	11141-16-5	--	53	U	1	U	38	U	37	U	58	U	37			
Aroclor 1242	53469-21-9	--	53	U	1	U	38	U	37	U	58	U	37			
Aroclor 1248	12672-29-6	--	53	U	1	U	38	U	37	U	58	U	37			
Aroclor 1254	11097-69-1	--	151	J	1	U	38	U	200		58	U	37			
Aroclor 1260	11096-82-5	--	53	U	1	U	38	U	110		58	U				
Aroclor 1262	37324-23-5	--							37	U						
Aroclor 1268	11100-14-4	--							37	U						
Polychlorinated Biphenyls	1336-36-3	1000	151						310							

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	ore Ave.	(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	0	10		10	
		Sample Location	22	SB22		SB23	
		Sample ID	)~FDOFA0S88~101002	SB22-10-15~50985.08~FDOFA0S89~101002		K5B23-10-15~50977.07~FDOFA0KM0~101003	
		Risk Zone	*	J*		J*	
		Bottom Depth	5	15		15	
		Sample Date	/2002	10/10/2002		10/10/2002	
		Sample Type	D	N		FD	
		Field Duplicate Parent	~FDOFA0S89~101002			SB23-10-15~50977.06~FDOFA0KM1~101002	
		Unit	/kg	ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	--	U	35	U	39	U
Aroclor 1221	11104-28-2	--	U	71	U	79	U
Aroclor 1232	11141-16-5	--	U	35	U	39	U
Aroclor 1242	53469-21-9	--	U	35	U	39	U
Aroclor 1248	12672-29-6	--	U	35	U	39	U
Aroclor 1254	11097-69-1	--	U	35	U	36	J
Aroclor 1260	11096-82-5	--		32	JP	39	U
Aroclor 1262	37324-23-5	--					
Aroclor 1268	11100-14-4	--					
Polychlorinated Biphenyls	1336-36-3	1000		32		36	

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) St	
		Top Depth	10		10		12		14		14		14		14		1	
		Sample Location	SB23		SB23		MW3D		CAP05		CAP07		CAP08		CAI			
		Sample ID	SB23-10-15~202164-003~~101002		SB23-10-15~50977.06~FDOFA0KM1~101002		S-052704-JR-177		80018-CAP05-1416		80018-CAP07-1416		80018-CAP08-1416		80018-CA			
		Risk Zone	J*		J*		J*		J*		J*		J*		J			
		Bottom Depth	15		15		16		16		16		16		1			
		Sample Date	10/10/2002		10/10/2002		5/27/2004		11/12/2008		11/12/2008		11/12/2008		11/12			
		Sample Type	N		N		N		N		N		N		N			
		Field Duplicate Parent																
		Unit	ug/L		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**			
Aroclor 1016	12674-11-2	--	1	U	38	U	40	U	67	U	81	U	48	UJ	44			
Aroclor 1221	11104-28-2	--	1	U	78	U	77	U	67	U	81	U	48	UJ	44			
Aroclor 1232	11141-16-5	--	1	U	38	U	40	U	67	U	81	U	48	UJ	44			
Aroclor 1242	53469-21-9	--	1	U	38	U	40	U	67	U	81	U	48	UJ	44			
Aroclor 1248	12672-29-6	--	1	U	38	U	40	U	67	U	81	U	48	UJ	44			
Aroclor 1254	11097-69-1	--	1	U	150		190	J	67	U	310		5700	DJ	28			
Aroclor 1260	11096-82-5	--	1	U	38	U	54	J	50		410	J	3700	DJ	37			
Aroclor 1262	37324-23-5	--							67	U	81	U	48	UJ	44			
Aroclor 1268	11100-14-4	--							67	U	81	U	48	UJ	44			
Polychlorinated Biphenyls	1336-36-3	1000			150		244		50		720		**9400**		37			

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

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U - Substance was analyed for, but not detected, reporting limit presented

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UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	pre Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Sto	
		Top Depth	4		16		18		0		0		0		(	
		Sample Location	P10		MW3D		CAP11		SB05		SS03		SS04		SS	
		Sample ID	P10-1416		S-052704-JR-178		80018-CAP11-1820		SB05-00-05~2102236~~101802		SS-03~50959.03~~100802		KSS-04~021014-11~FDOFA0RF7~100402		SS-04~021014-10~F	
		Risk Zone	*		J*		J*		E1*		E1*		E1*		E	
		Bottom Depth	6		20		20		5		0.25		0.25		0.:	
		Sample Date	/2008		5/27/2004		11/13/2008		10/18/2002		10/8/2002		10/4/2002		10/4/	
		Sample Type	N		N		N		N		N		FD		N	
		Field Duplicate Parent											SS-04~021014-10~FDOFA0RK2~100402			
		Unit	/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
Aroclor 1016	12674-11-2	--	U	30	U	41	U	34	U	39	U	45	U	48		
Aroclor 1221	11104-28-2	--	U	59	U	41	U	70	U	80	U	91	U	96		
Aroclor 1232	11141-16-5	--	U	30	U	41	U	34	U	39	U	45	U	48		
Aroclor 1242	53469-21-9	--	U	30	J	41	U	34	U	39	U	45	U	48		
Aroclor 1248	12672-29-6	--	U	30	U	41	U	34	U	39	U	45	U	48		
Aroclor 1254	11097-69-1	--	UJ	110	J	90	J	34	U	39	U	140		120		
Aroclor 1260	11096-82-5	--	J	40	J	230	J	34	U	39	U	45	U	48		
Aroclor 1262	37324-23-5	--	U			41	U									
Aroclor 1268	11100-14-4	--	U			41	U									
Polychlorinated Biphenyls	1336-36-3	1000		180		320						140		120		

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	re Ave.	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	)	0		0		0		0		0		0		0		0		0.5		0.5	
		Sample Location	04	SS-17		SS-17		SS-18		SS-19		SS-20		SS-21		SS-22		SS-17		SS-18	
		Sample ID	DOFA0RK2~100402	APJ63		APJ65		APJ66		APJ68		APJ70		APJ72		APJ74		APJ64		APJ67	
		Risk Zone	1*	E1*		E1*		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
		Bottom Depth	25	0.5		0.5		0.5		0.5		0.5		0.5		0.5		2		2	
		Sample Date	2002	4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
		Sample Type	I	N		FD		N		N		N		N		N		N		N	
		Field Duplicate Parent				APJ63															
		Unit	kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	--	U	39	U	39	U	38	U	40	U	38	U	39	U	37	U	37	U	34	U		
Aroclor 1221	11104-28-2	--	U	79	U	80	U	78	U	81	U	77	U	79	U	75	U	74	U	69	U		
Aroclor 1232	11141-16-5	--	U	39	U	39	U	38	U	40	U	38	U	39	U	37	U	37	U	34	U		
Aroclor 1242	53469-21-9	--	U	39	U	39	U	38	U	40	U	38	U	39	U	37	U	37	U	34	U		
Aroclor 1248	12672-29-6	--	U	39	U	39	U	38	U	40	U	38	U	39	U	37	U	37	U	34	U		
Aroclor 1254	11097-69-1	--		58		65		38	U	40	U	43	J	39	U	82		37	U	34	U		
Aroclor 1260	11096-82-5	--	U	39	U	39	U	38	U	81		38	U	39	U	37	U	37	U	34	U		
Aroclor 1262	37324-23-5	--																					
Aroclor 1268	11100-14-4	--																					
Polychlorinated Biphenyls	1336-36-3	1000		58		65				81		43				82							

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.			
		Top Depth	0.5		0.5		0.5		0.5		4			
		Sample Location	SS-19		SS-20		SS-21		SS-22		SB13			
		Sample ID	APJ69		APJ71		APJ73		APJ75		SB-13-04-06~021014-04~~100302			
		Risk Zone	E1*		E1*		E1*		E1*		E1*			
		Bottom Depth	2		2		2		2		6			
		Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		10/3/2002			
		Sample Type	N		N		N		N		N			
		Field Duplicate Parent												
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	35	U	34	U	37	U	37	U	41	U		
Aroclor 1221	11104-28-2	--	70	U	69	U	74	U	75	U	83	U		
Aroclor 1232	11141-16-5	--	35	U	34	U	37	U	37	U	41	U		
Aroclor 1242	53469-21-9	--	35	U	34	U	37	U	37	U	41	U		
Aroclor 1248	12672-29-6	--	35	U	34	U	37	U	37	U	41	U		
Aroclor 1254	11097-69-1	--	35	U	34	U	37	U	37	U	41	U		
Aroclor 1260	11096-82-5	--	68		34	U	37	U	37	U	490			
Aroclor 1262	37324-23-5	--												
Aroclor 1268	11100-14-4	--												
Polychlorinated Biphenyls	1336-36-3	1000	68								490			

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Sto	
		Top Depth	5		5		5		5		5		5		5	
		Sample Location	SB05		SB06		SB06		SB150		SB150		SB152		SB	
		Sample ID	SB05-05-10~2102237~~101802		SB06-05-10~202164-006~~101802		SB06-05-10~2102238~~101802		80018-DUP106-0507		80018-SB150-0507		80018-SB152-0507		80018-SB	
		Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E	
		Bottom Depth	10		10		10		7		7		7		7	
		Sample Date	10/18/2002		10/18/2002		10/18/2002		10/23/2008		10/23/2008		10/24/2008		10/24	
		Sample Type	N		N		N		FD		N		N		N	
		Field Duplicate Parent							80018-SB150-0507							
		Unit	ug/kg		ug/L		ug/kg		ug/kg		ug/kg		ug/kg		ug	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	
Aroclor 1016	12674-11-2	--	42	U	1	U	38	U	39	U	40	U	38	U	37	
Aroclor 1221	11104-28-2	--	86	U	1	U	78	U	39	U	40	U	38	U	37	
Aroclor 1232	11141-16-5	--	42	U	1	U	38	U	39	U	40	U	38	U	37	
Aroclor 1242	53469-21-9	--	42	U	1	U	38	U	39	U	40	U	38	U	37	
Aroclor 1248	12672-29-6	--	42	U	1	U	38	U	39	U	40	U	38	U	37	
Aroclor 1254	11097-69-1	--	42	U	1	U	38	U	370		330		38	U	77	
Aroclor 1260	11096-82-5	--	42	U	1	U	38	U	96		100	J	38	U	220	
Aroclor 1262	37324-23-5	--							39	U	40	U	38	U	37	
Aroclor 1268	11100-14-4	--							39	U	40	U	38	U	37	
Polychlorinated Biphenyls	1336-36-3	1000							466		430				297	

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	re Ave.		119 Store Ave.			119 Store Ave.			119 Store Ave.			119 Store Ave.			119 Store Ave.			119 Stc						
		Top Depth	5		5			10			10			15			15			1						
		Sample Location	153		SB154			SB06			SB13			SB06			SB13			SB						
		Sample ID	153-0507		80018-SB154-0507			SB06-10-15~2102239~~101802			SB13-10-15~50985.13~~101102			SB06-15-20~2102240~~101802			SB13-15-20~50985.12~~101102			80018-SE						
		Risk Zone	1*		E1*			E1*			E1*			E1*			E1*			E						
		Bottom Depth	7		7			15			15			20			20			1						
		Sample Date	/2008		10/23/2008			10/18/2002			10/11/2002			10/18/2002			10/11/2002			10/23						
		Sample Type	N		N			N			N			N			N			N						
		Field Duplicate Parent																								
		Unit	/kg		ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug						
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**							
Aroclor 1016	12674-11-2	--	U	36	U	41	U	42	U	38	U	44	U	59												
Aroclor 1221	11104-28-2	--	U	36	U	83	U	84	U	78	U	90	U	59												
Aroclor 1232	11141-16-5	--	U	36	U	41	U	42	U	38	U	44	U	59												
Aroclor 1242	53469-21-9	--	U	36	U	41	U	42	U	38	U	44	U	59												
Aroclor 1248	12672-29-6	--	U	36	U	41	U	42	U	38	U	44	U	59												
Aroclor 1254	11097-69-1	--	J	36	U	41	U	42	U	38	U	44	U	39												
Aroclor 1260	11096-82-5	--		36	U	41	U	42	U	38	U	44	U	59												
Aroclor 1262	37324-23-5	--	U	36	U									59												
Aroclor 1268	11100-14-4	--	U	36	U									59												
Polychlorinated Biphenyls	1336-36-3	1000												39												

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	re Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
		Top Depth	5		4		4		4		4		0		0		0		0		0	
		Sample Location	151		SB189		SB189		SB190		SB208		SB33		SB36		SB36		SS146		SS146	
		Sample ID	151-1517		0018-DUP02-0410-031		0018-SB189-0410-031		0018-SB190-0410-031		0018-SB208-0410-031		SB33-00-05~2102207~~101502		SB36-00-05~2102203~~101502		SB36-00-05~2102203~~101502		80018-SS146-0002		80018-SS146-0002	
		Risk Zone	1*		E1*		E1*		E1*		E1*		E3*		E3*		E3*		E3*		E3*	
		Bottom Depth	7		10		10		9		10		5		5		5		2		2	
		Sample Date	/2008		4/4/2011		4/4/2011		3/31/2011		4/4/2011		10/15/2002		10/15/2002		10/15/2002		11/1/2008		11/1/2008	
		Sample Type	N		FD		N		N		N		N		N		N		N		N	
		Field Duplicate Parent			0018-SB189-0410-031																	
		Unit	/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	--	U	40	U	40	U	37	U	44	U	38	U	36	U	36	U	40	UJ	40	UJ	
Aroclor 1221	11104-28-2	--	U	40	U	40	U	37	U	44	U	77	U	73	U	73	U	40	UJ	40	UJ	
Aroclor 1232	11141-16-5	--	U	40	U	40	U	37	U	44	U	38	U	36	U	36	U	40	UJ	40	UJ	
Aroclor 1242	53469-21-9	--	U	40	U	40	U	37	U	44	U	38	U	36	U	36	U	40	UJ	40	UJ	
Aroclor 1248	12672-29-6	--	U	40	U	40	U	37	U	44	U	38	U	36	U	36	U	40	UJ	40	UJ	
Aroclor 1254	11097-69-1	--	J	490		530		37	U	44	U	38	U	36	U	36	U	40	UJ	40	UJ	
Aroclor 1260	11096-82-5	--	U	40	U	40	U	37	U	44	U	38	U	36	U	36	U	78	J	78	J	
Aroclor 1262	37324-23-5	--	U	40	U	40	U	37	U	44	U							40	UJ	40	UJ	
Aroclor 1268	11100-14-4	--	U	40	U	40	U	37	U	44	U							40	UJ	40	UJ	
Polychlorinated Biphenyls	1336-36-3	1000		490		530												78		78		

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
		Top Depth	0		0		0		0		0		0		0	
		Sample Location	SS27		SS31		SS-33		SS-34		SS-35		SS-36			
		Sample ID	SS-027~A0RG4-6~~102402		SS-031~A0KK9-7A66~~110102		APJ97		APJ99		APK02		APK04			
		Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*			
		Bottom Depth	0.25		0.25		0.5		0.5		0.5		0.5			
		Sample Date	10/24/2002		11/1/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999			
		Sample Type	N		N		N		N		N		N			
		Field Duplicate Parent														
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	190	U	39	U	37	U	39	U	41	U	76	U		
Aroclor 1221	11104-28-2	--	390	U	79	U	74	U	80	U	84	U	150	U		
Aroclor 1232	11141-16-5	--	190	U	39	U	37	U	39	U	41	U	76	U		
Aroclor 1242	53469-21-9	--	190	U	39	U	37	U	39	U	41	U	76	U		
Aroclor 1248	12672-29-6	--	190	U	39	U	37	U	39	U	41	U	76	U		
Aroclor 1254	11097-69-1	--	190	U	39	U	37	U	39	U	41	U	76	U		
Aroclor 1260	11096-82-5	--	190	U	39	U	37	U	39	U	41	U	76	U		
Aroclor 1262	37324-23-5	--														
Aroclor 1268	11100-14-4	--														
Polychlorinated Biphenyls	1336-36-3	1000														

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
		Top Depth	0		0		0.5		0.5		0.5		0.5		0.5		0.5		0.5	
		Sample Location	SS-37		SS-38		SS-33		SS-34		SS-34		SS-35		SS-36		SS-37		SS-38	
		Sample ID	APK06		APK08		APJ98		APK00		APK01		APK03		APK05		APK07		APK09	
		Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E3*		E3*		E3*	
		Bottom Depth	0.5		0.5		2		2		2		2		2		2		2	
		Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
		Sample Type	N		N		N		N		FD		N		N		N		N	
		Field Duplicate Parent									APK00									
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	--	39	U	40	U	77	U	38	U	38	U	35	U	76	U	38	U	35	U
Aroclor 1221	11104-28-2	--	80	U	81	U	160	U	78	U	78	U	72	U	150	U	78	U	72	U
Aroclor 1232	11141-16-5	--	39	U	40	U	77	U	38	U	38	U	35	U	76	U	38	U	35	U
Aroclor 1242	53469-21-9	--	39	U	40	U	77	U	38	U	38	U	35	U	76	U	38	U	35	U
Aroclor 1248	12672-29-6	--	39	U	40	U	77	U	38	U	38	U	35	U	76	U	38	U	35	U
Aroclor 1254	11097-69-1	--	39	U	40	U	77	U	38	U	38	U	44		76	U	38	U	35	U
Aroclor 1260	11096-82-5	--	39	U	40	U	77	U	38	U	38	U	35	U	76	U	38	U	35	U
Aroclor 1262	37324-23-5	--																		
Aroclor 1268	11100-14-4	--																		
Polychlorinated Biphenyls	1336-36-3	1000											44							

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
		Top Depth	2		2		5		5		5		5		4	
		Sample Location	SB167		SB167		SB163		SB164		SB165		SB166		SB205	
		Sample ID	80018-DUP110-0203		80018-SB167-0203		80018-SB163-0507		80018-SB164-0507		80018-SB165-0507		80018-SB166-0507		80018-SB205-0410-0311	
		Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E3*	
		Bottom Depth	3		3		7		7		7		7		10	
		Sample Date	11/12/2008		11/12/2008		10/21/2008		10/21/2008		10/21/2008		10/21/2008		4/4/2011	
		Sample Type	FD		N		N		N		N		N		N	
		Field Duplicate Parent	80018-SB167-0203													
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	--	37	U	37	U	40	U	38	U	37	U	38	U	56	U
Aroclor 1221	11104-28-2	--	37	U	37	U	40	U	38	U	37	U	38	U	56	U
Aroclor 1232	11141-16-5	--	37	U	37	U	40	U	38	U	37	U	38	U	56	U
Aroclor 1242	53469-21-9	--	37	U	37	U	40	U	38	U	37	U	38	U	56	U
Aroclor 1248	12672-29-6	--	37	U	37	U	40	U	38	U	37	U	38	U	56	U
Aroclor 1254	11097-69-1	--	37	U	37	U	40	U	38	U	37	U	38	U	56	U
Aroclor 1260	11096-82-5	--	37	U	37	U	40	U	38	U	37	U	38	U	56	U
Aroclor 1262	37324-23-5	--	37	U	37	U	40	U	38	U	37	U	38	U	56	U
Aroclor 1268	11100-14-4	--	37	U	37	U	40	U	38	U	37	U	38	U	56	U
Polychlorinated Biphenyls	1336-36-3	1000														

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

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D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Stc				
		Top Depth	4		5		5		10		10		1				
		Sample Location	SB206		SB32		SB36		SB32		SB33		SB				
		Sample ID	80018-SB206-0410-0311		SB32-05-10~2102205~~101502		SB36-05-10~2102204~~101502		SB32-10-15~2102206~~101502		SB33-10-15~2102208~~101502		KSB32-15-20~2102231				
		Risk Zone	E3*		E3*		E3*		E3*		E3*		E				
		Bottom Depth	10		10		10		15		15		2				
		Sample Date	4/4/2011		10/15/2002		10/15/2002		10/15/2002		10/15/2002		10/15				
		Sample Type	N		N		N		N		N		F				
		Field Duplicate Parent											SB32-15-20~2102230-				
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug				
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**				
Aroclor 1016	12674-11-2	--	45	U	42	U	35	U	63	U	35	U	40				
Aroclor 1221	11104-28-2	--	45	U	85	U	71	U	130	U	71	U	82				
Aroclor 1232	11141-16-5	--	45	U	42	U	35	U	63	U	35	U	40				
Aroclor 1242	53469-21-9	--	45	U	42	U	35	U	63	U	35	U	40				
Aroclor 1248	12672-29-6	--	45	U	42	U	35	U	63	U	35	U	40				
Aroclor 1254	11097-69-1	--	45	U	42	U	35	U	63	U	35	U	40				
Aroclor 1260	11096-82-5	--	45	U	42	U	35	U	63	U	35	U	40				
Aroclor 1262	37324-23-5	--	45	U													
Aroclor 1268	11100-14-4	--	45	U													
Polychlorinated Biphenyls	1336-36-3	1000															

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	re Ave.	136 Store Ave.		17 Dunbar St.		17 Dunbar St.			
		Top Depth	5	15		0		4			
		Sample Location	32	SB32		SB03		SB192			
		Sample ID	~FDOFA0SB8~101502	SB32-15-20~2102230~FDOFA0SB9~101502		SB03-00-05~2102210~~101602		80018-SB192-0410-0311			
		Risk Zone	3*	E3*		D1*		D1*			
		Bottom Depth	0	20		5		9			
		Sample Date	/2002	10/15/2002		10/16/2002		3/31/2011			
		Sample Type	D	N		N		N			
		Field Duplicate Parent	-FDOFA0SB9~101502								
		Unit	/kg	ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	U	42	U	38	U	43	U		
Aroclor 1221	11104-28-2	--	U	85	U	78	U	43	U		
Aroclor 1232	11141-16-5	--	U	42	U	38	U	43	U		
Aroclor 1242	53469-21-9	--	U	42	U	38	U	43	U		
Aroclor 1248	12672-29-6	--	U	42	U	38	U	43	U		
Aroclor 1254	11097-69-1	--	U	42	U	38	U	43	U		
Aroclor 1260	11096-82-5	--	U	42	U	38	U	76			
Aroclor 1262	37324-23-5	--						43	U		
Aroclor 1268	11100-14-4	--						43	U		
Polychlorinated Biphenyls	1336-36-3	1000						76			

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		27 Newman Ave.	
		Top Depth	0		0		0		0		0.5		5		0	
		Sample Location	SS02		SS09		SS108		SS-12		SS-12		SB110		SB02	
		Sample ID	SS-02~50959.02~~100802		SS-09~A0RG2-1~~103102		80018-SS108-0006		APJ53		APJ54		80018-SB110-0507		KSB02-00-05~2102200~~101402	
		Risk Zone	D1*		D1*		D1*		D1*		D1*		D1*		F*	
		Bottom Depth	0.25		0.25		0.5		0.5		2		7		5	
		Sample Date	10/8/2002		10/31/2002		10/16/2008		4/27/1999		4/27/1999		10/27/2008		10/14/2002	
		Sample Type	N		N		N		N		N		N		FD	
		Field Duplicate Parent													02-00-05~2102199~FDOFA0SA0~101	
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	--	40	U	42	U	38	U	38	U	36	U	43	U	37	U
Aroclor 1221	11104-28-2	--	81	U	86	U	38	U	76	U	73	U	43	U	76	U
Aroclor 1232	11141-16-5	--	40	U	42	U	38	U	38	U	36	U	43	U	37	U
Aroclor 1242	53469-21-9	--	40	U	42	U	38	U	38	U	36	U	43	U	37	U
Aroclor 1248	12672-29-6	--	40	U	42	U	38	U	38	U	36	U	43	U	37	U
Aroclor 1254	11097-69-1	--	40	U	42	U	38	U	38	U	36	U	43	U	37	U
Aroclor 1260	11096-82-5	--	40	U	42	U	38	U	38	U	36	U	43	U	37	U
Aroclor 1262	37324-23-5	--					38	U					43	U		
Aroclor 1268	11100-14-4	--					38	U					43	U		
Polychlorinated Biphenyls	1336-36-3	1000														

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
		Top Depth	0		0		0		0		0		0		0	
		Sample Location	SB02		SB11		SS01		SS-01		SS-02		SS-03			
		Sample ID	SB02-00-05~2102199~FDOFA0SA0~101402		SB11-00-05~2102224~~101702		SS-01~50959.01~~100802		APJ30		APJ32		APJ34			
		Risk Zone	F*		F*		F*		F*		F*		F*			
		Bottom Depth	5		5		0.25		0.5		0.5		0.5			
		Sample Date	10/14/2002		10/17/2002		10/8/2002		4/27/1999		4/27/1999		4/27/1999			
		Sample Type	N		N		N		N		N		N			
		Field Duplicate Parent														
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	38	U	41	U	40	U	38	U	38	U	41	U		
Aroclor 1221	11104-28-2	--	78	U	83	U	81	U	78	U	77	U	84	U		
Aroclor 1232	11141-16-5	--	38	U	41	U	40	U	38	U	38	U	41	U		
Aroclor 1242	53469-21-9	--	38	U	41	U	40	U	38	U	38	U	41	U		
Aroclor 1248	12672-29-6	--	38	U	41	U	40	U	38	U	38	U	41	U		
Aroclor 1254	11097-69-1	--	38	U	41	U	40	U	38	U	38	U	41	U		
Aroclor 1260	11096-82-5	--	38	U	41	U	40	U	38	U	38	U	41	U		
Aroclor 1262	37324-23-5	--														
Aroclor 1268	11100-14-4	--														
Polychlorinated Biphenyls	1336-36-3	1000														

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
		Top Depth	0		0		0.5		0.5		0.5		0.5		5	
		Sample Location	SS-04		SS08		SS-01		SS-02		SS-03		SS-04		SB01	
		Sample ID	APJ36		SS-08~50959.05~~100802		APJ31		APJ33		APJ35		APJ37		SB-1-05-06~021014-07~~100302	
		Risk Zone	F*		F*		F*		F*		F*		F*		F*	
		Bottom Depth	0.5		0.25		2		2		2		2		6	
		Sample Date	4/27/1999		10/8/2002		4/27/1999		4/27/1999		4/27/1999		4/27/1999		10/3/2002	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	--	36	U	35	U	39	U	48	U	38	U	36	U	47	U
Aroclor 1221	11104-28-2	--	74	U	71	U	79	U	97	U	76	U	73	U	96	U
Aroclor 1232	11141-16-5	--	36	U	35	U	39	U	48	U	38	U	36	U	47	U
Aroclor 1242	53469-21-9	--	36	U	35	U	39	U	48	U	38	U	36	U	47	U
Aroclor 1248	12672-29-6	--	36	U	35	U	39	U	48	U	38	U	36	U	47	U
Aroclor 1254	11097-69-1	--	36	U	35	U	39	U	48	U	38	U	36	U	47	U
Aroclor 1260	11096-82-5	--	36	U	35	U	39	U	48	U	38	U	36	U	47	U
Aroclor 1262	37324-23-5	--														
Aroclor 1268	11100-14-4	--														
Polychlorinated Biphenyls	1336-36-3	1000														

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newm	
		Top Depth	5		5		5		7		9		9		4	
		Sample Location	SB02		SB02		SB11		MW6D		SB140		SB141		SB2	
		Sample ID	SB02-05-10~202164-005~~101402		SB02-05-10~2102201~~101402		SB11-05-10~2102225~~101702		S-052504-JR-170		80018-SB140-0911		80018-SB141-0911		0018-SB20	
		Risk Zone	F*		F*		F*		F*		F*		F*		F	
		Bottom Depth	10		10		10		10		11		11		9	
		Sample Date	10/14/2002		10/14/2002		10/17/2002		5/25/2004		10/30/2008		10/30/2008		3/30/	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	ug/L		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	
Aroclor 1016	12674-11-2	--	1	U	49	U	49	U	3.9	U	40	U	55	U	38	
Aroclor 1221	11104-28-2	--	1	U	100	U	100	U	7.5	U	40	U	55	U	38	
Aroclor 1232	11141-16-5	--	1	U	49	U	49	U	3.9	U	40	U	55	U	38	
Aroclor 1242	53469-21-9	--	1	U	49	U	49	U	3.9	U	40	U	55	U	38	
Aroclor 1248	12672-29-6	--	1	U	49	U	49	U	3.9	U	40	U	55	U	38	
Aroclor 1254	11097-69-1	--	1	U	49	U	49	U	3.9	U	49	P	55	U	91	
Aroclor 1260	11096-82-5	--	1	U	49	U	49	U	3.9	J	40	U	55	U	38	
Aroclor 1262	37324-23-5	--									40	U	55	U	38	
Aroclor 1268	11100-14-4	--									40	U	55	U	38	
Polychlorinated Biphenyls	1336-36-3	1000							3.9		49				91	

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

		Address	han Ave.		27 Newman Ave.				27 Newman Ave.				41 Dunbar St.				41 Dunbar St.				41 Dunbar St.				41 Dunbar St.				41 Dur	
		Top Depth			10				11				0				0				0				0.5				5	
		Sample Location	207		SB01				MW6D				SB04				SS109				SS-13				SS-13				SB	
		Sample ID	7-0410-031		SB01-10-15~2102198~~101402				S-052504-JR-171				SB04-00-05~2102209~~101602				80018-SS109-0006				APJ55				APJ56				SB04-05-10~21	
		Risk Zone	*		F*				F*				D1*				D1*				D1*				D1*				D	
		Bottom Depth			15				14				5				0.5				0.5				2				1	
		Sample Date	2011		10/14/2002				5/25/2004				10/16/2002				10/16/2008				4/26/1999				4/26/1999				10/16	
		Sample Type			N				N				N				N				N				N				N	
		Field Duplicate Parent																												
		Unit	kg		ug/kg				ug/kg				ug/kg				ug/kg				ug/kg				ug/kg				ug	
Chemical Name	**CAS No.**	**CT Residential DEC**		**Qualifier**	**Result**		**Qualifier**		**Result**		**Qualifier**		**Result**		**Qualifier**		**Result**		**Qualifier**		**Result**		**Qualifier**		**Result**		**Qualifier**		**Result**	
Aroclor 1016	12674-11-2	--		U	37		U		4.1		U		37		U		37		U		38		U		42		U		40	
Aroclor 1221	11104-28-2	--		U	76		U		7.9		U		75		U		37		U		76		U		85		U		81	
Aroclor 1232	11141-16-5	--		U	37		U		4.1		U		37		U		37		U		38		U		42		U		40	
Aroclor 1242	53469-21-9	--		U	37		U		4.1		U		37		U		37		U		38		U		42		U		40	
Aroclor 1248	12672-29-6	--		U	37		U		4.1		U		37		U		37		U		38		U		42		U		40	
Aroclor 1254	11097-69-1	--			37		U		33				37		U		37		U		38		U		42		U		240	
Aroclor 1260	11096-82-5	--		U	37		U		11		J		37		U		21		J		38		U		42		U		40	
Aroclor 1262	37324-23-5	--		U													37		U											
Aroclor 1268	11100-14-4	--		U													37		U											
Polychlorinated Biphenyls	1336-36-3	1000							44								21												240	

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

		Address	bar St.		41 Dunbar St.		41 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.			
		Top Depth	6		9		4		0		0		0.5		0.5			
		Sample Location	04		SB111		SB191		SS-10		SS-11		SS-10		SS-11			
		Sample ID	02229~~101602		80018-SB111-0911		80018-SB191-0410-0311		APJ49		APJ51		APJ50		APJ52			
		Risk Zone	1*		D1*		D1*		D1*		D1*		D1*		D1*			
		Bottom Depth	0		11		9		0.5		0.5		2		2			
		Sample Date	/2002		10/31/2008		3/31/2011		4/27/1999		4/27/1999		4/27/1999		4/27/1999			
		Sample Type	N		N		N		N		N		N		N			
		Field Duplicate Parent																
		Unit	/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	U	51	UJ	44	U	36	U	37	U	35	U	37	U				
Aroclor 1221	11104-28-2	--	U	51	UJ	44	U	74	U	74	U	72	U	75	U				
Aroclor 1232	11141-16-5	--	U	51	UJ	44	U	36	U	37	U	35	U	37	U				
Aroclor 1242	53469-21-9	--	U	51	UJ	44	U	36	U	37	U	35	U	37	U				
Aroclor 1248	12672-29-6	--	U	51	UJ	44	U	36	U	37	U	35	U	37	U				
Aroclor 1254	11097-69-1	--		51	UJ	44	U	36	U	37	U	35	U	37	U				
Aroclor 1260	11096-82-5	--	U	51	UJ	44	U	36	U	37	U	35	U	37	U				
Aroclor 1262	37324-23-5	--		51	UJ	44	U												
Aroclor 1268	11100-14-4	--		51	UJ	44	U												
Polychlorinated Biphenyls	1336-36-3	1000																	

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	5 Dunbar St.		5 Dunbar St.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Stor					
		Top Depth	5		5		0		0		0		0		0		0		(					
		Sample Location	SB107		SB108		SS-05		SS-06		SS-07		SS-08		SS-09		SS14		SS					
		Sample ID	80018-SB107-0507		80018-SB108-0507		APJ38		APJ40		APJ42		APJ44		APJ46		SS-014~50959.06~~100802		SS-017~A0R(					
		Risk Zone	D1*		D1*		F*		F*		F*		F*		F*		F*		F					
		Bottom Depth	7		7		0.5		0.5		0.5		0.5		0.5		0.25		0.					
		Sample Date	10/30/2008		10/24/2008		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		10/8/2002		10/31					
		Sample Type	N		N		N		N		N		N		N		N		N					
		Field Duplicate Parent																						
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug					
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**					
Aroclor 1016	12674-11-2	--	45	U	35	U	38	U	37	U	39	U	40	U	41	U	200	U	43					
Aroclor 1221	11104-28-2	--	45	U	35	U	76	U	75	U	79	U	82	U	84	U	410	U	87					
Aroclor 1232	11141-16-5	--	45	U	35	U	38	U	37	U	39	U	40	U	41	U	200	U	43					
Aroclor 1242	53469-21-9	--	45	U	35	U	38	U	37	U	39	U	40	U	41	U	200	U	43					
Aroclor 1248	12672-29-6	--	45	U	35	U	38	U	37	U	39	U	40	U	41	U	200	U	43					
Aroclor 1254	11097-69-1	--	45	U	35	U	38	U	37	U	39	U	40	U	41	U	200	U	43					
Aroclor 1260	11096-82-5	--	45	U	35	U	38	U	37	U	39	U	40	U	41	U	200	U	43					
Aroclor 1262	37324-23-5	--	45	U	35	U																		
Aroclor 1268	11100-14-4	--	45	U	35	U																		
Polychlorinated Biphenyls	1336-36-3	1000																						

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	e Ave.	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
		Top Depth	)	0.5		0.5		0.5		0.5		0.5		0.5		0.5		10	
		Sample Location	17	SS-05		SS-06		SS-07		SS-08		SS-09		SS-09		SB143			
		Sample ID	2-5~~103102	APJ39		APJ41		APJ43		APJ45		APJ47		APJ48		80018-SB143-1012			
		Risk Zone	*	F*		F*		F*		F*		F*		F*		F*			
		Bottom Depth	25	2		2		2		2		2		2		12			
		Sample Date	/2002	4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		10/27/2008			
		Sample Type	N	N		N		N		N		N		FD		N			
		Field Duplicate Parent												APJ47					
		Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Aroclor 1016	12674-11-2	--	U	42	U	39	U	40	U	39	U	39	U	35	U	44	U		
Aroclor 1221	11104-28-2	--	U	86	U	79	U	82	U	80	U	80	U	70	U	44	U		
Aroclor 1232	11141-16-5	--	U	42	U	39	U	40	U	39	U	39	U	35	U	44	U		
Aroclor 1242	53469-21-9	--	U	42	U	39	U	40	U	39	U	39	U	35	U	44	U		
Aroclor 1248	12672-29-6	--	U	42	U	39	U	40	U	39	U	39	U	35	U	44	U		
Aroclor 1254	11097-69-1	--	U	42	U	39	U	40	U	39	U	39	U	35	U	44	U		
Aroclor 1260	11096-82-5	--	U	42	U	39	U	40	U	39	U	39	U	35	U	44	U		
Aroclor 1262	37324-23-5	--														44	U		
Aroclor 1268	11100-14-4	--														44	U		
Polychlorinated Biphenyls	1336-36-3	1000																	

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.			
		Top Depth	10		15		4		4		15			
		Sample Location	SB144		SB12		SB195		SB196		SB142			
		Sample ID	80018-SB144-1012		SB12-15-20~2102226~~101702		80018-SB195-0410-0311		80018-SB196-0410-0311		80018-SB142-1517			
		Risk Zone	F*		F*		F*		F*		F*			
		Bottom Depth	12		20		9		9		17			
		Sample Date	10/27/2008		10/17/2002		3/30/2011		3/31/2011		10/28/2008			
		Sample Type	N		N		N		N		N			
		Field Duplicate Parent												
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
Aroclor 1016	12674-11-2	--	39	U	42	U	46	U	42	U	58	U		
Aroclor 1221	11104-28-2	--	39	U	86	U	46	U	42	U	58	U		
Aroclor 1232	11141-16-5	--	39	U	42	U	46	U	42	U	58	U		
Aroclor 1242	53469-21-9	--	39	U	42	U	46	U	42	U	58	U		
Aroclor 1248	12672-29-6	--	39	U	42	U	46	U	42	U	58	U		
Aroclor 1254	11097-69-1	--	39	U	42	U	46	U	42	U	58	U		
Aroclor 1260	11096-82-5	--	39	U	42	U	46	U	42	U	58	U		
Aroclor 1262	37324-23-5	--	39	U			46	U	42	U	58	U		
Aroclor 1268	11100-14-4	--	39	U			46	U	42	U	58	U		
Polychlorinated Biphenyls	1336-36-3	1000												

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario; May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
		Top Depth	0		0		0		0		0		0		0	
		Sample Location	SS142		SS143		SS144		SS145		SS25		SS26		SS26	
		Sample ID	80018-SS142-0006		80018-SS143-0002		80018-SS144-0002		80018-SS145-0002		SS-025~50959.07~~100802		SS-026~A0RG4-5~~102402		SS-026~A0RG4-5~~102402	
		Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*		E2*	
		Bottom Depth	0.5		2		2		2		0.25		0.25		0.25	
		Sample Date	10/16/2008		11/1/2008		10/25/2008		11/1/2008		10/8/2002		10/24/2002		10/24/2002	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	37	U	37	UJ	36	U	37	UJ	35	U	38	U	38	U
AROCLOR 1221	11104-28-2	--	37	U	37	UJ	36	U	37	UJ	72	U	77	U	77	U
AROCLOR 1232	11141-16-5	--	37	U	37	UJ	36	U	37	UJ	35	U	38	U	38	U
AROCLOR 1242	53469-21-9	--	37	U	37	UJ	36	U	37	UJ	35	U	38	U	38	U
AROCLOR 1248	12672-29-6	--	37	U	37	UJ	36	U	37	UJ	35	U	38	U	38	U
AROCLOR 1254	11097-69-1	--	94	J	37	UJ	36	U	37	UJ	35	U	38	U	38	U
AROCLOR 1260	11096-82-5	--	55	J	37	UJ	36	U	37	UJ	35	U	38	U	38	U
Aroclor 1262	37324-23-5	--	37	U	37	UJ	36	U	37	UJ						
Aroclor 1268	11100-14-4	--	37	U	37	UJ	36	U	37	UJ						
Polychlorinated Biphenyls	1336-36-3	10000	149													

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants
at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Sto	
		Top Depth	0		0		0.5		0.5		5		5		9		9		9		9	
		Sample Location	SS-39		SS-40		SS-39		SS-40		SB155		SB162		SB157		SB159		SB	
		Sample ID	APK10		APK12		APK11		APK13		80018-SB155-0507		80018-SB162-0507		80018-SB157-0911		80018-SB159-0911		80018-SE	
		Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*		E2*		E2*		E	
		Bottom Depth	0.5		0.5		2		2		7		7		11		11		1	
		Sample Date	4/26/1999		4/26/1999		4/26/1999		4/26/1999		10/25/2008		10/25/2008		11/1/2008		11/1/2008		11/1/	
		Sample Type	N		N		N		N		N		N		N		N		N		N	
		Field Duplicate Parent																				
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	
AROCLOR 1016	12674-11-2	--	40	U	38	U	38	U	180	U	38	U	47	U	62	U	38	UJ	42			
AROCLOR 1221	11104-28-2	--	81	U	77	U	77	U	360	U	38	U	47	U	62	U	38	UJ	42			
AROCLOR 1232	11141-16-5	--	40	U	38	U	38	U	180	U	38	U	47	U	62	U	38	UJ	42			
AROCLOR 1242	53469-21-9	--	40	U	38	U	38	U	180	U	38	U	47	U	62	U	38	UJ	42			
AROCLOR 1248	12672-29-6	--	40	U	38	U	38	U	180	U	38	U	47	U	62	U	38	UJ	42			
AROCLOR 1254	11097-69-1	--	40	U	38	U	38	U	180	U	38	U	47	U	62	U	38	UJ	42			
AROCLOR 1260	11096-82-5	--	40	U	38	U	38	U	180	U	38	U	47	U	62	U	38	UJ	42			
Aroclor 1262	37324-23-5	--									38	U	47	U	62	U	38	UJ	42			
Aroclor 1268	11100-14-4	--									38	U	47	U	62	U	38	UJ	42			
Polychlorinated Biphenyls	1336-36-3	10000																				

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	re Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		20 Newman Ave.		120 Store Ave.		20 Newman Ave.		20 Newman Ave.	
		Top Depth	9		10		14		14		0		4		0		0	
		Sample Location	160		SB161		SB156		SB156		SB46		SB204		SS-14		SS15	
		Sample ID	160-0911		80018-SB161-1012		80018-DUP07-1416		80018-SB156-1416		S-052104-JR-155		80018-SB204-0410-0311		APJ57		SS-015~A0RG2-4~~103102	
		Risk Zone	2*		E2*		E2*		E2*		H*		E2*		H*		H*	
		Bottom Depth	1		12		16		16		2		9		0.5		0.25	
		Sample Date	2008		10/25/2008		10/25/2008		10/25/2008		5/21/2004		3/31/2011		4/27/1999		10/31/2002	
		Sample Type	N		N		FD		N		N		N		N		N	
		Field Duplicate Parent					80018-SB156-1416											
		Unit	/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	UJ	75	U	52	U	52	U	3.5	UJ	37	U	39	U	75	U
AROCLOR 1221	11104-28-2	--	UJ	75	U	52	U	52	U	6.8	UJ	37	U	79	U	150	U
AROCLOR 1232	11141-16-5	--	UJ	75	U	52	U	52	U	3.5	UJ	37	U	39	U	75	U
AROCLOR 1242	53469-21-9	--	UJ	75	U	52	U	52	U	3.5	UJ	37	U	39	U	75	U
AROCLOR 1248	12672-29-6	--	UJ	75	U	52	U	52	U	3.5	UJ	37	U	39	U	75	U
AROCLOR 1254	11097-69-1	--	UJ	75	U	52	U	52	U	3.5	UJ	37	U	39	U	75	U
AROCLOR 1260	11096-82-5	--	UJ	75	U	52	U	52	U	3.5	UJ	37	U	39	U	75	U
Aroclor 1262	37324-23-5	--	UJ	75	U	52	U	52	U			37	U				
Aroclor 1268	11100-14-4	--	UJ	75	U	52	U	52	U			37	U				
Polychlorinated Biphenyls	1336-36-3	10000															

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		
		Top Depth	0.5		5.5		11.5		11.5		14		
		Sample Location	SS-14		SB46		SB46		SB46		SB139		
		Sample ID	APJ58		S-052104-JR-156		S-052104-JR-157		S-052104-JR-158		80018-SB139-1416		
		Risk Zone	H*		H*		H*		H*		H*		
		Bottom Depth	2		7.5		15		15		16		
		Sample Date	4/27/1999		5/21/2004		5/21/2004		5/21/2004		10/29/2008		
		Sample Type	N		N		N		FD		N		
		Field Duplicate Parent							S-052104-JR-157				
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
AROCLOR 1016	12674-11-2	--	37	U	3.7	UJ	4.4	UJ	4.5	UJ	80	U	
AROCLOR 1221	11104-28-2	--	75	U	7.2	UJ	8.6	UJ	8.8	UJ	80	U	
AROCLOR 1232	11141-16-5	--	37	U	3.7	UJ	4.4	UJ	4.5	UJ	80	U	
AROCLOR 1242	53469-21-9	--	37	U	3.7	UJ	4.4	UJ	4.5	UJ	80	U	
AROCLOR 1248	12672-29-6	--	37	U	3.7	UJ	4.4	UJ	4.5	UJ	80	U	
AROCLOR 1254	11097-69-1	--	37	U	5.1	J	8.8	J	14	J	80	U	
AROCLOR 1260	11096-82-5	--	37	U	3.7	UJ	3.4	J	4.5	UJ	80	U	
Aroclor 1262	37324-23-5	--									80	U	
Aroclor 1268	11100-14-4	--									80	U	
Polychlorinated Biphenyls	1336-36-3	10000			5.1		12.2		14				

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meride			
		Top Depth	0		0.5		5		10		5		5		4			
		Sample Location	SB40		MW5		SB18		SB18		SB119		SB120		SB19			
		Sample ID	S-18281-051304-JR-033		S-052404-JR-166		SB18-05-10~2102227~~101702		SB18-10-20~2102228~~101702		80018-SB119-0507		80018-SB120-0507		80018-SB197-			
		Risk Zone	G*		G*		G*		G*		G*		G*		G*			
		Bottom Depth	2		1.5		10		20		7		7		9			
		Sample Date	5/13/2004		5/24/2004		10/17/2002		10/17/2002		10/23/2008		10/23/2008		3/29/20			
		Sample Type	N		N		N		N		N		N		N			
		Field Duplicate Parent																
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**			
AROCLOR 1016	12674-11-2	--	3.9	U	3.9	U	39	U	46	U	40	U	35	U	43			
AROCLOR 1221	11104-28-2	--	7.6	U	7.5	U	79	U	93	U	40	U	35	U	43			
AROCLOR 1232	11141-16-5	--	3.9	U	3.9	U	39	U	46	U	40	U	35	U	43			
AROCLOR 1242	53469-21-9	--	3.9	U	3.9	U	39	U	46	U	40	U	35	U	43			
AROCLOR 1248	12672-29-6	--	3.7	J	3.9	U	39	U	46	U	40	U	35	U	43			
AROCLOR 1254	11097-69-1	--	3.9	U	3.9	U	39	U	46	U	40	U	35	U	43			
AROCLOR 1260	11096-82-5	--	3.9	U	4.4	J	39	U	46	U	40	U	35	U	43			
Aroclor 1262	37324-23-5	--									40	U	35	U	43			
Aroclor 1268	11100-14-4	--									40	U	35	U	43			
Polychlorinated Biphenyls	1336-36-3	10000	3.7		4.4													

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	en Rd.	235 Meriden Rd.		263 Meriden Rd.		263 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.			
		Top Depth		10		0		9		0		0			
		Sample Location	7	SB40		SS113		SB121		SB39		SS23			
		Sample ID	0410-0311	S-18281-051304-JR-035		80018-SS113-0002		80018-SB121-0913		S-071504-DK-200		SS-023~A0RG2-9~~103102			
		Risk Zone		G*		D3*		D3*		G*		G*			
		Bottom Depth		15		2		13		2		0.25			
		Sample Date	11	5/13/2004		10/22/2008		10/22/2008		7/15/2004		10/31/2002			
		Sample Type		N		N		N		N		N			
		Field Duplicate Parent													
		Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
AROCLOR 1016	12674-11-2	--	U	3.5	U	35	U	39	U	3.6	U	39	U		
AROCLOR 1221	11104-28-2	--	U	6.9	U	35	U	39	U	6.9	U	79	U		
AROCLOR 1232	11141-16-5	--	U	3.5	U	35	U	39	U	3.6	U	39	U		
AROCLOR 1242	53469-21-9	--	U	3.5	U	35	U	39	U	3.6	U	39	U		
AROCLOR 1248	12672-29-6	--	U	3.5	U	35	U	39	U	3.6	U	39	U		
AROCLOR 1254	11097-69-1	--	U	3.5	U	35	U	39	U	4.8		39	U		
AROCLOR 1260	11096-82-5	--	U	3.5	U	21	J	39	U	7.8		39	U		
Aroclor 1262	37324-23-5	--	U			35	U	39	U						
Aroclor 1268	11100-14-4	--	U			35	U	39	U						
Polychlorinated Biphenyls	1336-36-3	10000				21				12.6					

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	265 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		281 Meriden Rd.		281 Meriden Rd.		281 Meriden Rd.		50 Store Ave.	
		Top Depth	5		10		4		0		5		4		0	
		Sample Location	SB39		SB39		SB198		SS114		SB122		SB199		MW4D	
		Sample ID	S-071504-DK-201		S-071504-DK-202		80018-SB198-0410-0311		80018-SS114-0002		80018-SB122-0507		80018-SB199-0410-0311		S-052004-JR-146	
		Risk Zone	G*		G*		G*		D3*		D3*		D3*		I*	
		Bottom Depth	10		15		9		2		7		9		2	
		Sample Date	7/15/2004		7/15/2004		3/28/2011		10/23/2008		10/22/2008		3/28/2011		5/20/2004	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	3.9	U	3.7	U	38	U	35	U	37	U	41	U	3.4	U
AROCLOR 1221	11104-28-2	--	7.5	U	7.2	U	38	U	35	U	37	U	41	U	6.7	U
AROCLOR 1232	11141-16-5	--	3.9	U	3.7	U	38	U	35	U	37	U	41	U	3.4	U
AROCLOR 1242	53469-21-9	--	3.9	U	3.7	U	38	U	35	U	37	U	41	U	3.4	U
AROCLOR 1248	12672-29-6	--	3.9	U	3.7	U	38	U	35	U	37	U	41	U	3.4	U
AROCLOR 1254	11097-69-1	--	3.9	U	3.7	U	38	U	35	U	37	U	41	U	3.4	U
AROCLOR 1260	11096-82-5	--	3.9	U	3.7	U	38	U	59	J	37	U	41	U	3.4	UJ
Aroclor 1262	37324-23-5	--					38	U	35	U	37	U	41	U		
Aroclor 1268	11100-14-4	--					38	U	35	U	37	U	41	U		
Polychlorinated Biphenyls	1336-36-3	10000							59							

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Sto			
		Top Depth	0		0		0		0		0		(			
		Sample Location	SB31		SB34		SB35		SS24		SS29		SS			
		Sample ID	SB31-00-05~A0RG4-16~~102102		SB34-00-05~A0RG4-18~~102202		A0SE5-7~~~102202		SS-024~A0RG2-10~~103102		SS-029~A0KK9-5~~110102		SS-035~A0KK			
		Risk Zone	I*		I*		I*		I*		I*		Scovill-Within			
		Bottom Depth	5		5		5		0.25		0.25		0.			
		Sample Date	10/21/2002		10/22/2002		10/22/2002		10/31/2002		11/1/2002		11/1/			
		Sample Type	N		N		N		N		N		N			
		Field Duplicate Parent														
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**			
AROCLOR 1016	12674-11-2	--	40	U	34	U	41	U	38	U	38	U	46			
AROCLOR 1221	11104-28-2	--	81	U	70	U	83	U	76	U	76	U	94			
AROCLOR 1232	11141-16-5	--	40	U	34	U	41	U	38	U	38	U	46			
AROCLOR 1242	53469-21-9	--	40	U	34	U	41	U	38	U	38	U	46			
AROCLOR 1248	12672-29-6	--	40	U	34	U	41	U	38	U	38	U	46			
AROCLOR 1254	11097-69-1	--	40	U	34	U	41	U	38	U	38	U	46			
AROCLOR 1260	11096-82-5	--	40	U	34	U	41	U	38	U	38	U	46			
Aroclor 1262	37324-23-5	--														
Aroclor 1268	11100-14-4	--														
Polychlorinated Biphenyls	1336-36-3	10000														

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	e Ave.	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Sto	
		Top Depth	)	3.5		4		4		4		4		4	
		Sample Location	35	MW4D		SB201		SB202		SB203		SB203		SE	
		Sample ID	9-13~~110102	S-052004-JR-147		80018-SB201-0410-0311		80018-SB202-0410-0311		80018-DUP01-0410-0311		80018-SB203-0410-0311		SB-25-04-06~021	
		Risk Zone	_Waste_Area	Deep-Ovb-Commercial		I*		I*		I*		I*		I	
		Bottom Depth	25	8.5		9		9		9		9		(	
		Sample Date	2002	5/20/2004		3/29/2011		3/29/2011		3/29/2011		3/29/2011		10/3/	
		Sample Type	N	N		N		N		FD		N		N	
		Field Duplicate Parent								80018-SB203-0410-0311					
		Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	
AROCLOR 1016	12674-11-2	--	U	3.6	U	42	U	45	U	41	U	42	U	46	
AROCLOR 1221	11104-28-2	--	U	7	U	42	U	45	U	41	U	42	U	92	
AROCLOR 1232	11141-16-5	--	U	3.6	U	42	U	45	U	41	U	42	U	46	
AROCLOR 1242	53469-21-9	--	U	9.5		42	U	45	U	41	U	42	U	46	
AROCLOR 1248	12672-29-6	--	U	3.6	U	42	U	45	U	41	U	42	U	46	
AROCLOR 1254	11097-69-1	--	U	7.2	J	42	U	45	U	41	U	42	U	46	
AROCLOR 1260	11096-82-5	--	U	3.6	U	42	U	45	U	41	U	42	U	46	
Aroclor 1262	37324-23-5	--				42	U	45	U	41	U	42	U		
Aroclor 1268	11100-14-4	--				42	U	45	U	41	U	42	U		
Polychlorinated Biphenyls	1336-36-3	10000		16.7											

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	e Ave.	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		
		Top Depth	4	5		5		5		5		
		Sample Location	25	SB26		SB27		SB34		SB35		
		Sample ID	014-06~~100302	SB26-05-10~A0RG4-11~~102102		A0SE5-8~~~102202		SB34-05-08~A0RG4-19~~102202		A0SE5-6~~~102202		
		Risk Zone	*	I*		I*		I*		I*		
		Bottom Depth	6	10		10		8		10		
		Sample Date	2002	10/21/2002		10/22/2002		10/22/2002		10/22/2002		
		Sample Type	N	N		N		N		N		
		Field Duplicate Parent										
		Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
AROCLOR 1016	12674-11-2	--	U	41	U	270	U	33	U	45	U	
AROCLOR 1221	11104-28-2	--	U	83	U	540	U	68	U	91	U	
AROCLOR 1232	11141-16-5	--	U	41	U	270	U	33	U	45	U	
AROCLOR 1242	53469-21-9	--	U	41	U	270	U	33	U	45	U	
AROCLOR 1248	12672-29-6	--	U	41	U	270	U	33	U	45	U	
AROCLOR 1254	11097-69-1	--	U	41	U	270	U	33	U	45	U	
AROCLOR 1260	11096-82-5	--	U	41	U	270	U	33	U	45	U	
Aroclor 1262	37324-23-5	--										
Aroclor 1268	11100-14-4	--										
Polychlorinated Biphenyls	1336-36-3	10000										

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
		Top Depth	7		10		10		10			
		Sample Location	SB145		SB25		SB25		SB26			
		Sample ID	80018-SB145-0709		KSB25-10-15~A0RG4-8~FDOFA0SC9~102102		SB25-10-15~A0RG4-7~FDOFA0SD0~102102		SB26-10-15~A0RG4-15~~102102			
		Risk Zone	I*		I*		I*		I*			
		Bottom Depth	9		15		15		15			
		Sample Date	10/21/2008		10/21/2002		10/21/2002		10/21/2002			
		Sample Type	N		FD		N		N			
		Field Duplicate Parent			SB25-10-15~A0RG4-7~FDOFA0SD0~102102							
		Unit	ug/kg		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
AROCLOR 1016	12674-11-2	--	37	U	45	U	47	U	45	U		
AROCLOR 1221	11104-28-2	--	37	U	92	U	96	U	92	U		
AROCLOR 1232	11141-16-5	--	37	U	45	U	47	U	45	U		
AROCLOR 1242	53469-21-9	--	37	U	45	U	47	U	45	U		
AROCLOR 1248	12672-29-6	--	37	U	45	U	47	U	45	U		
AROCLOR 1254	11097-69-1	--	37	U	45	U	47	U	45	U		
AROCLOR 1260	11096-82-5	--	37	U	45	U	47	U	45	U		
Aroclor 1262	37324-23-5	--	37	U								
Aroclor 1268	11100-14-4	--	37	U								
Polychlorinated Biphenyls	1336-36-3	10000										

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.			
		Top Depth	10		10		10		10.5		14			
		Sample Location	SB27		SB31		SB31		MW4D		SB146			
		Sample ID	A0SE5-9~~~102202		SB31-10-15~202164-007~~102102		SB31-10-15~A0RG4-9~~102102		S-052004-JR-148		80018-SB146-1416			
		Risk Zone	I*		I*		I*		Deep-Ovb-Commercial		I*			
		Bottom Depth	15		15		15		15		16			
		Sample Date	10/22/2002		10/21/2002		10/21/2002		5/20/2004		10/24/2008			
		Sample Type	N		N		N		N		N			
		Field Duplicate Parent												
		Unit	ug/kg		ug/L		ug/kg		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
AROCLOR 1016	12674-11-2	--	62	U	1	U	46	U		R	35	U		
AROCLOR 1221	11104-28-2	--	130	U	1	U	93	U		R	35	U		
AROCLOR 1232	11141-16-5	--	62	U	1	U	46	U		R	35	U		
AROCLOR 1242	53469-21-9	--	62	U	1	U	46	U		R	35	U		
AROCLOR 1248	12672-29-6	--	62	U	1	U	46	U		R	35	U		
AROCLOR 1254	11097-69-1	--	62	U	1	U	46	U		R	35	U		
AROCLOR 1260	11096-82-5	--	62	U	1	U	46	U		R	35	U		
Aroclor 1262	37324-23-5	--									35	U		
Aroclor 1268	11100-14-4	--									35	U		
Polychlorinated Biphenyls	1336-36-3	10000												

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.

µg/Kg - Micrograms per Kilogram (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.		55 Sto
		Top Depth	15		22.5		0		0		4		4		1
		Sample Location	SB31		MW4D		SB45		SS18		SB194		SB45		SE
		Sample ID	SB31-15-20~A0RG4-17~~102102		S-052004-JR-149		S-051404-JR-014		SS-018~A0RG2-6~~103102		80018-SB194-0410-0311		S-051404-JR-012		S-05140
		Risk Zone	I*		Deep-Ovb-Commercial		H*		H*		H*		H*		H
		Bottom Depth	20		26		4		0.25		9		5.5		1
		Sample Date	10/21/2002		5/20/2004		5/14/2004		10/31/2002		3/29/2011		5/14/2004		5/14/
		Sample Type	N		N		N		N		N		N		N
		Field Duplicate Parent													
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
AROCLOR 1016	12674-11-2	--	49	U	5.5	U	3.4	U	35	U	51	U	5.4	U	5.5
AROCLOR 1221	11104-28-2	--	100	U	11	U	6.7	U	71	U	51	U	10	U	11
AROCLOR 1232	11141-16-5	--	49	U	5.5	U	3.4	U	35	U	51	U	5.4	U	5.5
AROCLOR 1242	53469-21-9	--	49	U	5.5	U	3.4	U	35	U	51	U	6.4	J	5.5
AROCLOR 1248	12672-29-6	--	49	U	5.5	U	3.4	U	35	U	51	U	5.4	U	5.5
AROCLOR 1254	11097-69-1	--	49	U	5.5	U	3.4	U	35	U	51	U	5.4	U	5.5
AROCLOR 1260	11096-82-5	--	49	U	5.5	U	24	J	35	U	51	U	13	J	5.5
Aroclor 1262	37324-23-5	--									51	U			
Aroclor 1268	11100-14-4	--									51	U			
Polychlorinated Biphenyls	1336-36-3	10000					24						19.4		

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	e Ave.	77 Store Ave.		77 Store Ave.		77 Store Ave.		87 Store Ave.		87 Store Ave.				
		Top Depth	1	0		9		15		0		0				
		Sample Location	45	SS16		SB147		SB148		SB47		SS10				
		Sample ID	4-JR-016	SS-016~A0KK9-2~~110102		80018-SB147-0911		80018-SB148-1517		S-051904-JR-127		SS-010~A0RG2-2~~103102				
		Risk Zone	*	H*		H*		H*		H*		H*				
		Bottom Depth	5	0.25		11		17		1.6		0.25				
		Sample Date	2004	11/1/2002		10/29/2008		10/29/2008		5/19/2004		10/31/2002				
		Sample Type	N	N		N		N		N		N				
		Field Duplicate Parent														
		Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg				
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**			
AROCLOR 1016	12674-11-2	--	U	35	U	80	U	55	U	3.6	U	42	U			
AROCLOR 1221	11104-28-2	--	U	71	U	80	U	55	U	7.1	U	86	U			
AROCLOR 1232	11141-16-5	--	U	35	U	80	U	55	U	3.6	U	42	U			
AROCLOR 1242	53469-21-9	--	U	35	U	80	U	55	U	3.6	U	42	U			
AROCLOR 1248	12672-29-6	--	U	35	U	80	U	55	U	3.6	U	42	U			
AROCLOR 1254	11097-69-1	--	U	35	U	80	U	55	U	14	J	42	U			
AROCLOR 1260	11096-82-5	--	U	35	U	80	U	55	U	14	J	42	U			
Aroclor 1262	37324-23-5	--				80	U	55	U							
Aroclor 1268	11100-14-4	--				80	U	55	U							
Polychlorinated Biphenyls	1336-36-3	10000								28						

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure C
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.			
		Top Depth	0		3		5		5		10			
		Sample Location	SS19		SB47		SB20		SB20		SB20			
		Sample ID	SS-019~A0RG2-7~~103102		S-051904-JR-128		SB20-05-10~202164-008~~102102		SB20-05-10~A0RG4-10~~102102		SB20-10-15~A0RG4-14~~102102			
		Risk Zone	H*		H*		H*		H*		H*			
		Bottom Depth	0.25		6		10		10		15			
		Sample Date	10/31/2002		5/19/2004		10/21/2002		10/21/2002		10/21/2002			
		Sample Type	N		N		N		N		N			
		Field Duplicate Parent												
		Unit	ug/kg		ug/kg		ug/L		ug/kg		ug/kg			
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
AROCLOR 1016	12674-11-2	--	35	U	4.9	U	1	U	52	U	55	U		
AROCLOR 1221	11104-28-2	--	71	U	9.6	U	1	U	110	U	110	U		
AROCLOR 1232	11141-16-5	--	35	U	4.9	U	1	U	52	U	55	U		
AROCLOR 1242	53469-21-9	--	35	U	4.9	U	1	U	52	U	55	U		
AROCLOR 1248	12672-29-6	--	35	U	4.9	U	1	U	52	U	55	U		
AROCLOR 1254	11097-69-1	--	35	U	21	J	1	U	52	U	55	U		
AROCLOR 1260	11096-82-5	--	35	U	14	J	1	U	52	U	55	U		
Aroclor 1262	37324-23-5	--												
Aroclor 1268	11100-14-4	--												
Polychlorinated Biphenyls	1336-36-3	10000			35									

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		Meriden Rd.		Meriden Rd.		Used Auto Lo
		Top Depth	10		15		4		16		20		0		5		(
		Sample Location	SB47		SB149		SB193		SB47		SB47		SS118		SB128		SS
		Sample ID	S-051904-JR-129		80018-SB149-1517		80018-SB193-0410-031		S-051904-JR-132		S-051904-JR-133		80018-SS118-0002		80018-SB128-0507		S-05200
		Risk Zone	H*		H*		H*		H*		H*		D3*		D3*		D
		Bottom Depth	14		17		9		18		24		2		7		0
		Sample Date	5/19/2004		10/27/2008		3/30/2011		5/19/2004		5/19/2004		10/22/2008		10/22/2008		5/20/
		Sample Type	N		N		N		N		N		N		N		N
		Field Duplicate Parent															
		Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
AROCLOR 1016	12674-11-2	--	6.9	U	55	UJ	40	U	6.8	U	4.3	U	36	U	35	U	43
AROCLOR 1221	11104-28-2	--	13	U	55	UJ	40	U	13	U	8.4	U	36	U	35	U	83
AROCLOR 1232	11141-16-5	--	6.9	U	55	UJ	40	U	6.8	U	4.3	U	36	U	35	U	43
AROCLOR 1242	53469-21-9	--	6.9	U	55	UJ	40	U	6.8	U	4.3	U	36	U	35	U	43
AROCLOR 1248	12672-29-6	--	6.9	U	55	UJ	40	U	6.8	U	4.3	U	36	U	35	U	43
AROCLOR 1254	11097-69-1	--	6.9	U	55	UJ	40	U	18	J	3.5	J	36	U	35	U	43
AROCLOR 1260	11096-82-5	--	6.9	UJ	55	UJ	40	U	9.4	J	4.3	UJ	36	U	120		83
Aroclor 1262	37324-23-5	--			55	UJ	40	U					36	U	35	U	
Aroclor 1268	11100-14-4	--			55	UJ	40	U					36	U	35	U	
Polychlorinated Biphenyls	1336-36-3	10000							27.4		3.5				120		83

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	t Meriden Rd.	Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		
		Top Depth	)	4		0		0.5		6		
		Sample Location	38	SB200		SS38		SB38		SB38		
		Sample ID	1-DK-145	80018-SB200-0410-0311		S-052004-DK-150		S-051204-JR-025		S-051204-JR-027		
		Risk Zone	3*	D3*		D3*		D3*		D3*		
		Bottom Depth	5	9		0.5		4		10		
		Sample Date	2004	3/28/2011		5/20/2004		5/12/2004		5/12/2004		
		Sample Type	N	N		FD		N		N		
		Field Duplicate Parent				S-052004-DK-145						
		Unit	/kg	ug/kg		ug/kg		ug/kg		ug/kg		
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
AROCLOR 1016	12674-11-2	--	U	37	U	22	U	18	U	4.1	U	
AROCLOR 1221	11104-28-2	--	U	37	U	43	U	34	U	8	U	
AROCLOR 1232	11141-16-5	--	U	37	U	22	U	18	U	4.1	U	
AROCLOR 1242	53469-21-9	--	U	37	U	22	U	18	U	4.1	U	
AROCLOR 1248	12672-29-6	--	U	37	U	22	U	18	U	4.14	U	
AROCLOR 1254	11097-69-1	--	U	37	U	22	U	18	U	4.1	U	
AROCLOR 1260	11096-82-5	--		37	U	95	J	100	J	4.9	J	
Aroclor 1262	37324-23-5	--		37	U							
Aroclor 1268	11100-14-4	--		37	U							
Polychlorinated Biphenyls	1336-36-3	10000				95		100		4.9		

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
PCBs in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.	
		Top Depth	10		15	
		Sample Location	SB38		SB38	
		Sample ID	S-051204-JR-029		S-051204-JR-031	
		Risk Zone	D3*		D3*	
		Bottom Depth	15		16	
		Sample Date	5/12/2004		5/12/2004	
		Sample Type	N		N	
		Field Duplicate Parent				
		Unit	ug/kg		ug/kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	4.1	U	4.2	U
AROCLOR 1221	11104-28-2	--	7.9	U	8.1	U
AROCLOR 1232	11141-16-5	--	4.1	U	4.2	U
AROCLOR 1242	53469-21-9	--	4.1	U	4.2	U
AROCLOR 1248	12672-29-6	--	4.1	U	4.2	U
AROCLOR 1254	11097-69-1	--	4.1	U	8	J
AROCLOR 1260	11096-82-5	--	14	J	19	J
Aroclor 1262	37324-23-5	--				
Aroclor 1268	11100-14-4	--				
Polychlorinated Biphenyls	1336-36-3	10000	14		27	

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

VALUE	Indicates an exceedence of CT Direct Exposure (
VALUE	Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SPLP PCBs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.	
		Top Depth	4		4		4	
		Sample Location	SB187		SB188		SB189	
		Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		80018-DUP02-0410-0311	
		Risk Zone	J*		J*		E1*	
		Bottom Depth	10		10		10	
		Sample Date	4/4/2011		4/4/2011		4/4/2011	
		Sample Type	N		N		FD	
		Field Duplicate Parent					80018-SB189-0410-0311	
		Result Unit	ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1221	11104-28-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1232	11141-16-5	--	1.1	U	1.1	U	1.1	U
AROCLOR 1242	53469-21-9	--	1.1	U	1.1	U	1.1	U
AROCLOR 1248	12672-29-6	--	1.1	U	1.1	U	1.1	U
AROCLOR 1254	11097-69-1	--	1.1	U	1.1	U	1.1	U
AROCLOR 1260	11096-82-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1262	37324-23-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1268	11100-14-4	--	1.1	U	1.1	U	1.1	U
Polychlorinated Biphenyls	1336-36-3	5						

Notes:

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of CT GB Pollutant Mobility Factor Criteira

Appendix G
Analytical Data Summary
SPLP PCBs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	119 Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	4		4		4	
		Sample Location	SB189		SB190		SB208	
		Sample ID	80018-SB189-0410-0311		80018-SB190-0410-0311		80018-SB208-0410-0311	
		Risk Zone	E1*		E1*		E1*	
		Bottom Depth	10		9		10	
		Sample Date	4/4/2011		3/31/2011		4/4/2011	
		Sample Type	N		N		N	
		Field Duplicate Parent						
		Result Unit	ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1221	11104-28-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1232	11141-16-5	--	1.1	U	1.1	U	1.1	U
AROCLOR 1242	53469-21-9	--	1.1	U	1.1	U	1.1	U
AROCLOR 1248	12672-29-6	--	1.1	U	1.1	U	1.1	U
AROCLOR 1254	11097-69-1	--	1.1	U	1.1	U	1.1	U
AROCLOR 1260	11096-82-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1262	37324-23-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1268	11100-14-4	--	1.1	U	1.1	U	1.1	U
Polychlorinated Biphenyls	1336-36-3	5						

Notes:

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of CT GB Pollutant Mobility Factor Criteira

Appendix G
Analytical Data Summary
SPLP PCBs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	120 Store Ave.		136 Store Ave.		136 Store Ave.	
		Top Depth	4		4		4	
		Sample Location	SB204		SB205		SB206	
		Sample ID	80018-SB204-0410-0311		80018-SB205-0410-0311		80018-SB206-0410-0311	
		Risk Zone	E2*		E3*		E3*	
		Bottom Depth	9		10		10	
		Sample Date	3/31/2011		4/4/2011		4/4/2011	
		Sample Type	N		N		N	
		Field Duplicate Parent						
		Result Unit	ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1221	11104-28-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1232	11141-16-5	--	1.1	U	1.1	U	1.1	U
AROCLOR 1242	53469-21-9	--	1.1	U	1.1	U	1.1	U
AROCLOR 1248	12672-29-6	--	1.1	U	1.1	U	1.1	U
AROCLOR 1254	11097-69-1	--	1.1	U	1.1	U	1.1	U
AROCLOR 1260	11096-82-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1262	37324-23-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1268	11100-14-4	--	1.1	U	1.1	U	1.1	U
Polychlorinated Biphenyls	1336-36-3	5						

Notes:

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of CT GB Pollutant Mobility Factor Criteira

Appendix G
Analytical Data Summary
SPLP PCBs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	17 Dunbar St.		235 Meriden Rd.		265 Meriden Rd.	
		Top Depth	4		4		4	
		Sample Location	SB192		SB197		SB198	
		Sample ID	80018-SB192-0410-0311		80018-SB197-0410-0311		80018-SB198-0410-0311	
		Risk Zone	D1*		G*		G*	
		Bottom Depth	9		9		9	
		Sample Date	3/31/2011		3/29/2011		3/28/2011	
		Sample Type	N		N		N	
		Field Duplicate Parent						
		Result Unit	ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1221	11104-28-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1232	11141-16-5	--	1.1	U	1.1	U	1.1	U
AROCLOR 1242	53469-21-9	--	1.1	U	1.1	U	1.1	U
AROCLOR 1248	12672-29-6	--	1.1	U	1.1	U	1.1	U
AROCLOR 1254	11097-69-1	--	1.1	U	1.1	U	1.1	U
AROCLOR 1260	11096-82-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1262	37324-23-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1268	11100-14-4	--	1.1	U	1.1	U	1.1	U
Polychlorinated Biphenyls	1336-36-3	5						

Notes:

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of CT GB Pollutant Mobility Factor Criteira

Appendix G
Analytical Data Summary
SPLP PCBs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	27 Newman Ave.		281 Meriden Rd.		41 Dunbar St.	
		Top Depth	4		4		4	
		Sample Location	SB207		SB199		SB191	
		Sample ID	80018-SB207-0410-0311		80018-SB199-0410-0311		80018-SB191-0410-0311	
		Risk Zone	F*		D3*		D1*	
		Bottom Depth	9		9		9	
		Sample Date	3/30/2011		3/28/2011		3/31/2011	
		Sample Type	N		N		N	
		Field Duplicate Parent						
		Result Unit	ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1221	11104-28-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1232	11141-16-5	--	1.1	U	1.1	U	1.1	U
AROCLOR 1242	53469-21-9	--	1.1	U	1.1	U	1.1	U
AROCLOR 1248	12672-29-6	--	1.1	U	1.1	U	1.1	U
AROCLOR 1254	11097-69-1	--	1.1	U	1.1	U	1.1	U
AROCLOR 1260	11096-82-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1262	37324-23-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1268	11100-14-4	--	1.1	U	1.1	U	1.1	U
Polychlorinated Biphenyls	1336-36-3	5						

Notes:

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of CT GB Pollutant Mobility Factor Criteira

Appendix G
Analytical Data Summary
SPLP PCBs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	50 Store Ave.		50 Store Ave.		50 Store Ave.	
		Top Depth	4		4		4	
		Sample Location	SB201		SB202		SB203	
		Sample ID	80018-SB201-0410-0311		80018-SB202-0410-0311		80018-DUP01-0410-0311	
		Risk Zone	I*		I*		I*	
		Bottom Depth	9		9		9	
		Sample Date	3/29/2011		3/29/2011		3/29/2011	
		Sample Type	N		N		FD	
		Field Duplicate Parent					80018-SB203-0410-0311	
		Result Unit	ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	1.1	U	1	U	1.1	U
AROCLOR 1221	11104-28-2	--	1.1	U	1	U	1.1	U
AROCLOR 1232	11141-16-5	--	1.1	U	1	U	1.1	U
AROCLOR 1242	53469-21-9	--	1.1	U	1	U	1.1	U
AROCLOR 1248	12672-29-6	--	1.1	U	1	U	1.1	U
AROCLOR 1254	11097-69-1	--	1.1	U	1	U	1.1	U
AROCLOR 1260	11096-82-5	--	1.1	U	1	U	1.1	U
Aroclor 1262	37324-23-5	--	1.1	U	1	U	1.1	U
Aroclor 1268	11100-14-4	--	1.1	U	1	U	1.1	U
Polychlorinated Biphenyls	1336-36-3	5						

Notes:

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of CT GB Pollutant Mobility Factor Criteira

Appendix G
Analytical Data Summary
SPLP PCBs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	50 Store Ave.		55 Store Ave.		87 Store Ave.	
		Top Depth	4		4		4	
		Sample Location	SB203		SB194		SB193	
		Sample ID	80018-SB203-0410-0311		80018-SB194-0410-0311		80018-SB193-0410-0311	
		Risk Zone	I*		H*		H*	
		Bottom Depth	9		9		9	
		Sample Date	3/29/2011		3/29/2011		3/30/2011	
		Sample Type	N		N		N	
		Field Duplicate Parent						
		Result Unit	ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1221	11104-28-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1232	11141-16-5	--	1.1	U	1.1	U	1.1	U
AROCLOR 1242	53469-21-9	--	1.1	U	1.1	U	1.1	U
AROCLOR 1248	12672-29-6	--	1.1	U	1.1	U	1.1	U
AROCLOR 1254	11097-69-1	--	1.1	U	1.1	U	1.1	U
AROCLOR 1260	11096-82-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1262	37324-23-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1268	11100-14-4	--	1.1	U	1.1	U	1.1	U
Polychlorinated Biphenyls	1336-36-3	5						

Notes:

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of CT GB Pollutant Mobility Factor Criteira

Appendix G
Analytical Data Summary
SPLP PCBs in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Location Address	9 Store Ave.		9 Store Ave.		Used Auto Lot Meriden Rd.	
		Top Depth	4		4		4	
		Sample Location	SB195		SB196		SB200	
		Sample ID	80018-SB195-0410-0311		80018-SB196-0410-0311		80018-SB200-0410-0311	
		Risk Zone	F*		F*		D3*	
		Bottom Depth	9		9		9	
		Sample Date	3/30/2011		3/31/2011		3/28/2011	
		Sample Type	N		N		N	
		Field Duplicate Parent						
		Result Unit	ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1221	11104-28-2	--	1.1	U	1.1	U	1.1	U
AROCLOR 1232	11141-16-5	--	1.1	U	1.1	U	1.1	U
AROCLOR 1242	53469-21-9	--	1.1	U	1.1	U	1.1	U
AROCLOR 1248	12672-29-6	--	1.1	U	1.1	U	1.1	U
AROCLOR 1254	11097-69-1	--	1.1	U	1.1	U	1.1	U
AROCLOR 1260	11096-82-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1262	37324-23-5	--	1.1	U	1.1	U	1.1	U
Aroclor 1268	11100-14-4	--	1.1	U	1.1	U	1.1	U
Polychlorinated Biphenyls	1336-36-3	5						

Notes:

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

µg/L - Micrograms per Liter (part per billion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

B - Substance was detected in a blank sample

VALUE Indicates an exceedence of CT GB Pollutant Mobility Factor Criteira

Appendix G
Analytical Data Summary
Dioxins/Furans in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.		41 Dunbar St.	
			Top Depth	2		2		5		10		5		5		5	
			Sample Location	CAP03		CAP04		CAP04		SB171		SB150		SB153		SB112	
			Sample ID	80018-CAP03-0204		80018-CAP04-0204		80018-CAP04-0507		80018-SB171-2-1012		80018-SB150-0507		80018-SB153-2-0507		80018-SB112-0507	
			Risk Zone	J*		J*		J*		J*		E1*		E1*		D1*	
			Bottom Depth	4		4		7		12		7		7		7	
			Sample Date	11/11/2008		11/11/2008		11/11/2008		11/11/2008		10/23/2008		11/4/2008		11/5/2008	
			Sample Type	N		N		N		N		N		N		N	
			Field Duplicate Parent														
			Unit	ng/Kg		ng/Kg		ng/Kg		ng/Kg		ng/Kg		ng/Kg		ng/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**EPA Residential RSL**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	--	--	80.2		192		362		89.4		249	J	85.1	J	8.14	J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	--	--	567		1260		1250		1890		2050	J	428	J	70.4	J
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	--	--	80.1		123		236		44.2		81.1	J	80.7	J	7.89	J
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	35822-46-9	--	--	77.9		141		161		119		179	J	74.7	J	7.34	J
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	--	--	7.81		14.1		30.6		4.51		5	J	4.03	J	0.632	J
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	--	--	26.3		34.2		64.7		3.29		8.12	J	6.75	J	1.14	J
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	39227-28-6	--	--	1.76	J	3.02		4.03		0.782	J	1.49	J	1.23	J	0.217	J
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	--	--	14.2		16.1		25.8		2.83		7.43	J	5.94	J	1.37	J
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	57653-85-7	--	--	8.73		11.5		14		5.4		9.14	J	11.5	J	0.776	J
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	--	--	8.41		6.57		8.12		1.33	J	2.61	J	2.56	J	0.428	J
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	19408-74-3	--	--	4.29		6.5		8.15		1.79	J	3.82	J	3.13	J	0.491	J
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	--	--	7.67		6.74		9.12		1.17	J	2.39	J	2.07	J	0.559	J
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	40321-76-4	--	--	2.19	J	3.03		3.5		0.612	J	1.43	J	1.44	J	0.282	J
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	--	--	13	J	16.4	J	21.9	J	3.78	J	10.5	J	8.33	J	1.62	J
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	--	--	25.2		17.4		22.7		2.63		4.91	J	4.04	J	1.29	J
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	--	--	40.9		12.9		16.5		2.8		4.17	J	2.23	J	0.65	J
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	1746-01-6	--	4.5	0.778		0.798		0.819		0.0719	U	0.392	J	0.353	J	0.186	UJ
Heptachlorodibenzofuran (total)	38998-75-3	--	--	139	J	250	J	433	J	149	J	238	J	179	J	12.6	J
Heptachlorodibenzo-p-dioxin (total)	37871-00-4	--	--	156	J	305	J	342	J	244	J	346	J	156	J	16.6	J
Hexachlorodibenzofuran (total)	55684-94-1	--	--	161	J	227	J	339	J	56.3	J	158	J	124	J	17.9	J
Hexachlorodibenzo-p-dioxin (total)	34465-46-8	--	94	62.4	J	101	J	125	J	44.7	J	56.5	J	62	J	8.51	J
Pentachlorodibenzofuran (total)	30402-15-4	--	--	202	J	255	J	344	J	34.8	J	205	J	126	J	38.1	J
Pentachlorodibenzo-p-dioxin (total)	36088-22-9	--	--	28.9	J	48.5	J	58.9	J	13.8	J	20.2	J	21.3	J	5.44	J
Tetrachlorodibenzo(p)dioxin (total)	41903-57-5	--	--	17.6	J	24	J	30.4	J	5.83	J	9.6	J	8.83	J	1.79	J
Tetrachlorodibenzofuran (total)	55722-27-5	--	--	234	J	185	J	255	J	34.2	J	98.6	J	69.6	J	30.4	J
Toxicity Equivalency	TEF	--	4.5	24.4		23.2		32.5		5.91		11.4		8.98		1.54	J

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.

ng/Kg - Nanograms per Kilogram (part per trillion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
	Indicates an exceedence of EPA Regional Screening Level

Appendix G
Analytical Data Summary
Dioxins/Furans in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Address	120 Store Ave.		87 Store Ave.		Used Auto Lot Meriden Rd.	
			Top Depth	5		15		15	
			Sample Location	SB155		SB149		SB38	
			Sample ID	80018-SB155-2-0507		80018-SB149-1516		S-18291-051204-JR-031	
			Risk Zone	E2*		H*		D3*	
			Bottom Depth	7		16		18	
			Sample Date	11/11/2008		11/5/2008		5/12/2004	
			Sample Type	N		N		N	
			Field Duplicate Parent						
			Unit	ng/Kg		ng/Kg		pg/g	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**EPA Commercial RSL**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	--	--	113		115	J	6.9	JEB
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	--	--	668		179	J	160	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	--	--	53.1		53	J	17	EB
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	35822-46-9	--	--	77.1		30.7	J	15	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	--	--	3.25		6.42	J	0.39	U
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	--	--	5.32		10.8	J	5.7	EB
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	39227-28-6	--	--	0.997	J	1.09	J	0.3	U
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	--	--	3.36		7.1	J	1.1	JEB
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	57653-85-7	--	--	3.91		4.67	J	1.3	U
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	--	--	1.26	J	2.89	J	0.15	U
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	19408-74-3	--	--	2.5	J	2.63	J	0.4	U
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	--	--	1.86	J	3.35	J	0.41	JEB
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	40321-76-4	--	--	0.918	J	1.45	J	0.15	U
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	--	--	3.93	J	8.75	J	0.79	U
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	--	--	2.63		3.99	J	1	U
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	--	--	1.94		2.45	J	0.52	
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	1746-01-6	--	18	0.0658	U	0.33	J	0.2	U
Heptachlorodibenzofuran (total)	38998-75-3	--	--	112	J	90.6	J		
Heptachlorodibenzo-p-dioxin (total)	37871-00-4	--	--	182	J	56.4	J		
Hexachlorodibenzofuran (total)	55684-94-1	--	--	59.2	J	115	J		
Hexachlorodibenzo-p-dioxin (total)	34465-46-8	--	390	33.1	J	34.3	J		
Pentachlorodibenzofuran (total)	30402-15-4	--	--	61.7	J	155	J		
Pentachlorodibenzo-p-dioxin (total)	36088-22-9	--	--	12.3	J	20.8	J		
Tetrachlorodibenzo(p)dioxin (total)	41903-57-5	--	--	5.43	J	11.3	J		
Tetrachlorodibenzofuran (total)	55722-27-5	--	--	40	J	77.2	J		
Toxicity Equivalency	TEF	--	18	5.65		8.1			

Notes:

CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP Appendix A

CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010.

ng/Kg - Nanograms per Kilogram (part per trillion)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

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R - Value is rejected and not usable

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	0		0		0		0		0		0	
		Sample Location	MW3D		SB07		SB07		SB08		SB15		SB16	
		Sample ID	S-052704-JR-175		SB07-00-05~47179~~100902		SB0700-05~47180~~100902		SB08-00-05~47185~~100902		SB15-00-05~47197~~101102		SB16-00-01~P4842-21~~102302	
		Risk Zone	J*		J*		J*		J*		J*		J*	
		Bottom Depth	2		5		5		5		5		1	
		Sample Date	5/27/2004		10/9/2002		10/9/2002		10/9/2002		10/11/2002		10/23/2002	
		Sample Type	N		N		N		N		N		N	
		Field Duplicate Parent												
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	9130		7340	*	11100	*	6760	*	7680		9760	
ANTIMONY	7440-36-0	27	15	U	0.9401	U	0.9313	U	0.9512	U	1.27	BN	0.8493	U
ARSENIC	7440-38-2	10	3.6		8.3		1.6	B	2.7		0.9	B	3	*
BARIUM	7440-39-3	4700	55.4		81.7		59.8		47.5	B	75.6		35.9	B
BERYLLIUM	7440-41-7	2	2.6	U	0.39	B	0.27	B	0.35	B	0.18	B	0.5	B
CADMIUM	7440-43-9	34	3.8	U	1.7		0.37	B	0.65	B	1.41		0.18	B
CALCIUM	7440-70-2	--			2930		583	B	2390		4230	*	1310	
CHROMIUM	7440-47-3	3900	13.1		16.9	*	26.3	*	23.6	*	19.3		11.9	
COBALT	7440-48-4	--	5		6.3	B	10.3	B	4.8	B	8	B	6.3	B
COPPER	7440-50-8	2500	62.8		**3960**	*	24.4	*	488	*	531	*	754	*E
CYANIDE	57-12-5	1400	0.55	U		R		R		R	0.1	U	0.07	U
IRON	7439-89-6	--			15900	*	21000	*	9010	*	14700		14600	*
LEAD	7439-92-1	500	29.1	J	188	*E	4.3	*E	78.7	*E	50.3	*	48	
MAGNESIUM	7439-95-4	--			2560		5070		2540		3900		2180	
MANGANESE	7439-96-5	--			261		442		218		269	*	353	
MERCURY	7439-97-6	20	0.068		0.23		0.06	U	0.11	B	0.2		0.1225	U
NICKEL	7440-02-0	1400	12.8		51.2		16.3		27.6		38.2	N	24.5	
POTASSIUM	7440-09-7	--			1370		4630		947	B	2980		826	BE
SELENIUM	7782-49-2	340	20.5	U	0.7991	U	0.7916	U	0.8086	U	0.7727	U	0.728	U
SILVER	7440-22-4	340	3.8	U	0.79	B	0.2095	U	0.3	B	0.2045	U	0.62	BN
SODIUM	7440-23-5	--			1700		812	B	667	B	472	B	114.7835	U
THALLIUM	7440-28-0	5.4	28.2	U	1.4336	U	2	B	1.4507	U	1.3864	U	0.7523	U
VANADIUM	7440-62-2	470	27.5		257	*	40.3	*	109	*	167.7	N	48.4	
ZINC	7440-66-6	20000	84.6		1630	*	44.4	*	315	*	352.4	*	187	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
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VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	4		4		0		0		0	
		Sample Location	SB187		SB188		SB22		SB23		SB24	
		Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		SB22-00-05~47193-3~~101002		SB23-00-05~47189~~101002		SB24-00-05~47191~~101002	
		Risk Zone	J*		J*		J*		J*		J*	
		Bottom Depth	10		10		5		5		5	
		Sample Date	4/4/2011		4/4/2011		10/10/2002		10/10/2002		10/10/2002	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	7970		4400		6500		6600		7620	
ANTIMONY	7440-36-0	27	0.73	J	3.7	J	0.8772	UN	0.882	UN	0.9153	UN
ARSENIC	7440-38-2	10	2.3		4.1		2.2	B	2.1	B	2.5	
BARIUM	7440-39-3	4700	88.1		74		46.7		62		43.5	B
BERYLLIUM	7440-41-7	2	0.54		0.61		0.28	B	0.24	B	0.29	B
CADMIUM	7440-43-9	34	2.1		12.6		3		1.5		0.9	B
CALCIUM	7440-70-2	--	4540		2020		4320	*	8570	*	5240	*
CHROMIUM	7440-47-3	3900	29.5		22.1		12.1		84.6		19.1	
COBALT	7440-48-4	--	5.5		3.7	J	5.6	B	6.7	B	5.9	B
COPPER	7440-50-8	2500	1680		**9820**		482	*	2180	*	452	*
CYANIDE	57-12-5	1400	0.59	U	1.6		0.09	U	0.09	U	0.1	U
IRON	7439-89-6	--	15800		11100		10600		11700		11500	
LEAD	7439-92-1	500	110		**755**		68.9	*	88	*	51	*
MAGNESIUM	7439-95-4	--	2950		1660		3080		3200		2420	
MANGANESE	7439-96-5	--	276		158		228	*	229	*	270	*
MERCURY	7439-97-6	20	0.17		0.2		0.15		0.15		0.19	
NICKEL	7440-02-0	1400	62.8		77.6		23	N	120.2	N	21	N
POTASSIUM	7440-09-7	--	1500		952		1300		1520		1120	B
SELENIUM	7782-49-2	340	3.1		2.4	J	0.7456	U	0.7497	U	0.778	U
SILVER	7440-22-4	340	0.42	J	2.3		0.95	B	0.5	B	0.2059	U
SODIUM	7440-23-5	--	154	J	146	J	1260		1010	B	657	B
THALLIUM	7440-28-0	5.4	2	U	2.1	U	1.3377	U	1.3451	U	1.3959	U
VANADIUM	7440-62-2	470	242		72.7		69	N	468	N	27.8	N
ZINC	7440-66-6	20000	852		8050		864	*	686	*	333	*

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
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VALUE Indicates an exceedence of CT Direct Exposure Criteria
VALUE Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	0		0		0		0		0	
		Sample Location	SB28		SB48		SS05		SS11		SS20	
		Sample ID	SB28-00-03~P4842-20~~102302		S-051804-JR-098		SS-05~47165~~100802		SS-011~P4845-01~~102402		KSS020~P4845-13~FDOFMA0SQ4~102402	
		Risk Zone	J*		J*		J*		J*		J*	
		Bottom Depth	3		2		0.25		0.25		0.25	
		Sample Date	10/23/2002		5/18/2004		10/8/2002		10/24/2002		10/24/2002	
		Sample Type	N		N		N		N		FD	
		Field Duplicate Parent									SS-020~P4845-12~FDOFMA0SQ0~102402	
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	9310		14000		7240	*	10200		8950	
ANTIMONY	7440-36-0	27	0.83	U	17.3	UJ	0.8899	U	0.8163	U	0.8159	U
ARSENIC	7440-38-2	10	3	*	4.9		3.5		6.2		5.5	
BARIUM	7440-39-3	4700	59.5		107		34	B	43.9	B	46.9	
BERYLLIUM	7440-41-7	2	0.53	B	3	U	0.36	B	0.49	B	0.48	B
CADMIUM	7440-43-9	34	0.51	B	1.8	J	0.16	B	0.0933	U	0.17	B
CALCIUM	7440-70-2	--	1400				757	B	1060	B	1110	B
CHROMIUM	7440-47-3	3900	12.8		17.2		7.6	*	12.7		14.5	
COBALT	7440-48-4	--	6.5	B	6.4		4.2	B	5.6	B	5.5	B
COPPER	7440-50-8	2500	291	*E	152		13.9	*				
CYANIDE	57-12-5	1400	0.07	U	0.62	UJ		R	0.41	B	0.39	B
IRON	7439-89-6	--	14200	*			7890	*	12600		11900	
LEAD	7439-92-1	500	79.1		187		7.9	*E	13.2		31.6	
MAGNESIUM	7439-95-4	--	2940				1700		2330		2290	
MANGANESE	7439-96-5	--	216				284		306		287	
MERCURY	7439-97-6	20	0.26		0.59		0.06	U	0.1178	U	0.111	U
NICKEL	7440-02-0	1400	16.8		20.7		9		12		12.6	
POTASSIUM	7440-09-7	--					611	B	627	BE	800	BE
SELENIUM	7782-49-2	340	0.7114	U	23.7	UJ	0.7564	U	1.2		0.6993	U
SILVER	7440-22-4	340	0.6	BN	4.4	U	0.2002	U	0.43	BN	0.43	BN
SODIUM	7440-23-5	--	112.1717	U			405	B	110.322	U	110.2564	U
THALLIUM	7440-28-0	5.4	0.7352	U	32.6	U	1.3571	U	1.2	B	0.7226	U
VANADIUM	7440-62-2	470	24.2		28		14.1	*	23.3		26.2	
ZINC	7440-66-6	20000	328		394		21.1	*	53.1		102	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
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Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	0		0		0		0		0		0	
		Sample Location	SS20		SS21		SS21		SS-23		SS-24		SS-25	
		Sample ID	SS-020~P4845-12~FDOFMA0SQ0~102402		KSS-021~51155.2~FDOFMA0SQ4~103102		SS-021~51155.1~FDOFMA0T37~103102		MAMH69		MAMH71		MAMH73	
		Risk Zone	J*		J*		J*		J*		J*		J*	
		Bottom Depth	0.25		0.25		0.25		0.5		0.5		0.5	
		Sample Date	10/24/2002		10/31/2002		10/31/2002		4/28/1999		4/28/1999		4/28/1999	
		Sample Type	N		FD		N		N		N		N	
		Field Duplicate Parent			SS-021~51155.1~FDOFMA0T37~103102									
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	9710		6360		6520		10500	J	11600	J	9510	J
ANTIMONY	7440-36-0	27	0.8187	U	1.4	B	3.6	B		R		R		R
ARSENIC	7440-38-2	10	5.6		3		2.8		4.8	J	5.8	J	1.2	UJ
BARIUM	7440-39-3	4700	55.4		45.9	B	54.4		46.4	J	49.4	J	72.8	J
BERYLLIUM	7440-41-7	2	0.51	B	1.6		0.96	B	0.45	J	0.49	J	0.2	UJ
CADMIUM	7440-43-9	34	0.3	B	1.6		1.5		0.1	UJ	0.1	UJ	8.8	J
CALCIUM	7440-70-2	--	1230		3510		3300		1000	J	929	J	7490	J
CHROMIUM	7440-47-3	3900	16		488		618		12.4	J	13.5	J	**12900**	J
COBALT	7440-48-4	--	6.1	B	5.5	B	5.4	B	4.8	J	5.1	J	8.8	J
COPPER	7440-50-8	2500			1326		1580		20.7	UJ	17.7	UJ	**27000**	J
CYANIDE	57-12-5	1400	0.39	B	0.35	B	0.13	U	0.07	UJ	0.3	UJ	1.4	UJ
IRON	7439-89-6	--	13100		11000		12100		11200	J	13100	J	16400	J
LEAD	7439-92-1	500	47.9		90.5		91.8		13.3	UJ	13.3	UJ	**621**	J
MAGNESIUM	7439-95-4	--	2560		2540		2510		2490	J	2560	J	1860	J
MANGANESE	7439-96-5	--	296		188		196		268	J	324	J	290	J
MERCURY	7439-97-6	20	0.117	U	0.23		0.2		0.06	UJ	0.06	UJ	0.65	UJ
NICKEL	7440-02-0	1400	14.5		167		156		9.9	J	10.9	J	**1780**	J
POTASSIUM	7440-09-7	--	840	BE	1150	B	1490		716	J	753	J	948	J
SELENIUM	7782-49-2	340	0.7018	U	0.7298	U	0.776	U	0.71	UJ	0.71	UJ	0.84	UJ
SILVER	7440-22-4	340	0.48	BN	0.27	B	0.27	B	0.67	J	0.92	J	2.9	J
SODIUM	7440-23-5	--	110.6433	U	356	B	391	B	189	UJ	187	UJ	29.2	UJ
THALLIUM	7440-28-0	5.4	0.7251	U	1.8	B	1.7	B	1.3	UJ	1.3	UJ	1.6	UJ
VANADIUM	7440-62-2	470	32.6		466		244		21	J	23.8	J	160	J
ZINC	7440-66-6	20000	151		871		871		36.8	J	37.5	J	13600	J

Notes:
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Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	0		0		0		0		0.5		0.5		0.5		0.5		0.5	
		Sample Location	SS-25		SS-26		SS-27		SS28		SS150		SS150		SS-23		SS-24		SS-25	
		Sample ID	MAMH75		MAMH76		MAMH79		SS-028~51169~~110102		80018-SS-DUP03-1010		80018-SS-SS150-1010		MAMH70		MAMH72		MAMH74	
		Risk Zone	J*		J*		J*		J*		J*		J*		J*		J*		J*	
		Bottom Depth	0.5		0.5		0.5		0.25		1		1		2		2		2	
		Sample Date	4/28/1999		4/28/1999		4/28/1999		11/1/2002		10/5/2010		10/5/2010		4/28/1999		4/28/1999		4/28/1999	
		Sample Type	FD		N		N		N		FD		N		N		N		N	
		Field Duplicate Parent	MAMH73								80018-SS-SS150-1010									
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	8090	J	4340	J	5970	J	7510		11637		10533		5030	J	4080	J	7950	J
ANTIMONY	7440-36-0	27		R		R		R	0.6536	U	6	UJ	6	UJ	0.52	UJ		R		R
ARSENIC	7440-38-2	10		R	1.7	J	2.5	J	2.7		2.2		2.3		1.4	J	0.96	UJ	1.3	UJ
BARIUM	7440-39-3	4700	67.8	J	38.9	J	142	J	22.5	B	93.5	J	86.6	J	49.4	J	46.4	J	72.3	J
BERYLLIUM	7440-41-7	2	0.26	UJ	0.18	UJ	0.37	J	0.24	B	0.68	U	0.65	U	0.24	UJ	0.3	UJ	0.06	UJ
CADMIUM	7440-43-9	34	8.1	J	0.69	J	3.7	J	0.2179	U	0.39	J	0.41	J	0.79	J	0.09	UJ	12.8	J
CALCIUM	7440-70-2	--	6080	J	3050	J	10900	J	265	B	2361		1726		1510	J	3340	J	5150	J
CHROMIUM	7440-47-3	3900	**11200**	J	38.8	J	34.6	J	7		34.3		46.6		20.2	J	10.1	J	**19200**	J
COBALT	7440-48-4	--	7.8	J	3.4	J	4.3	J	3.7	B	12.4		11.8		4	J	4.2	J	10.3	J
COPPER	7440-50-8	2500	**28800**	J	262	J	1910	J	12.8		821		1102		869	J	38.1	UJ	**35300**	J
CYANIDE	57-12-5	1400	0.08	UJ	0.07	UJ	0.07	UJ	0.11	U					0.07	UJ	0.18	UJ	8.1	J
IRON	7439-89-6	--	15500	J	8300	J	10200	J	8400		20376		19161		8640	J	7090	J	18300	J
LEAD	7439-92-1	500	**746**	J	66.9	J	**506**	J	11.1		116		97.2		124	J	8.2	UJ	**562**	J
MAGNESIUM	7439-95-4	--	1790	J	1850	J	3860	J	1270		4636		4128		1990	J	2570	J	1820	J
MANGANESE	7439-96-5	--	241	J	117	J	249	J	317		223		219		167	J	275	J	300	J
MERCURY	7439-97-6	20	0.44	UJ	0.25	UJ	0.34	UJ	0.07	B	0.11	J	0.17		0.13	UJ	0.1	UJ	0.36	UJ
NICKEL	7440-02-0	1400	**1580**	J	56.5	J	85.9	J	9.4		61.1	J	66.4	J	59.4	J	10.8	J	**2460**	J
POTASSIUM	7440-09-7	--	849	J	1020	J	964	J	388	B	3850		3512		993	J	943	J	958	J
SELENIUM	7782-49-2	340	0.85	UJ	0.72	UJ	0.72	UJ	0.6536	UN	1.1	J	0.94	J	0.66	UJ	0.69	UJ	0.93	UJ
SILVER	7440-22-4	340	3.4	J	0.6	J	2.9	J	0.2179	U	1	J	0.77	J	2.1	J	0.42	J	3.2	J
SODIUM	7440-23-5	--	29.5	UJ	168	UJ	140	UJ	314	BE	136	J	84.1	J	158	UJ	156	UJ	32.4	UJ
THALLIUM	7440-28-0	5.4	1.6	UJ	1.3	UJ	1.3	UJ	0.84	B	3.4	UJ	3.2	UJ	1.2	UJ	1.3	UJ	1.7	UJ
VANADIUM	7440-62-2	470	180	J	203	J	49.5	J	12.4		162		171		61.5	J	20	J	68.9	J
ZINC	7440-66-6	20000	14000	J	220	J	2330	J	19.3	EN	268	J	283	J	539	J	41.9	J	18400	J

Notes:
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VALUE Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	0.5		0.5		3		4		4		5		5		5	
		Sample Location	SS-26		SS-27		SB48		MW3D		SB21		SB08		SB169		SB23	
		Sample ID	MAMH77		MAMH80		S-051804-JR-099		S-052704-JR-176		SB-21-04-06~47111~~100402		SB08-05-10~47186~~100902		80018-SB169-0507		SB23-05-10~47190~~101002	
		Risk Zone	J*		J*		J*		J*		J*		J*		J*		J*	
		Bottom Depth	2		2		4		8		6		10		7		10	
		Sample Date	4/28/1999		4/28/1999		5/18/2004		5/27/2004		10/4/2002		10/9/2002		10/27/2008		10/10/2002	
		Sample Type	N		N		N		N		N		N		N		N	
		Field Duplicate Parent																
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	5670	J	5910	J	7790		6140		8160		10500	*	15500		11300	
ANTIMONY	7440-36-0	27	2.3	UJ	1.2	UJ	21.8	UJ	1.6	J	1.5	J	0.9864	U		R	0.96	UN
ARSENIC	7440-38-2	10	**10.3**	J	6.1	J	2.7	J	3.9		**16.7**	EB	1.2	B	3.4		1.6	B
BARIUM	7440-39-3	4700	63.8	J	131	J	31		229		1230		72.6		93.3		55	
BERYLLIUM	7440-41-7	2	0.29	UJ	0.36	UJ	3.7	U	2.6	U	**2.5**		0.47	B	0.31	J	0.4	B
CADMIUM	7440-43-9	34	2	J	2.6	J	5.6	U	12.3		0.4		0.15	B	0.98	J	0.2	B
CALCIUM	7440-70-2	--	13700	J	7900	J					16700		950	B	3300		4050	*
CHROMIUM	7440-47-3	3900	24.2	J	36.8	J	17.2		354		11.8	EB	14.8	*	26		30	
COBALT	7440-48-4	--	5.2	J	9.2	J	1.8		8		9.1		4.1	B	7.2	J	10	B
COPPER	7440-50-8	2500	1120	J	**6810**	J	60.7		**3980**		81.6	J	32.7	*	51.8		18	*
CYANIDE	57-12-5	1400	0.07	UJ	0.07	UJ	0.79	UJ	0.17		0.14	UJ		R	4.5	U	0.1	U
IRON	7439-89-6	--	11500	J	15500	J					5440		9390	*	29200		19200	
LEAD	7439-92-1	500	104	J	**583**	J	79.1		**652**	J	14.4	J	12.9	*E	18.2	J	7	*
MAGNESIUM	7439-95-4	--	2830	J	2840	J					850		2520		7670		5320	
MANGANESE	7439-96-5	--	208	J	200	J					84.8	J	77.1		292		148	*
MERCURY	7439-97-6	20	0.15	UJ	0.99	UJ	0.19		4.9	#	0.12	J	0.06	U	0.069	J	0.0603	U
NICKEL	7440-02-0	1400	86	J	757	J	6.3		93.6		32.2		8.7	B	15		21	N
POTASSIUM	7440-09-7	--	1460	J	915	J					1700	EB	1160	B	5680		3010	
SELENIUM	7782-49-2	340	0.71	UJ	0.73	UJ	29.9	UJ	21	U	1.1	UJ	0.8385	U	6.4	U	0.8203	U
SILVER	7440-22-4	340	1	J	13.9	J	5.6	U	2.2	J	0.2951	U	0.2219	U	0.86	J	0.2171	U
SODIUM	7440-23-5	--	212	UJ	128	UJ					812	JEB	603	B	129	J	536	B
THALLIUM	7440-28-0	5.4	1.3	UJ	1.4	UJ	41.1	U	28.9	U	2	U	1.5043	U	4.5	UJ	1.4717	U
VANADIUM	7440-62-2	470	**474**	J	82.4	J	25.9		132		133		28.4	*	71.5		48	N
ZINC	7440-66-6	20000	664	J	2490	J	96		2950		115		39.1	*	170		50	*

Notes:
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Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	5		6		10		10		10		10	
		Sample Location	SB24		SB48		SB14		SB15		SB171		SB21	
		Sample ID	SB24-05-10~47192~~101002		S-051804-JR-100		SB14-10-15~47178-1~~100902		SB15-10-15~47196~~101102		80018-SB171-1012		SB21-10-15~47302~~101402	
		Risk Zone	J*		J*		J*		J*		J*		J*	
		Bottom Depth	10		10		15		15		12		15	
		Sample Date	10/10/2002		5/18/2004		10/9/2002		10/11/2002		10/27/2008		10/14/2002	
		Sample Type	N		N		N		N		N		N	
		Field Duplicate Parent												
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	8670		5260		9110	*	8610		9510		5140	*
ANTIMONY	7440-36-0	27	1.0825	UN	15.2	UJ	1.1315	U	0.9357	UN		R	1.626	U
ARSENIC	7440-38-2	10	1.8	B	10.4	U	1.8	B	2.6		4.2		**15.9**	
BARIUM	7440-39-3	4700	75.6		34.5		73.3		37.7	B	87.3		891	*
BERYLLIUM	7440-41-7	2	0.34	B	2.6	U	0.61	B	0.34	B	0.46	J	1.8	B
CADMIUM	7440-43-9	34	1	B	3.9	U	0.44	B	0.21	B	2	J	0.2439	U
CALCIUM	7440-70-2	--	2150	*			1800		1200	*	5310		1740	B
CHROMIUM	7440-47-3	3900	16.5		5.7		17.1	*	16.4		28.6		11.9	*
COBALT	7440-48-4	--	8.6	B	3.8		7	B	7.4	B	7.2	J	6.8	B
COPPER	7440-50-8	2500	65	*	12.9		1120	*	21.7	*	621		83.7	N*E
CYANIDE	57-12-5	1400	0.12	U	0.044	J		R	0.1	U	4.5	U		R
IRON	7439-89-6	--	18600				13100	*	17700		15900		8820	*
LEAD	7439-92-1	500	19	*	2.6		64.8	*E	4.5	*	119	J	14.8	N*
MAGNESIUM	7439-95-4	--	3500				3330		3380		4140		548	B
MANGANESE	7439-96-5	--	203.9	*			189		296	*	406		71.6	*
MERCURY	7439-97-6	20	0.08	B	0.046	U	0.07	U	0.09	B	0.31		0.1016	U
NICKEL	7440-02-0	1400	23.7	N	7.6		99.5		13.8	N	38.9		662	
POTASSIUM	7440-09-7	--	1710				2570		2200		1910		1200	B
SELENIUM	7782-49-2	340	0.9202	U	20.8	UJ	0.9618	U	0.7953	U	6.2	U	2.4	N
SILVER	7440-22-4	340	0.2436	U	3.9	U	0.2546	U	0.2105	U	1.1	J	0.3659	U
SODIUM	7440-23-5	--	620	B			1210	B	563	B	109	J	835	B
THALLIUM	7440-28-0	5.4	1.6509	U	28.6	U	1.7256	U	1.4269	U	4.5	UJ	2.4797	U
VANADIUM	7440-62-2	470	97.7	N	12.5		301	*	41.2	N	94.6		80	
ZINC	7440-66-6	20000	134	*	25.2		962	*	34	*	685		130	N*

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Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	10		10		10		10	
		Sample Location	SB22		SB22		SB23		SB23	
		Sample ID	KSB22-10-15~47195~FDOFMA0SW5~101002		SB22-10-15~47194~FDOFMA0SW6~101002		KSB23-10-15~47184~FDOFMA0ST6~101002		SB23-10-15~47183~FDOFMA0ST7~101002	
		Risk Zone	J*		J*		J*		J*	
		Bottom Depth	15		15		15		15	
		Sample Date	10/10/2002		10/10/2002		10/10/2002		10/10/2002	
		Sample Type	FD		N		FD		N	
		Field Duplicate Parent	SB22-10-15~47194~FDOFMA0SW6~101002				SB23-10-15~47183~FDOFMA0ST7~101002			
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	5550		6460		6350	*	7240	*
ANTIMONY	7440-36-0	27	0.8959	UN	1.4	BN	0.9412	U	0.9185	U
ARSENIC	7440-38-2	10	0.8287	U	1.4	B	1.1	B	1.6	B
BARIUM	7440-39-3	4700	42.4	B	52.6		35.4	B	33.1	B
BERYLLIUM	7440-41-7	2	0.16	B	0.25	B	0.27	B	0.35	B
CADMIUM	7440-43-9	34	0.18	B	0	B	0.1412	U	0.1378	U
CALCIUM	7440-70-2	--	1890	*	1490	*	1430		1310	
CHROMIUM	7440-47-3	3900	11.1		12.7		12.2	*	12.3	*
COBALT	7440-48-4	--	5.7	B	6.6	B	5.9	B	5.8	B
COPPER	7440-50-8	2500	29.6	*	35	*	18.6	*	17.5	*
CYANIDE	57-12-5	1400	0.1	U	0.1	U		R		R
IRON	7439-89-6	--	9850		11300		12600	*	14200	*
LEAD	7439-92-1	500	11.9	*	14	*	5.1	*E	4.6	*E
MAGNESIUM	7439-95-4	--	2630		3130		2470		2810	
MANGANESE	7439-96-5	--	155.7	*	183	*	183		188	
MERCURY	7439-97-6	20	0.12		0.15		0.06	U	0.06	U
NICKEL	7440-02-0	1400	10.6	N	13.3	N	12.1		11.2	
POTASSIUM	7440-09-7	--	1610		1880		1490		1770	
SELENIUM	7782-49-2	340	0.7615	U	0.7925	U	0.88	B	0.7807	U
SILVER	7440-22-4	340	0.2016	U	0.2098	U	0.2118	U	0.2067	U
SODIUM	7440-23-5	--	222	B	434	B	595	B	609	B
THALLIUM	7440-28-0	5.4	1.3662	U	1.4219	U	1.4353	U	1.4007	U
VANADIUM	7440-62-2	470	21.9	N	26.7	N	33.7	*	26.8	*
ZINC	7440-66-6	20000	63.9	*	82	*	28.3	*	26.4	*

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Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	12		16		0		0		0		0		0	
		Sample Location	MW3D		MW3D		SB05		SS03		SS04		SS04		SS-17	
		Sample ID	S-052704-JR-177		S-052704-JR-178		SB05-00-05~47331~~101802		SS-03~47164~~100802		KSS-04~47103~FDOFMA0SN8~100402		SS-04~47102~FDOFMA0SS2~100402		MAMH55	
		Risk Zone	J*		J*		E1*		E1*		E1*		E1*		E1*	
		Bottom Depth	16		20		5		0.25		0.25		0.25		0.5	
		Sample Date	5/27/2004		5/27/2004		10/18/2002		10/8/2002		10/4/2002		10/4/2002		4/28/1999	
		Sample Type	N		N		N		N		FD		N		N	
		Field Duplicate Parent									SS-04~47102~FDOFMA0SS2~100402					
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	7900		13100		13100		12100	*	6570		6840		7700	J
ANTIMONY	7440-36-0	27	17.3	U	24.2	U	1.0638	UN	0.9732	U	0.9535	UJ	0.9569	UJ	0.92	UJ
ARSENIC	7440-38-2	10	2	J	16.5	U	3.4		2.2	B	5.1	JEB	5.8	JEB	7	J
BARIUM	7440-39-3	4700	125		220		79.7		58		172		176		190	J
BERYLLIUM	7440-41-7	2	3	U	4.1	U	0.51	B	0.63	B	0.4982	U	0.5084	U	0.44	J
CADMIUM	7440-43-9	34	12.3		6.4		1.6		0.146	U	0.21	J	0.24	J	0.1	UJ
CALCIUM	7440-70-2	--					1590		1740		1550		2490		2130	J
CHROMIUM	7440-47-3	3900	58.5		46.4		16.9	*	16	*	25.5	EB	27.2	EB	31.1	J
COBALT	7440-48-4	--	7.2		7.2		10.2	B	6.7	B	5		5.3		4.5	J
COPPER	7440-50-8	2500	848		1730		70.8	*	16.5	*	30.8	J	33.9	J	60.2	UJ
CYANIDE	57-12-5	1400	7.91		2.51		0.11	UN		R	0.18	UJ	0.18	UJ	0.21	UJ
IRON	7439-89-6	--					18200		14800	*	11700		14100		13300	J
LEAD	7439-92-1	500	374	J	174	J	98.3	*	20.3	*E	22.7	J	24.4	J	29	J
MAGNESIUM	7439-95-4	--					4380		2860		1880		2630		2310	J
MANGANESE	7439-96-5	--					280	N	308		263	J	289	J	290	J
MERCURY	7439-97-6	20	2.5	@	0.14		0.0665	U	0.06	B	0.13		0.12		1.2	UJ
NICKEL	7440-02-0	1400	406		124		15	N*	11.1		8.1		9		9.6	J
POTASSIUM	7440-09-7	--					3550		1810		646	EB	702	EB	841	J
SELENIUM	7782-49-2	340	23.7	U	33.1	U	0.9043	UN	0.8273	U	0.81	UJ	0.81	UJ	0.72	UJ
SILVER	7440-22-4	340	63.6	J	23.2	J	0.2394	U	0.219	U	0.2145	U	0.49		0.85	UJ
SODIUM	7440-23-5	--					844	B	686	B	443	JEB	490	JEB	191	UJ
THALLIUM	7440-28-0	5.4	32.5	U	45.5	U	1.6223	U	1.4842	U	1.5	U	1.5	U	1.3	UJ
VANADIUM	7440-62-2	470	68.4		232		32	*	22.7	*	58		71.8		67.7	J
ZINC	7440-66-6	20000	901		1190		168	*	64.8	*	53.4		54.8		80.7	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
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U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposure Criteria
VALUE Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	0		0		0		0		0		0		0.5		0.5		0.5		0.5		0.5	
		Sample Location	SS-17		SS-18		SS-19		SS-20		SS-21		SS-22		SS-17		SS-18		SS-19		SS-20		
		Sample ID	MAMH57		MAMH58		MAMH60		MAMH62		MAMH64		MAMH67		MAMH56		MAMH59		MAMH61		MAMH63		
		Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E1*		E1*		E1*		E1*		
		Bottom Depth	0.5		0.5		0.5		0.5		0.5		0.5		2		2		2		2		
		Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		
		Sample Type	FD		N		N		N		N		N		N		N		N		N		
		Field Duplicate Parent	MAMH55																				
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	6730	J	9610	J	5600	J	7340	J	7920	J	7810	J	3730	J	4130	J	4160	J	6320	J		
ANTIMONY	7440-36-0	27	0.9	UJ	0.49	UJ	0.52	UJ	0.64	UJ	0.91	UJ		R	0.99	UJ	0.57	UJ	0.74	UJ	0.72	UJ		
ARSENIC	7440-38-2	10	5.2	J	3.3	J	2.8	J	2.7	J	2.1	J	2.7	J	2.7	J	1.7	J	1.2	J	2.4	J		
BARIUM	7440-39-3	4700	178	J	47.2	J	94.2	J	43.5	J	49.2	J	53.4	J	42.6	J	20.8	J	24.8	J	51.7	J		
BERYLLIUM	7440-41-7	2	0.44	J	0.44	J	0.33	UJ	0.46	J	0.44	J	0.53	J	0.25	UJ	0.42	J	0.26	UJ	0.45	J		
CADMIUM	7440-43-9	34	0.09	UJ	0.09	UJ	0.09	UJ	0.59	J	0.09	UJ	0.09	UJ	0.19	J	0.08	UJ	0.08	UJ	0.65	J		
CALCIUM	7440-70-2	--	1820	J	1240	J	989	J	1800	J	1450	J	814	J	630	J	454	UJ	640	J	1450	J		
CHROMIUM	7440-47-3	3900	26.2	J	13.5	J	15.3	J	14.7	J	15.5	J	10.3	J	7	J	4.5	J	6.4	J	11.3	J		
COBALT	7440-48-4	--	4.3	J	3.5	J	3.7	J	3.6	J	4.7	J	4.7	J	3.2	J	2.1	J	3.5	J	4	J		
COPPER	7440-50-8	2500	41.7	UJ	41.8	UJ	40.5	UJ	80.5	J	48.8	UJ	37.4	UJ	75.7	J	9.5	UJ	22.8	UJ	163	J		
CYANIDE	57-12-5	1400	0.2	UJ	0.06	UJ	0.12	UJ	0.23	UJ	0.18	UJ	0.06	UJ	4.1	UJ	0.12	UJ	0.06	UJ	0.15	UJ		
IRON	7439-89-6	--	11300	J	10900	J	9840	J	9680	J	11900	J	12100	J	7650	J	6060	J	7920	J	10600	J		
LEAD	7439-92-1	500	24.8	J	28	J	30.5	J	40.2	J	71.2	J	33.3	J	13.2	J	5	UJ	7	UJ	52.9	J		
MAGNESIUM	7439-95-4	--	2040	J	1850	J	1800	J	2110	J	2560	J	2190	J	1310	J	912	J	1560	J	2010	J		
MANGANESE	7439-96-5	--	277	J	140	J	180	J	291	J	301	J	296	J	158	J	162	J	168	J	236	J		
MERCURY	7439-97-6	20	0.44	UJ	0.68	UJ	1.1	UJ	0.39	UJ	0.97	UJ	0.06	UJ	0.61	UJ	0.48	UJ	0.7	UJ	0.35	UJ		
NICKEL	7440-02-0	1400	9	J	9.1	J	8.2	J	10.6	J	10.4	J	9.4	J	7.5	J	4.3	J	7.2	J	14.6	J		
POTASSIUM	7440-09-7	--	716	J	526	J	915	J	1020	J	984	J	1670	J	976	J	650	J	1030	J	1420	J		
SELENIUM	7782-49-2	340	0.7	UJ	0.7	UJ	0.69	UJ	0.68	UJ	0.7	UJ	0.67	UJ	0.61	UJ	0.62	UJ	0.63	UJ	0.67	UJ		
SILVER	7440-22-4	340	0.77	UJ	0.71	UJ	0.66	UJ	0.77	UJ	0.8	UJ	0.75	J	0.6	UJ	0.44	UJ	0.64	UJ	1	J		
SODIUM	7440-23-5	--	157	UJ	206	UJ	164	UJ	175	UJ	216	UJ	179	UJ	140	UJ	134	UJ	141	UJ	182	UJ		
THALLIUM	7440-28-0	5.4	1.3	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.1	UJ	1.2	UJ	1.2	UJ	1.3	UJ		
VANADIUM	7440-62-2	470	59.4	J	28.3	J	34.7	J	22.1	J	21.4	J	19	J	13.6	J	8.7	J	14.4	J	27.7	J		
ZINC	7440-66-6	20000	66.2	J	72	J	51	J	174	J	81.7	J	65.3	J	68.7	J	14.2	UJ	31.1	J	221	J		

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
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-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
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B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposure Criteria
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Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	0.5		0.5		4		4		4		4		4		5		5	
		Sample Location	SS-21		SS-22		SB189		SB189		SB190		SB208		SB13		SB06		SB150	
		Sample ID	MAMH65		MAMH68		018-DUP02-0410-03		018-SB189-0410-03		018-SB190-0410-03		018-SB208-0410-03		SB-13-04-06~47107~~100302		SB06-05-10~47332~~101802		80018-DUP106-0507	
		Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E1*		E1*		E1*	
		Bottom Depth	2		2		10		10		9		10		6		10		7	
		Sample Date	4/28/1999		4/28/1999		4/4/2011		4/4/2011		3/31/2011		4/4/2011		10/3/2002		10/18/2002		10/23/2008	
		Sample Type	N		N		FD		N		N		N		N		N		FD	
		Field Duplicate Parent					018-SB189-0410-03												80018-SB150-0507	
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	5960	J	8260	J	9940		10000		7040		6080		6690		10200		7260	
ANTIMONY	7440-36-0	27		R		R	0.37	J	0.42	J	0.57	J	0.82	J	0.906	UJ	0.9357	UN	7.1	UJ
ARSENIC	7440-38-2	10	2.2	J	1.4	J	1.6		2		2.5		7.5		1.6	JEB	2.4		3.6	
BARIUM	7440-39-3	4700	45.8	J	54	J	72.8		64.4		81		497		50.4		70.7		129	J
BERYLLIUM	7440-41-7	2	0.38	J	0.41	J	0.57		0.6		0.53		0.98		0.4058	U	0.46	B	0.27	J
CADMIUM	7440-43-9	34	0.62	J	0.15	J	2		1.5		2.2		5.6		1.1		0.81	B	1.2	
CALCIUM	7440-70-2	--	1030	J	931	J	2700		2050		5580		1670		1130		1330		8430	
CHROMIUM	7440-47-3	3900	11.5	J	10.5	J	16		14.2		16.4		26.9		11.9	EB	14.5	*	38.5	J
COBALT	7440-48-4	--	4.1	J	5.5	J	6.8		6.6		5.9		7.6		5.7		8.3	B	5.3	J
COPPER	7440-50-8	2500	104	J	48	UJ	345		77		2110		1120		231	J	536	*	**2530**	J
CYANIDE	57-12-5	1400	0.06	UJ	0.11	UJ	0.59	U	0.59	U	0.21	J	0.67	U	0.1	UJ	0.1	UN	15.9	
IRON	7439-89-6	--	10000	J	12700	J	18900		17400		14800		13600		11300		16300		12700	
LEAD	7439-92-1	500	58.3	J	34	J	20		18.5		103		172		50.8	J	50.1	*	186	J
MAGNESIUM	7439-95-4	--	1870	J	2780	J	3900		3320		2590		1260		2420		3490		2420	
MANGANESE	7439-96-5	--	228	J	283	J	340		333		681		169		190	J	273	N	262	
MERCURY	7439-97-6	20	0.17	UJ	0.12	UJ	0.02	J	0.11	U	0.15		0.29		0.08	J	0.0585	U	3.3	
NICKEL	7440-02-0	1400	13.5	J	11.3	J	13.8		12.4		150		139		26.4		14.9	N*	132	
POTASSIUM	7440-09-7	--	877	J	2190	J	3130		2430		1670		935		1960	EB	2930		1040	
SELENIUM	7782-49-2	340	0.67	UJ	0.68	UJ	3.6		3.2		2.8	J	3.4		0.79	J	0.7953	UN	4.2	U
SILVER	7440-22-4	340	1.2	J	0.83	J	0.23	J	0.18	J	0.47	J	11.4		0.26	J	0.2105	U	1.4	J
SODIUM	7440-23-5	--	162	UJ	197	UJ	223	J	145	J	325	J	236	J	784	JEB	753	B	69.2	J
THALLIUM	7440-28-0	5.4	1.2	UJ	1.3	UJ	2.1	U	2	U	2.2	U	2.4	U	1.4	U	1.4269	U	3	U
VANADIUM	7440-62-2	470	23.9	J	20.8	J	31.2		27		127		51		101		24.7	*	**774**	J
ZINC	7440-66-6	20000	135	J	78.8	J	178		119		1040		3410		361		277	*	1850	J

Notes:
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Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.	
		Top Depth	5		5		5		5		10		10		15	
		Sample Location	SB150		SB152		SB153		SB154		SB06		SB13		SB06	
		Sample ID	80018-SB150-0507		80018-SB152-0507		80018-SB153-0507		80018-SB154-0507		SB06-10-05~47333~~101802		SB13-10-15~47199~~101102		SB06-15-20~47334~~101802	
		Risk Zone	E1*		E1*		E1*		E1*		E1*		E1*		E1*	
		Bottom Depth	7		7		7		7		15		15		20	
		Sample Date	10/23/2008		10/24/2008		10/24/2008		10/23/2008		10/18/2002		10/11/2002		10/18/2002	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	6400		9130		5830		8490		10300		7290		5120	
ANTIMONY	7440-36-0	27	7.5	UJ		R	6.8	UJ	6.6	UJ	1.0403	UN	1.039	UN	0.9259	UN
ARSENIC	7440-38-2	10	3.1		4.4		3.1		2.5		3.8		**2.3**	B	0.8565	U
BARIUM	7440-39-3	4700	71.6	J	95.5		62.8	J	65.3	J	169		139.7		29.4	B
BERYLLIUM	7440-41-7	2	0.3	J	0.41	J	0.3	J	0.39	J	0.46	B	0.3	B	0.36	B
CADMIUM	7440-43-9	34	1		2.1	J	1.2		0.66		0.65	B	1	B	0.22	B
CALCIUM	7440-70-2	--	7140		9900		5250		2120		1100	B	9530	*	1090	B
CHROMIUM	7440-47-3	3900	22.5	J	18		10	J	10.8	J	14.5	*	15.9		4.9	*
COBALT	7440-48-4	--	4.6	J	4.6	J	3.6	J	5.4	J	8.2	B	5.5	B	3.7	B
COPPER	7440-50-8	2500	514	J	408		522	J	102	J	33.1	*	233	*	12.6	*
CYANIDE	57-12-5	1400	10.8		2.9	UJ	2.8	U	2.7	U	0.11	UN	0.11	U	0.1	UN
IRON	7439-89-6	--	11600		23400		9260		13700		17500		11400		8330	
LEAD	7439-92-1	500	117	J	43.3	J	76.5	J	58.3	J	185	*	162.2	*	2.7	*
MAGNESIUM	7439-95-4	--	2070		3010		1940		3130		3500		3220		1400	
MANGANESE	7439-96-5	--	215		169		188		346		526	N	320	*	216	N
MERCURY	7439-97-6	20	3.1		0.1	J	0.17		0.051	J	0.065	U	0.79		0.0579	U
NICKEL	7440-02-0	1400	112		30		27.5		14.3		11	N*	19.1	N	4.8	BN*
POTASSIUM	7440-09-7	--	980		2490		1330		2520		2460		1250	B	1360	
SELENIUM	7782-49-2	340	4.4	U	4.1	U	4	U	3.8	U	0.8843	UN	0.8831	U	0.787	UN
SILVER	7440-22-4	340	0.71	J	0.92	J	0.76	J	0.54	J	0.2341	U	0.27	B	0.2083	U
SODIUM	7440-23-5	--	68.1	J	113	J	80.2	J	58.6	J	768	B	700	B	503	B
THALLIUM	7440-28-0	5.4	3.1	U	2.9	UJ	2.8	U	2.7	U	1.5865	U	1.5844	U	1.412	U
VANADIUM	7440-62-2	470	262	J	91.3		66.9	J	53.1	J	28.5	*	81.8	N	10	B*
ZINC	7440-66-6	20000	851	J	365		692	J	196	J	160	*	295	*	15.9	*

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
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E - Serial dilution criteria not met
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R - Value is rejected and not usable
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VALUE Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	119 Store Ave.		119 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
		Top Depth	15		15		0		0		0		0		0	
		Sample Location	SB13		SB151		SB33		SB36		SS146		SS27		SS31	
		Sample ID	SB13-15-20~47198~~101102		80018-SB151-1517		SB33-00-05~47307~~101502		SB36-00-05~47303~~101502		80018-SS146-0002		SS-027~P4845-02~~102402		SS-031~51168~~110102	
		Risk Zone	E1*		E1*		E3*		E3*		E3*		E3*		E3*	
		Bottom Depth	20		17		5		5		2		0.25		0.25	
		Sample Date	10/11/2002		10/23/2008		10/15/2002		10/15/2002		11/1/2008		10/24/2002		11/1/2002	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	6880		4590		11600	*	7010	*	9060		8020		9900	
ANTIMONY	7440-36-0	27	1.0088	UN	10.9	UJ	0.9456	U	0.8811	U		R	0.8022	U	0.69	U
ARSENIC	7440-38-2	10	0.9332	U	**13.1**		2.6		1.2	B	4		2.6		2.3	B
BARIUM	7440-39-3	4700	36.2	B	224	J	76.1	*	40.6	B*	43.6		35.7	B	39.4	B
BERYLLIUM	7440-41-7	2	0.3	B	0.65	J	0.58	B	0.43	B	0.35	J	0.51	B	0.63	B
CADMIUM	7440-43-9	34	0.3	B	1.8		0.74	B	0.24	B	0.36	J	0.12	B	0.36	B
CALCIUM	7440-70-2	--	1280	*	2970		921	B	753	B	795		855	B	873	B
CHROMIUM	7440-47-3	3900	15.3		22.7	J	17.7	*	11	*	17.4	J	23		20.8	
COBALT	7440-48-4	--	5.9	B	6.1	J	7.3	B	5.6	B	3.3	J	5.9	B	5.9	B
COPPER	7440-50-8	2500	12.5	*	349	J	94.6	N*E	24.7	N*E	104				46.9	
CYANIDE	57-12-5	1400	0.11	U	4.6	U		R		R	3.1	UJ	0.41	B	0.32	B
IRON	7439-89-6	--	14000		48300		17200	*	12400	*	12500		12900		14300	
LEAD	7439-92-1	500	6.9	*	139	J	57.5	N*	20.4	N*	318		86.6		41.09	
MAGNESIUM	7439-95-4	--	2650		1030		2780		2320		1800		2580		3020	
MANGANESE	7439-96-5	--	307	*	297		244	*	223	*	187		250		263	
MERCURY	7439-97-6	20	0.08	B	0.27		0.37		0.09	B	0.4		1.3		1.3	
NICKEL	7440-02-0	1400	9.1	BN	92.1		12.8		8	B	9.6		11.4		12.1	
POTASSIUM	7440-09-7	--	1760		723	J	1670		1710		826		525	BE	786	B
SELENIUM	7782-49-2	340	0.8575	U	6.4	U	1.4	N	0.86	BN	0.38	J	0.6876	U	0.84	B
SILVER	7440-22-4	340	0.227	U	2.6	J	0.2128	U	0.1982	U	0.45	J	0.47	BN	0.23	U
SODIUM	7440-23-5	--	259	B	129	J	698	B	555	B	36.6	J	108.4067	U	407	B
THALLIUM	7440-28-0	5.4	1.5385	U	4.6	U	1.4421	U	1.3	U	3.1	U	1.2	B	1.6	B
VANADIUM	7440-62-2	470	22.8	N	378	J	33.6		17		32		26.5		24.8	
ZINC	7440-66-6	20000	36	*	802	J	146	N*	39	N*	75.4		76.8		67.7	

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Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Sto
		Top Depth	0		0		0		0		0		0		0		0.5		0.5		0.5		0
		Sample Location	SS-33		SS-34		SS-35		SS36		SS-36		SS-37		SS-38		SS-33		SS-34		SS-34		SS
		Sample ID	MAMH92		MAMH94		MAMH97		SS-036~51168.1~~110102		MAMH99		MAMJ01		MAMJ04		MAMH93		MAMH95		MAMH96		MAM
		Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*		E3*		E3*		E3*		E3*		E
		Bottom Depth	0.5		0.5		0.5		0.25		0.5		0.5		0.5		2		2		2		2
		Sample Date	4/28/1999		4/28/1999		4/28/1999		11/1/2002		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/
		Sample Type	N		N		N		N		N		N		N		N		N		FD		N
		Field Duplicate Parent																			MAMH95		
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
ALUMINUM	7429-90-5	--	9420	J	10800	J	11400	J	2960		12000	J	11200	J	12400	J	10500	J	8450	J	7520	J	4280
ANTIMONY	7440-36-0	27	0.46	UJ	0.5	UJ	0.5	UJ	0.7569	U	1.1	UJ	0.5	UJ	0.5	UJ	0.47	UJ	0.5	UJ	0.52	UJ	0.49
ARSENIC	7440-38-2	10	2.4	J	1.6	J	2.2	J	1.2	B	4.3	J	1.9	J	3.2	J	4.5	J	6.2	J	6.2	J	5.9
BARIUM	7440-39-3	4700	43.8	J	75.9	J	66.7	J	32.1	B	85.8	J	55.3	J	51.1	J	117	J	125	J	115	J	92.1
BERYLLIUM	7440-41-7	2	0.53	J	0.54	J	0.6	J	0.25	B	0.58	J	0.57	J	0.63	J	0.58	J	0.61	J	0.6	J	0.68
CADMIUM	7440-43-9	34	0.09	UJ	0.42	J	0.33	J	0.37	B	0.81	J	0.11	J	0.12	J	0.89	J	5.6	J	4.7	J	4.7
CALCIUM	7440-70-2	--	1280	J	1050	J	818	J	2250		1480	J	1000	J	764	J	1560	J	3390	J	2400	J	1110
CHROMIUM	7440-47-3	3900	15.9	J	18.1	J	17.6	J	7.5		19.4	J	21.3	J	21.8	J	20.3	J	21.2	J	17.1	J	11.7
COBALT	7440-48-4	--	5.9	J	7.1	J	7.4	J	2.72	B	6.6	J	7.4	J	6.5	J	8.3	J	6.4	J	5.8	J	4.7
COPPER	7440-50-8	2500	75.1	UJ	90.1	J	81.8	UJ	28.5		302	J	49	UJ	42.8	UJ	385	J	1340	J	654	J	641
CYANIDE	57-12-5	1400	0.08	J	0.24	J	0.08	J	0.58	B	0.28	J	0.22	J	0.2	J	0.12	J	1.3	J	0.5	J	0.52
IRON	7439-89-6	--	13400	J	16100	J	16000	J	5880		15600	J	16100	J	16500	J	16000	J	14800	J	12300	J	7580
LEAD	7439-92-1	500	18.1	J	22.8	J	20.4	J	67.8		87.6	J	26.9	J	44.8	J	60.6	J	145	J	124	J	95.3
MAGNESIUM	7439-95-4	--	2830	J	3690	J	3490	J	1410		3140	J	3700	J	3260	J	3480	J	3090	J	2650	J	925
MANGANESE	7439-96-5	--	321	J	318	J	366	J	172		320	J	343	J	379	J	320	J	292	J	240	J	113
MERCURY	7439-97-6	20	0.4	UJ	0.97	UJ	0.19	UJ	0.14		0.82	UJ	0.7	UJ	0.69	UJ	0.19	UJ	1.3	UJ	1.1	J	0.58
NICKEL	7440-02-0	1400	12.7	J	15.8	J	15.7	J	6.4	B	16.7	J	14	J	13.5	J	29.5	J	30.9	J	28.9	J	21.9
POTASSIUM	7440-09-7	--	917	J	2080	J	1670	J	587	B	1420	J	1790	J	929	J	2820	J	1880	J	1630	J	620
SELENIUM	7782-49-2	340	0.66	UJ	0.71	UJ	0.72	UJ	0.7569	U	0.76	J	0.71	UJ	0.72	UJ	0.68	UJ	1	J	0.7	UJ	0.69
SILVER	7440-22-4	340	0.91	J	1.2	J	1.1	J	0.2523	U	1.9	J	1.2	J	1	J	1.3	J	1.8	J	1.6	J	1.1
SODIUM	7440-23-5	--	154	UJ	231	UJ	210	UJ	439	B	185	UJ	239	UJ	200	UJ	255	UJ	183	UJ	203	UJ	107
THALLIUM	7440-28-0	5.4	1.2	UJ	1.3	UJ	1.3	UJ	1.3	B	1.3	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.3
VANADIUM	7440-62-2	470	27.6	J	35.6	J	27.8	J	13.6		41.3	J	30.6	J	28.7	J	50.5	J	40.2	J	36.7	J	19.8
ZINC	7440-66-6	20000	87.2	J	183	J	157	J	88.2		713	J	71	J	71.4	J	443	J	1460	J	1160	J	1240

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Waterbury, Connecticut

		Address	re Ave.	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
		Top Depth	5	0.5		0.5		0.5		2		2		5		5		5	
		Sample Location	-35	SS-36		SS-37		SS-38		SB167		SB167		SB163		SB164		SB165	
		Sample ID	1H98	MAMJ00		MAMJ02		MAMJ05		80018-DUP110-0203		80018-SB167-0203		80018-SB163-0507		80018-SB164-0507		80018-SB165-0507	
		Risk Zone	3*	E3*		E3*		E3*		E3*		E3*		E3*		E3*		E3*	
		Bottom Depth	2	2		2		2		3		3		7		7		7	
		Sample Date	1999	4/28/1999		4/28/1999		4/28/1999		11/12/2008		11/12/2008		10/21/2008		10/21/2008		10/21/2008	
		Sample Type	N	N		N		N		FD		N		N		N		N	
		Field Duplicate Parent								80018-SB167-0203									
		Unit	/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	J	8200	J	7570	J	12200	J	10500		10100		4350		7640		7990	
ANTIMONY	7440-36-0	27	UJ	0.49	UJ	0.49	UJ	0.46	UJ		R		R		R		R		R
ARSENIC	7440-38-2	10	J	4.3	J	4.8	J	3.1	J	2.1		2.1		7.2		6.3		2.9	
BARIUM	7440-39-3	4700	J	92.2	J	112	J	39.6	J	22.9		20.9	J	207		59.3		64.2	
BERYLLIUM	7440-41-7	2	J	0.63	J	0.52	J	0.51	J	0.3	J	0.31	J	0.6	J	0.4	J	0.45	J
CADMIUM	7440-43-9	34	J	1.6	J	2.4	J	0.09	UJ	0.27	J	0.25	J	1.3		1.6		0.51	J
CALCIUM	7440-70-2	--	J	1350	J	2070	J	835	J	278	J	248	J	2450		1160		2390	
CHROMIUM	7440-47-3	3900	J	15.7	J	21.6	J	13.7	J	9.6	J	8.6	J	8.8	J	11.2	J	10.5	J
COBALT	7440-48-4	--	J	5.9	J	6.1	J	5.6	J	3.8	J	3.4	J	4.1	J	4.8	J	5.9	
COPPER	7440-50-8	2500	J	317	J	600	J	27.2	UJ	19.5		16.7		240	J	283	J	71.5	J
CYANIDE	57-12-5	1400	J	0.17	J	0.34	J	0.06	UJ	2.8	U	2.9	U	3.1	U	2.9	U	2.8	U
IRON	7439-89-6	--	J	12400	J	13300	J	16300	J	10900		10500		7400	J	12600	J	12100	J
LEAD	7439-92-1	500	J	71.4	J	123	J	28.5	J	20.3		16.8		38.6	J	87	J	30.2	J
MAGNESIUM	7439-95-4	--	J	2380	J	2740	J	3280	J	1670		1550		1250		2240		2670	
MANGANESE	7439-96-5	--	J	254	J	231	J	232	J	128		118		117		211		432	
MERCURY	7439-97-6	20	UJ	2.4	J	0.49	UJ	0.19	UJ	0.086	J	0.09	J	0.15		0.5		0.11	J
NICKEL	7440-02-0	1400	J	19.4	J	26.9	J	11.8	J	7.4		6.8		14.4		38.6		12.7	
POTASSIUM	7440-09-7	--	J	1210	J	2290	J	1430	J	644		619		838		1180		963	
SELENIUM	7782-49-2	340	UJ	0.7	UJ	0.71	UJ	0.65	UJ	4	U	4.1	U	4.4	U	4.1	U	4	U
SILVER	7440-22-4	340	J	1.2	J	1.7	J	1.1	J	0.061	J	0.1	J	0.24	J	7.2	J	0.51	J
SODIUM	7440-23-5	--	UJ	172	UJ	179	UJ	218	UJ	22.2	J	20.5	J	65.2	J	57.6	J	50.9	J
THALLIUM	7440-28-0	5.4	UJ	1.3	UJ	1.3	UJ	1.2	UJ	2.8	U	2.9	U	3.1	U	2.9	U	2.8	U
VANADIUM	7440-62-2	470	J	36.3	J	51.6	J	23.3	J	16.8		16.3		15.7		21.2		26	
ZINC	7440-66-6	20000	J	453	J	781	J	52.6	J	45.4		42.2		333	J	332	J	147	J

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		Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
		Top Depth	5		4		4		5		5		10	
		Sample Location	SB166		SB205		SB206		SB32		SB36		SB32	
		Sample ID	80018-SB166-0507		80018-SB205-0410-0311		80018-SB206-0410-0311		SB32-05-10~47305~~101502		SB36-05-10~47304~~101502		SB32-10-15~47306-2~~101502	
		Risk Zone	E3*		E3*		E3*		E3*		E3*		E3*	
		Bottom Depth	7		10		10		10		10		15	
		Sample Date	10/21/2008		4/4/2011		4/4/2011		10/15/2002		10/15/2002		10/15/2002	
		Sample Type	N		N		N		N		N		N	
		Field Duplicate Parent												
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	6060		3530		5100		3760	*	3620	*	3850	*
ANTIMONY	7440-36-0	27	0.87	J	0.65	J	1.5	J	7.6	B	0.8377	U	1.5686	U
ARSENIC	7440-38-2	10	5.7		**11.3**		8.1		8.1		0.95	B	**10.1**	
BARIUM	7440-39-3	4700	108		177		91.6		278	*	23.6	B*	670	*
BERYLLIUM	7440-41-7	2	0.48	J	1		0.94		0.8	B	0.24	B	1.5	B
CADMIUM	7440-43-9	34	1.8		2.3		3		0.81	B	0.14	B	0.73	B
CALCIUM	7440-70-2	--	8480		1180		3680		6880		377	B	1160	
CHROMIUM	7440-47-3	3900	13.8	J	10.6		25.1		125	*	5.7	*	10	*
COBALT	7440-48-4	--	4	J	5.6		6	J	6.5	B	3.1	B	3.8	B
COPPER	7440-50-8	2500	650	J	335		504		342	N*E	15.5	N*E	148	N*E
CYANIDE	57-12-5	1400	2.9	U	0.68	U	0.64	U		R		R	5.2	J
IRON	7439-89-6	--	10300	J	14200		15100		4940	*	7730	*	4410	*
LEAD	7439-92-1	500	61.6	J	35.1		43.4		**1410**	N*	4.8	N*	9.3	N*
MAGNESIUM	7439-95-4	--	1790		798		1530		826	B	1090		338	
MANGANESE	7439-96-5	--	137		72.9		178		82.6	*	161	*	25.5	*
MERCURY	7439-97-6	20	0.47		0.12	J	0.09	J	0.17		0.0524	U	0.098	U
NICKEL	7440-02-0	1400	18.1		17.7		38		25.1		4.6	B	7.6	B
POTASSIUM	7440-09-7	--	812		620		1180		704	B	988	B	450	
SELENIUM	7782-49-2	340	4.1	U	2.7	J	3	J	1.3	BN	0.712	UN	1.9	BN
SILVER	7440-22-4	340	0.59	J	0.22	J	0.25	J	0.2679	U	0.1885	U	0.3529	U
SODIUM	7440-23-5	--	80.1	J	235	J	195	J	711	B	413	B	637	
THALLIUM	7440-28-0	5.4	2.9	U	2.4	U	3.2	U	1.8155	U	1.2775	U	2.3922	U
VANADIUM	7440-62-2	470	16.4		21.7		23		19.4		7.8	B	22	
ZINC	7440-66-6	20000	476	J	524		1040		416	N*	18.7	N*	87.5	N*

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
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U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposure Criteria
VALUE Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		17 Dunbar St.		17 Dunbar St.	
		Top Depth	10		15		15		0		0	
		Sample Location	SB33		SB32		SB32		SB03		SS02	
		Sample ID	SB33-10-15~47308~~101502		KSB32-15-20~47326~FDOFMA0SZ4~101502		SB32-15-20~47325~FDOFMA0SZ5~101502		SB03-00-05~47310~~101602		SS-02~47163~~100802	
		Risk Zone	E3*		E3*		E3*		D1*		D1*	
		Bottom Depth	15		20		20		5		0.25	
		Sample Date	10/15/2002		10/15/2002		10/15/2002		10/16/2002		10/8/2002	
		Sample Type	N		FD		N		N		N	
		Field Duplicate Parent			SB32-15-20~47325~FDOFMA0SZ5~101502							
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	3860	*	9920		11100		7470	*	9090	*
ANTIMONY	7440-36-0	27	0.8421	U	1.0243	UN	1.0088	UN	0.9313	U	0.96	U
ARSENIC	7440-38-2	10	0.7789	U	2.2	B	2.7		2.9		2.5	
BARIUM	7440-39-3	4700	23.2	B*	29.7	B	26.6	B	28	B*	51.9	
BERYLLIUM	7440-41-7	2	0.29	B	0.65	B	0.75	B	0.39	B	0.4	B
CADMIUM	7440-43-9	34	0.1263	U	0.36	B	0.38	B	0.15	B	1.1	B
CALCIUM	7440-70-2	--	460	B	394	B	391	B	632	B	2530	
CHROMIUM	7440-47-3	3900	6.6	*	12.4	*	12.8	*	7.3	*	10.6	*
COBALT	7440-48-4	--	3	B	4.9	B	5.5	B	4.3	B	8.5	B
COPPER	7440-50-8	2500	10.2	N*E	14.6	*	18.7	*	18.1	N*E	59	*
CYANIDE	57-12-5	1400		R	0.71	N	0.37	BN		R		R
IRON	7439-89-6	--	7380	*	12300		16300		9170	*	17500	*
LEAD	7439-92-1	500	3.2	N*	7	*	11.4	*	26	N*	84	*E
MAGNESIUM	7439-95-4	--	1330		2080		2170		1690		3910	
MANGANESE	7439-96-5	--	144	*	119	N	98.1	N	140	*	316	
MERCURY	7439-97-6	20	0.0526	U	0.064	U	0.0631	U	0.0582	U	0.1	B
NICKEL	7440-02-0	1400	4.4	B	6.4	BN*	7.5	BN*	6.6	B	11.5	
POTASSIUM	7440-09-7	--	1250		1070	B	972	B	1020	B	1610	
SELENIUM	7782-49-2	340	0.7158	UN	1.1	BN	0.8575	UN	0.7916	UN	0.97	B
SILVER	7440-22-4	340	0.1895	U	0.2305	U	0.227	U	0.2095	U	0.2171	U
SODIUM	7440-23-5	--	372	B	419	B	533	B	475	B	1240	
THALLIUM	7440-28-0	5.4	1.2842	U	1.5621	U	1.5385	U	1.4203	U	1.4717	U
VANADIUM	7440-62-2	470	9.5	B	19	*	20.4	*	13.6		32.1	*
ZINC	7440-66-6	20000	15.2	N*	29.5	*	31.5	*	45.7	N*	128	*

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
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U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
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B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
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VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.	
		Top Depth	0		0		0		0.5		5		7		4	
		Sample Location	SS09		SS108		SS-12		SS-12		SB110		SB109		SB192	
		Sample ID	SS-09~51155~~103102		80018-SS108-0006		MAMH44		MAMH45		80018-SB110-0507		80018-SB109-0709		80018-SB192-0410-0311	
		Risk Zone	D1*		D1*		D1*		D1*		D1*		D1*		D1*	
		Bottom Depth	0.25		0.5		0.5		2		7		9		9	
		Sample Date	10/31/2002		10/16/2008		4/28/1999		4/28/1999		10/27/2008		10/27/2008		3/31/2011	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	7020		10500		10700	J	10900	J	17100		10700		7620	
ANTIMONY	7440-36-0	27	0.7755	U		R	0.47	UJ	0.6	UJ		R	7.2	U	0.85	J
ARSENIC	7440-38-2	10	2.4	B	4.7		3.8	J	4.5	J	4.9		1.8		7.8	
BARIUM	7440-39-3	4700	41.3	B	102		72.2	J	70.4	J	45		59.6		126	
BERYLLIUM	7440-41-7	2	0.3	B	0.64		0.43	J	0.47	J	0.49	J	0.34	U	0.9	
CADMIUM	7440-43-9	34	0.2585	U	0.6		0.61	J	0.53	J	0.44	J	0.64		2.2	
CALCIUM	7440-70-2	--	2910		3640		944	J	918	J	957		2170		6810	
CHROMIUM	7440-47-3	3900	9.7		15.3	J	12.8	J	13.6	J	15.2		18		15.1	
COBALT	7440-48-4	--	4.2	B	5.6	J	5.8	J	6.5	J	4.3	J	5.5	J	6.6	
COPPER	7440-50-8	2500	24.5		133		75.3	J	56.3	J	44.4		51.4		150	
CYANIDE	57-12-5	1400	0.12	U	2.8	U	0.23	J	0.1	J	3.5	U			0.63	U
IRON	7439-89-6	--	9700		12700		13700	J	14400	J	16200		16600		24300	
LEAD	7439-92-1	500	29.3		47	J	171	J	167	J	45.4	J	25.4		80.1	
MAGNESIUM	7439-95-4	--	1880		3950		2770	J	2840	J	2510		3730		1890	
MANGANESE	7439-96-5	--	223		445	J	265	J	271	J	135		289		284	
MERCURY	7439-97-6	20	0.11	B	0.07	J	0.2	UJ	1.1	J	0.11	J	0.12	UJ	0.1	J
NICKEL	7440-02-0	1400	12.3		14.7		11.3	UJ	11.6	UJ	11.2		12.8		33	
POTASSIUM	7440-09-7	--	699	B	1330		1520	J	1420	J	1250		2220		1230	
SELENIUM	7782-49-2	340	0.7755	U	3.9	UJ	0.67	UJ	0.68	UJ	4.9	U	1.4	J	5.3	
SILVER	7440-22-4	340	0.2585	U	0.57	J	0.76	UJ	0.81	UJ	0.46	J	1.2	U	0.37	J
SODIUM	7440-23-5	--	343	B	70.2	J	208	UJ	204	UJ	88	J	116	U	275	J
THALLIUM	7440-28-0	5.4	1	B	2.8	U	1.2	UJ	1.3	UJ	3.5	UJ	1.6	J	2.4	U
VANADIUM	7440-62-2	470	15.8		25		24	J	24.6	J	28.1		31.3		184	
ZINC	7440-66-6	20000	51.5		190	J	119	J	115	J	124		101		245	

Notes:
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VALUE Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newr
		Top Depth	0		0		0		0		0		0		0		0		(
		Sample Location	SB02		SB02		SB11		SS01		SS-01		SS-02		SS-03		SS
		Sample ID	KSB02-00-05~47300~FDOFMA0SX7~101402		SB02-00-15~47299~~101402		SB11-00-15~47319~~101702		SS-01~47162~~100802		MAMH20		MAMH22		MAMH24		MAM
		Risk Zone	F*		F*		F*		F*		F*		F*		F*		F
		Bottom Depth	5		15		15		0.25		0.5		0.5		0.5		0
		Sample Date	10/14/2002		10/14/2002		10/17/2002		10/8/2002		4/28/1999		4/28/1999		4/28/1999		4/28/
		Sample Type	FD		N		N		N		N		N		N		N
		Field Duplicate Parent	SB02-00-15~47299~~101402														
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
ALUMINUM	7429-90-5	--	9200	*	8030	*	6970		9840	*	10500	J	9960	J	10400	J	5080
ANTIMONY	7440-36-0	27	0.9227	U	0.9238	U	2.7	BN	1.2	B	0.76	UJ	0.48	UJ	0.63	UJ	0.46
ARSENIC	7440-38-2	10	1.5	B	1.7	B	8.2		4.1		4.1	J	4.2	J	3.9	J	0.93
BARIUM	7440-39-3	4700	85.2	*	90.1	*	445		69.6		59	J	62.7	J	59.7	J	27.9
BERYLLIUM	7440-41-7	2	0.47	B	0.43	B	0.69	B	0.62	B	0.49	J	0.51	J	0.54	J	0.34
CADMIUM	7440-43-9	34	0.45	B	0.27	B	6.6		0.96	B	0.09	UJ	0.19	J	0.1	UJ	0.11
CALCIUM	7440-70-2	--	1130	B	1170		7490		1870		881	J	1130	J	945	J	910
CHROMIUM	7440-47-3	3900	13.5	*	11.3	*	36	*	13.7	*	14	J	14.8	J	13.4	J	5.4
COBALT	7440-48-4	--	7.5	B	6.8	B	8.4	B	5.5	B	5.5	J	5.4	J	5.8	J	3.2
COPPER	7440-50-8	2500	60.1	N*E	48.4	N*E	893	*	74.1	*	33.9	UJ	380	J	36	UJ	48.1
CYANIDE	57-12-5	1400	R		R		0.44	BN	0.11	J	0.2	UJ	0.23	UJ	0.23	UJ	0.06
IRON	7439-89-6	--	16900	*	12800	*	16600		14600	*	13500	J	12900	J	14000	J	8030
LEAD	7439-92-1	500	12.7	N*	13.8	N*	**754**	*	145	*E	22.8	J	39	J	23.2	J	9.1
MAGNESIUM	7439-95-4	--	3700		2860		2040		1990		2930	J	2670	J	2800	J	1430
MANGANESE	7439-96-5	--	325	*	307	*	243	N	307		371	J	386	J	383	J	199
MERCURY	7439-97-6	20	0.0577	U	0.0577	U	0.41		0.13		0.44	UJ	0.69	UJ	0.55	UJ	0.07
NICKEL	7440-02-0	1400	10.8		10.5		89.9	N*	12.5		11.7	J	16.4	J	11.3	J	6.9
POTASSIUM	7440-09-7	--	3130		2630		1430		1290		851	J	955	J	933	J	1070
SELENIUM	7782-49-2	340	0.91	BN	1	BN	1	BN	1.6		0.7	UJ	0.69	UJ	0.71	UJ	0.66
SILVER	7440-22-4	340	0.2076	U	0.2079	U	2.3	B	0.31	B	0.97	J	0.99	J	0.88	UJ	0.51
SODIUM	7440-23-5	--	740	B	605	B	1860		707	B	188	UJ	188	UJ	190	UJ	167
THALLIUM	7440-28-0	5.4	1.417	U	1.4088	U	1.5155	U	1.7	B	1.3	UJ	1.3	UJ	1.3	UJ	1.2
VANADIUM	7440-62-2	470	26.5		27.5		202	*	24.4	*	25.8	J	33.6	J	27.3	J	11.7
ZINC	7440-66-6	20000	79.3	N*	71.3	N*	1800	*	189	*	58.2	J	187	J	46.1	J	45.5

Notes:
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Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	nan Ave.	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
		Top Depth	0	0		0.5		0.5		0.5		0.5		5		5		5	
		Sample Location	-04	SS08		SS-01		SS-02		SS-03		SS-04		SB01		SB02		SB02	
		Sample ID	H26	SS-08~47166~~100802		MAMH21		MAMH23		MAMH25		MAMH27		SB-1-05-06~47109~~100302		SB02-05-10~47301~~101402		SB02-05-10~47301~~101402	
		Risk Zone	*	F*		F*		F*		F*		F*		F*		F*		F*	
		Bottom Depth	5	0.25		2		2		2		2		6		10		10	
		Sample Date	1999	10/8/2002		4/28/1999		4/28/1999		4/28/1999		4/28/1999		10/3/2002		10/14/2002		10/14/2002	
		Sample Type	I	N		N		N		N		N		N		N		N	
		Field Duplicate Parent																	
		Unit	/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	J	8090	*	9260	J	6710	J	7480	J	4620	J	5120		6480	*	6480	*
ANTIMONY	7440-36-0	27	UJ	0.8686	U	0.5	UJ	1.5	UJ	0.49	UJ	0.46	UJ	0.9804	UJ	1.426	U	1.426	U
ARSENIC	7440-38-2	10	UJ	4.1		6.4	J	8.2	J	3.4	J	1.2	J	2.2	JEB	**13.1**		**13.1**	
BARIUM	7440-39-3	4700	J	74		98.6	J	156	J	64.9	J	24.4	J	55.9		405	*	405	*
BERYLLIUM	7440-41-7	2	J	0.38	B	0.65	J	1.5	J	0.5	J	0.29	J	0.3788	U	0.96	B	0.96	B
CADMIUM	7440-43-9	34	J	1.1		4.4	J	2.5	J	0.85	J	0.09	UJ	0.95		1.1	B	1.1	B
CALCIUM	7440-70-2	--	J	1340		1440	J	6540	J	1250	J	588	J	2040		1580	B	1580	B
CHROMIUM	7440-47-3	3900	J	13.7	*	27.8	J	19.5	J	14.8	J	4.3	J	14.1	EB	10	*	10	*
COBALT	7440-48-4	--	J	5.2	B	8	J	10.1	J	6.1	J	2.7	J	4.8		6.9	B	6.9	B
COPPER	7440-50-8	2500	J	124	*	888	J	627	J	1060	J	11.9	J	201	J	451	N*E	451	N*E
CYANIDE	57-12-5	1400	UJ		R	0.27	UJ	0.6	UJ	0.33	J	0.06	UJ	0.1	UJ		R		R
IRON	7439-89-6	--	J	12400	*	17700	J	6780	J	11900	J	6960	J	8580		10100	*	10100	*
LEAD	7439-92-1	500	J	138	*E	156	J	167	J	48	J	10.7	J	123	J	25.9	N*	25.9	N*
MAGNESIUM	7439-95-4	--	J	1980		3020	J	1560	J	2420	J	1150	J	1690		1280	B	1280	B
MANGANESE	7439-96-5	--	J	261		291	J	118	J	288	J	159	J	176	J	111	*	111	*
MERCURY	7439-97-6	20	UJ	0.1	B	0.54	UJ	1.5	UJ	0.09	UJ	0.08	UJ	0.13		0.33		0.33	
NICKEL	7440-02-0	1400	UJ	14		58.5	J	115	J	39.8	J	4.5	UJ	24.2		14.8		14.8	
POTASSIUM	7440-09-7	--	J	1310		1780	J	1050	J	1040	J	987	J	1310	EB	1400	B	1400	B
SELENIUM	7782-49-2	340	UJ	0.7383	U	0.72	UJ	0.83	UJ	0.69	UJ	0.65	UJ	0.83	UJ	1.8	BN	1.8	BN
SILVER	7440-22-4	340	UJ	0.24	B	2.3	J	3.6	J	1.1	J	0.31	UJ	0.72		0.3209	U	0.3209	U
SODIUM	7440-23-5	--	UJ	653	B	192	UJ	261	UJ	190	UJ	142	UJ	746	JEB	867	B	867	B
THALLIUM	7440-28-0	5.4	UJ	1.3246	U	1.3	UJ	1.5	UJ	1.3	UJ	1.2	UJ	1.5	U	2.1747	U	2.1747	U
VANADIUM	7440-62-2	470	J	25.3	*	90.6	J	218	J	61.7	J	9.7	J	55.8		36.2		36.2	
ZINC	7440-66-6	20000	J	243	*	1370	J	1050	J	340	J	23.7	J	363		314	N*	314	N*

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
mg/Kg - Milligrams per Kilogram (part per million)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposure Criteria
VALUE Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		27 Newman Ave.	
		Top Depth	5		5		7		9		9		4		10	
		Sample Location	SB11		SB11		MW6D		SB140		SB141		SB207		SB01	
		Sample ID	SB1105-10~47320~~101702		SB11-05-10~47330~~101802		S-052504-JR-170		80018-SB140-0911		80018-SB141-0911		80018-SB207-0410-0311		SB01-10-15~47298~~101402	
		Risk Zone	F*		F*		F*		F*		F*		F*		F*	
		Bottom Depth	10		10		10		11		11		9		15	
		Sample Date	10/17/2002		10/18/2002		5/25/2004		10/30/2008		10/30/2008		3/30/2011		10/14/2002	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	6050		3380		8950		6460		5640		6560		7930	*
ANTIMONY	7440-36-0	27	2.9	BN	0.8386	UN		R	8	U	10.2	U	0.63	J	0.9379	U
ARSENIC	7440-38-2	10	**10.7**		1.7	B	2.2	J	5.8		**22.6**		**35**		1.3	B
BARIUM	7440-39-3	4700	666		18.7	B	55.1		123		587		62.8		55.3	*
BERYLLIUM	7440-41-7	2	0.34	B	0.16	B	2.7	U	0.46	J	1		0.52		0.43	B
CADMIUM	7440-43-9	34	14.6		0.32	B	4	U	0.69		0.71	J	1.2		0.29	B
CALCIUM	7440-70-2	--	8190		1110				7400		2280		6400		2170	
CHROMIUM	7440-47-3	3900	507	*	4.7	*	15.1	J	11.5		29.3		13		13.5	*
COBALT	7440-48-4	--	9.3	B	3.8	B	5.8		4.4	J	6.9	J	4.5		4.9	B
COPPER	7440-50-8	2500	**14500**	*	209	*	101		442		118		92.5		42.5	N*E
CYANIDE	57-12-5	1400	4.6	N	0.09	UN	0.567	U	3.3	U	4.3	U	0.56	U		R
IRON	7439-89-6	--	37800		6730				20300		11100		13600		9890	*
LEAD	7439-92-1	500	**787**	*	7.4	*	59.7	J	39.5		38.1		66		10.3	N*
MAGNESIUM	7439-95-4	--	1800		1300				2500		868		2260		2430	
MANGANESE	7439-96-5	--	627	N	155	N			214		96.6		217		143	*
MERCURY	7439-97-6	20	1		0.0524	U	0.051		0.065	J	0.16	J	0.04	J	0.0586	U
NICKEL	7440-02-0	1400	140	N*	5.2	BN*	16.1	J	18.4		21.6		12		10	
POTASSIUM	7440-09-7	--	1460	B	800	B			1640		1390		1590		1170	B
SELENIUM	7782-49-2	340	1.2	BN	0.7128	UN	21.2	U	4.6	U	1.9	J	2.6	J	0.7972	UN
SILVER	7440-22-4	340	2.1	B	0.1887	U	4	U	0.61	J	0.5	J	0.23	J	0.211	U
SODIUM	7440-23-5	--	4240		392	B			101	J	199	J	177	J	548	B
THALLIUM	7440-28-0	5.4	2.6	B	1.2788	U	29.2	U	3.3	U	4.3	U	2.1	U	1.4302	U
VANADIUM	7440-62-2	470	40.7	*	10.9	*	25.1	J	23.4		102		22.5		19.1	
ZINC	7440-66-6	20000	4380	*	83.3	*	150		363		212		134		80.4	N*

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
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J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposure Criteria
VALUE Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	27 Newman Ave.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.		41 Dunbar St.	
		Top Depth	11		0		0		0		0.5		5		9		4	
		Sample Location	MW6D		SB04		SS109		SS-13		SS-13		SB04		SB111		SB191	
		Sample ID	S-052504-JR-171		SB04-00-05~47309~~101602		80018-SS109-0006		MAMH47		MAMH48		SB04-05-10~47324-2~~101602		80018-SB111-0911		80018-SB191-0410-0311	
		Risk Zone	F*		D1*		D1*		D1*		D1*		D1*		D1*		D1*	
		Bottom Depth	14		5		0.5		0.5		2		10		11		9	
		Sample Date	5/25/2004		10/16/2002		10/16/2008		4/28/1999		4/28/1999		10/16/2002		10/31/2008		3/31/2011	
		Sample Type	N		N		N		N		N		N		N		N	
		Field Duplicate Parent																
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	8710		8150	*	9630		6970	J	8180	J	7050		13200		9720	
ANTIMONY	7440-36-0	27		R	0.884	U		R	0.47	UJ	0.47	UJ	0.9547	UN	8.6	U	0.55	J
ARSENIC	7440-38-2	10	4.5		2.2	B	3.7		1.9	J	2	J	1.6	B	3.7		2.2	
BARIUM	7440-39-3	4700	57.4		54.3	*	74.2		34.5	J	29.3	J	69.7		43		40.1	
BERYLLIUM	7440-41-7	2	2.9	U	0.39	B	0.43	J	0.34	UJ	0.37	J	0.35	B	0.45	J	0.46	J
CADMIUM	7440-43-9	34	4.3	U	0.42	B	0.53	J	0.09	UJ	0.09	UJ	2.1		0.57	J	1.2	
CALCIUM	7440-70-2	--			1180		1260		1160	J	765	J	1920		2010		1620	
CHROMIUM	7440-47-3	3900	26.2	J	12	*	17.2	J	8.8	J	9.2	J	21.4	*	14.3		13.1	
COBALT	7440-48-4	--	5.5		6.7	B	6.3	J	5.1	J	5.4	J	7.6	B	4.1	J	3.6	J
COPPER	7440-50-8	2500	1440		96.3	N*E	113		44.6	UJ	36.4	UJ	509	*	43.1		29.3	
CYANIDE	57-12-5	1400	0.596	U		R	2.8	U	0.14	UJ	0.06	UJ	0.1	UN	3.6	U	0.65	U
IRON	7439-89-6	--			13400	*	15100		10200	J	11300	J	13400		15300		13400	
LEAD	7439-92-1	500	156	J	49.8	N*	66.7	J	32.1	J	26.7	J	90.5	*	35.4		34.1	
MAGNESIUM	7439-95-4	--			2860		3200		2160	J	2290	J	2860		2200		1970	
MANGANESE	7439-96-5	--			252	*	284	J	187	J	202	J	189	N	158		117	
MERCURY	7439-97-6	20	0.088		0.08	B	0.085	J	0.95	UJ	0.72	UJ	0.08	B	0.076	J	0.06	J
NICKEL	7440-02-0	1400	18.1	J	12		17.7		10	J	10	J	176	N*	8.9		8.6	
POTASSIUM	7440-09-7	--			2510		2750		1140	J	1160	J	2120		1420		1110	
SELENIUM	7782-49-2	340	23.2	U	0.7514	UN	3.9	UJ	0.68	UJ	0.67	UJ	0.8115	UN	0.44	J	2.9	J
SILVER	7440-22-4	340	4.3	U	0.1989	U	0.64	J	0.63	UJ	0.8	UJ	0.2148	U	0.42	J	0.2	J
SODIUM	7440-23-5	--			611	B	55.3	J	196	UJ	261	UJ	943		75.7	J	222	J
THALLIUM	7440-28-0	5.4	31.9	U	1.3481	U	2.8	U	1.3	UJ	1.3	UJ	1.8	B	3.6	U	2.6	U
VANADIUM	7440-62-2	470	23.4	J	29.5		29.2		19.1	J	21.8	J	**937**	*	26.6		24.5	
ZINC	7440-66-6	20000	887		131	N*	183	J	66.6	J	52.7	J	760	*	101		97.7	

Notes:
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UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

VALUE	Indicates an exceedence of CT Direct Exposure Criteria
VALUE	Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		5 Dunbar St.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
		Top Depth	0		0		0.5		0.5		5		5		0		0		0		0	
		Sample Location	SS-10		SS-11		SS-10		SS-11		SB107		SB108		SS-05		SS-06		SS-07		SS-08	
		Sample ID	MAMH40		MAMH42		MAMH41		MAMH43		80018-SB107-0507		80018-SB108-0507		MAMH29		MAMH31		MAMH33		MAMH35	
		Risk Zone	D1*		D1*		D1*		D1*		D1*		D1*		F*		F*		F*		F*	
		Bottom Depth	0.5		0.5		2		2		7		7		0.5		0.5		0.5		0.5	
		Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		10/30/2008		10/24/2008		4/28/1999		4/28/1999		4/28/1999		4/28/1999	
		Sample Type	N		N		N		N		N		N		N		N		N		N	
		Field Duplicate Parent																				
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	8290	J	10100	J	7180	J	9880	J	6810		3920		15800	J	6020	J	9560	J	15100	J
ANTIMONY	7440-36-0	27	0.45	UJ	0.65	UJ	0.45	UJ	0.47	UJ	8.1	U		R	0.51	UJ	1	UJ	0.91	UJ	0.51	UJ
ARSENIC	7440-38-2	10	3.9	J	6.7	J	2.7	J	3.3	J	4.4		1.2		4.9	J	9.9	J	6.6	J	5.6	J
BARIUM	7440-39-3	4700	71.9	J	57.4	J	62.4	J	65.1	J	144		26.9		79	J	114	J	85.6	J	76.3	J
BERYLLIUM	7440-41-7	2	0.43	J	0.425	J	0.37	J	0.44	J	0.4	J	0.2	J	0.76	J	0.71	J	0.64	J	0.68	J
CADMIUM	7440-43-9	34	0.5	J	0.35	J	0.33	J	0.49	J	0.25	J	0.076	J	0.44	J	9.3	J	4.1	J	0.26	J
CALCIUM	7440-70-2	--	1670	J	899	J	2070	J	1090	J	8030		643		1310	J	2470	J	1920	J	1240	J
CHROMIUM	7440-47-3	3900	19.5	J	13.1	J	18	J	12	J	6.8		4.2		22.5	J	14.2	J	16.1	J	19.9	J
COBALT	7440-48-4	--	5.8	J	4.9	J	5.3	J	4.8	J	4.6	J	2.4	J	7.1	J	6	J	5.6	J	5.9	J
COPPER	7440-50-8	2500	268	J	48.8	J	225	J	55.4	J	36.2		10.7		43.9	J	1430	J	870	J	76.7	J
CYANIDE	57-12-5	1400	0.06	UJ	0.26	J	0.06	UJ	0.06	UJ	3.4	U	2.7	UJ	0.1	J	0.45	J	0.48	J	0.28	J
IRON	7439-89-6	--	14300	J	14800	J	14200	J	14900	J	10700		5260		20300	J	11500	J	12800	J	16500	J
LEAD	7439-92-1	500	57.3	J	57.5	J	34.9	J	67.7	J	7.8		3.1	J	27.2	J	326	J	146	J	18.8	J
MAGNESIUM	7439-95-4	--	2840	J	2440	J	2680	J	2440	J	2040		1190		3450	J	1670	J	2310	J	3220	J
MANGANESE	7439-96-5	--	334	J	272	J	365	J	237	J	289		111		438	J	177	J	265	J	389	J
MERCURY	7439-97-6	20	0.15	UJ	0.18	UJ	0.08	UJ	1.3	J	0.053	J	0.11	U	0.13	UJ	0.61	J	1.1	J	0.21	UJ
NICKEL	7440-02-0	1400	17.7	J	10.7	UJ	14.6	J	11	UJ	8.4		4	J	16.8	J	72.9	J	28.5	J	14.7	UJ
POTASSIUM	7440-09-7	--	1960	J	1380	J	2080	J	1750	J	2370		1160		1350	J	997	J	1110	J	1390	J
SELENIUM	7782-49-2	340	0.64	UJ	0.67	UJ	0.64	UJ	0.68	UJ	4.7	U	3.7	U	0.73	UJ	0.72	UJ	0.71	UJ	0.73	UJ
SILVER	7440-22-4	340	0.93	UJ	0.84	UJ	0.65	UJ	0.87	UJ	0.34	J	0.1	J	1.2	J	4.8	J	2.4	J	0.85	UJ
SODIUM	7440-23-5	--	222	UJ	199	UJ	192	UJ	207	UJ	66.9	J	57.5	J	260	UJ	200	UJ	198	UJ	248	UJ
THALLIUM	7440-28-0	5.4	1.2	UJ	1.3	UJ	1.2	UJ	1.3	UJ	3.4	U	2.7	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.4	UJ
VANADIUM	7440-62-2	470	27.4	J	24.4	J	22.5	J	23.5	J	19		9.1		33.1	J	21.3	J	22.9	J	29.6	J
ZINC	7440-66-6	20000	289	J	121	J	274	J	130	J	52.5		19.4		101	J	1640	J	794	J	66.2	J

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E - Serial dilution criteria not met
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Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
		Top Depth	0		0		0		0		0.5		0.5		0.5		0.5		0.5	
		Sample Location	SS-09		SS14		SS14		SS17		SS-05		SS-06		SS-07		SS-08		SS-09	
		Sample ID	MAMH37		SS-014~47167~~100802		SS14-00-05~47181~~100902		SS-017~51155.1~~103102		MAMH30		MAMH32		MAMH34		MAMH36		MAMH38	
		Risk Zone	F*		F*		F*		F*		F*		F*		F*		F*		F*	
		Bottom Depth	0.5		0.25		0.25		0.25		2		2		2		2		2	
		Sample Date	4/28/1999		10/8/2002		10/9/2002		10/31/2002		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999	
		Sample Type	N		N		N		N		N		N		N		N		N	
		Field Duplicate Parent																		
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	15200	J	5920	*	5950	*	16400		6570	J	3800	J	3820	J	4760	J	3690	J
ANTIMONY	7440-36-0	27	0.82	UJ	0.9864	U	2.2	B	0.7548	U	1.2	UJ	1.3	UJ	0.83	UJ	0.59	UJ	1	UJ
ARSENIC	7440-38-2	10	5.3	J	6.9		7.8		3		9	J	**15.5**	J	**12.7**	J	8.8	J	**10.7**	J
BARIUM	7440-39-3	4700	78.2	J	133		52.8		72.1		83.9	J	151	J	105	J	69.9	J	84.5	J
BERYLLIUM	7440-41-7	2	0.68	J	0.67	B	0.32	B	0.69	B	0.62	J	0.82	J	0.84	J	0.64	J	0.88	J
CADMIUM	7440-43-9	34	0.34	J	10.5		1.5		0.51	B	5.4	J	9.4	J	4.4	J	8.3	J	6.5	J
CALCIUM	7440-70-2	--	2380	J	3180		4570		1210	B	2010	J	5570	J	2600	J	2910	J	2690	J
CHROMIUM	7440-47-3	3900	26	J	28.8	*	19.3	*	20.4		13.8	J	14.1	J	11.1	J	10.1	J	12.9	J
COBALT	7440-48-4	--	6.1	J	6.4	B	5.1	B	6.9	B	5.5	J	5.5	J	5.6	J	4.3	J	5.2	J
COPPER	7440-50-8	2500	35.9	J	1230	*	**13700**	*	43.5		787	J	938	J	610	J	505	J	1370	J
CYANIDE	57-12-5	1400	0.11	J	0.26	J	0.19	J	0.18	B	0.27	J	0.81	J	0.44	J	0.23	J	0.37	J
IRON	7439-89-6	--	16700	J	12200	*	14000	*	17800		12300	J	9570	J	12100	J	9080	J	10300	J
LEAD	7439-92-1	500	24.3	J	294	*E	**758**	*E	26.5		185	J	280	J	212	J	121	J	187	J
MAGNESIUM	7439-95-4	--	3280	J	1790		2460		3490		1860	J	1050	J	792	J	1180	J	896	J
MANGANESE	7439-96-5	--	378	J	155		270		326		191	J	161	J	113	J	124	J	122	J
MERCURY	7439-97-6	20	0.11	UJ	0.45		0.09	B	0.08	B	0.22	UJ	0.38	J	0.41	J	0.43	J	1.2	J
NICKEL	7440-02-0	1400	16.1	UJ	85.3		48.8		15		31.7	J	43.5	J	29.4	J	29.1	J	37.6	J
POTASSIUM	7440-09-7	--	1300	J	949	B	881	B	1270		1120	J	670	J	594	J	621	J	496	J
SELENIUM	7782-49-2	340	0.76	UJ	0.8385	U	0.7981	U	1.2	B	0.68	UJ	0.72	UJ	0.71	UJ	0.69	UJ	0.7	UJ
SILVER	7440-22-4	340	0.96	UJ	3.2		1.4	B	0.2516	U	2.3	J	1.9	J	1.9	J	2.1	J	1.3	J
SODIUM	7440-23-5	--	242	UJ	2250		6900		370	B	249	UJ	217	UJ	184	UJ	177	UJ	205	UJ
THALLIUM	7440-28-0	5.4	1.4	UJ	1.5043	U	1.4319	U	1.5	B	1.3	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.3	UJ
VANADIUM	7440-62-2	470	31.1	J	126	*	58.2	*	29.9		24.2	J	20.2	J	19.3	J	18.4	J	32.7	J
ZINC	7440-66-6	20000	94.6	J	2550	*	8440	*	100		1090	J	1450	J	898	J	746	J	2030	J

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
mg/Kg - Milligrams per Kilogram (part per million)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposure Criteria
VALUE Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.		9 Store Ave.	
		Top Depth	0.5		10		10		15		4		4		15	
		Sample Location	SS-09		SB143		SB144		SB12		SB195		SB196		SB142	
		Sample ID	MAMH39		80018-SB143-1012		80018-SB144-1012		SB12-15-20~47321~~101702		80018-SB195-0410-0311		80018-SB196-0410-0311		80018-SB142-1517	
		Risk Zone	F*		F*		F*		F*		F*		F*		F*	
		Bottom Depth	2		12		12		20		9		9		17	
		Sample Date	4/28/1999		10/27/2008		10/27/2008		10/17/2002		3/30/2011		3/31/2011		10/28/2008	
		Sample Type	FD		N		N		N		N		N		N	
		Field Duplicate Parent	MAMH38													
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	3200	J	4340		7810		6300		2550		5390		2520	
ANTIMONY	7440-36-0	27	0.92	UJ	2	J		R	1.1905	UN	2.5	J	2.6	J	0.54	J
ARSENIC	7440-38-2	10	7.9	J	6.3		4.4		9.6		**10.8**		5.5		9	
BARIUM	7440-39-3	4700	106	J	49.6		77.9		74.2		174		52		51.4	
BERYLLIUM	7440-41-7	2	0.62	J	0.3	J	0.34	J	0.35	B	0.87		0.6		0.24	J
CADMIUM	7440-43-9	34	3.6	J	**42.5**	J	9.5	J	**35.4**		9.3		**40.4**		24.7	
CALCIUM	7440-70-2	--	2950	J	1080		4500		2700		8480		2110		2510	
CHROMIUM	7440-47-3	3900	7.6	J	8.6		8.5		12.5	*	24.4		17.3		4.2	
COBALT	7440-48-4	--	4.4	J	3.1	J	6.4	J	6.8	B	6		5		3.1	J
COPPER	7440-50-8	2500	358	J	**9510**		1230		**4260**	*	**42300**		**7990**		1460	
CYANIDE	57-12-5	1400	0.48	J	3.2	U	3	U	0.13	UN	0.7	U	0.22	J	2.8	U
IRON	7439-89-6	--	6130	J	8940		15100		10900		14800		23700		8530	
LEAD	7439-92-1	500	132	J	**588**	J	135	J	236	*	496		**724**		130	
MAGNESIUM	7439-95-4	--	802	J	1290		4360		2370		899		1590		1040	
MANGANESE	7439-96-5	--	94.2	J	113		162		123	N	136		271		69.8	
MERCURY	7439-97-6	20	0.76	J	0.43		0.22		0.11	B	0.18		0.08	J	0.11	J
NICKEL	7440-02-0	1400	22.8	J	51.1		22.2		48.4	N*	133		148		17.9	
POTASSIUM	7440-09-7	--	407	J	768		1800		1230	B	332	J	990		455	J
SELENIUM	7782-49-2	340	0.71	UJ	1.4	J	4.2	U	1.2	BN	2.8	J	4.5		1.1	J
SILVER	7440-22-4	340	1.1	J	2.9	J	0.85	J	0.2679	U	1.9		0.72	J	0.6	J
SODIUM	7440-23-5	--	193	UJ	222	J	166	J	4960		515	J	265	J	131	J
THALLIUM	7440-28-0	5.4	1.3	UJ	3.2	UJ	3	UJ	1.8155	U	3	U	2.5	U	2.8	U
VANADIUM	7440-62-2	470	17.4	J	14.4		27.2		23.1	*	17		83.9		13.5	
ZINC	7440-66-6	20000	538	J	17500		2620		5610	*	4370		7370		5150	

Notes:
CT-Soil Direct Exposure; Residential - State of Connecticut Regulation DEP Appendix
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.
mg/Kg - Milligrams per Kilogram (part per million)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposure Criteria
VALUE Indicates an exceedence of EPA RSL value

Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
		Top Depth	0		0		0		0		0		0	
		Sample Location	SS143		SS144		SS145		SS25		SS26		SS-39	
		Sample ID	80018-SS143-0002		80018-SS144-0002		80018-SS145-0002		SS-025~47168~~100802		SS-026~P4845-08~~102402		MAMJ06	
		Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*	
		Bottom Depth	2		2		2		0.25		0.25		0.5	
		Sample Date	11/1/2008		10/25/2008		11/1/2008		10/8/2002		10/24/2002		4/28/1999	
		Sample Type	N		N		N		N		N		N	
		Field Duplicate Parent												
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	9430		6740		7390		7390	*	7920		6870	J
ANTIMONY	7440-36-0	8200	6.6	U	6.6	UJ	6.7	U	0.8584	U	0.7843	U	4.8	J
ARSENIC	7440-38-2	10	3.3		1.8		3.6		1.8	B	2.9		3.6	J
BARIUM	7440-39-3	140000	65.3		31	J	70.2		58.9		48.3		42	J
BERYLLIUM	7440-41-7	2	0.41	J	0.3	J	0.33	J	0.14	B	0.37	B	0.36	J
CADMIUM	7440-43-9	1000	0.64		0.67		1.6		0.28	B	0.0896	U	0.8	J
CALCIUM	7440-70-2	--	1270		467	J	1100		1400		1410		1020	J
CHROMIUM	7440-47-3	51000	12.8		10.1	J	12.6		14.7	*	12.1		12.5	J
COBALT	7440-48-4	--	5.7		4.3	J	4.7	J	5.9	B	6.3	B	4	J
COPPER	7440-50-8	76000	98.9		46.1	J	412		51.6	*			103	J
CYANIDE	57-12-5	41000	2.7	U	2.8	U	2.8	U		R	0.38	B	0.38	J
IRON	7439-89-6	--	14800		10700		12500		14400	*	13700		10400	J
LEAD	7439-92-1	1000	76.3		44	J	71		72	*E	84.4		120	J
MAGNESIUM	7439-95-4	--	3300		1640		2040		3390		2620		1650	J
MANGANESE	7439-96-5	--	206		184		179		135		221		172	J
MERCURY	7439-97-6	610	0.15		0.37		0.3		0.06	B	0.1088	U	0.2	UJ
NICKEL	7440-02-0	7500	20.5		10		57.6		9.9		10.4		14.3	J
POTASSIUM	7440-09-7	--	2330		982		1180		3410				664	J
SELENIUM	7782-49-2	10000	3.8	U	3.9	U	3.9	U	0.88	B	0.6723	U	0.79	J
SILVER	7440-22-4	10000	0.97	J	0.46	J	3.4		0.1931	U	0.3	BN	0.96	J
SODIUM	7440-23-5	--	94.2	J	41.9	J	67.8	J	614	B	105.9944	U	140	UJ
THALLIUM	7440-28-0	160	2.7	U	2.8	U	2.8	U	1.309	U	0.6947	U	1.3	UJ
VANADIUM	7440-62-2	14000	23.1		15.7	J	20.9		31.4	*	32.1		38.1	J
ZINC	7440-66-6	610000	189		51.9	J	358		56.7	*	68.7		179	J

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposure Criteria

Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
		Top Depth	0		0.5		0.5		5		5		9		9		9		10		14	
		Sample Location	SS-40		SS-39		SS-40		SB155		SB162		SB157		SB159		SB160		SB161		SB156	
		Sample ID	MAMJ08		MAMJ07		MAMJ09		80018-SB155-0507		80018-SB162-0507		80018-SB157-0911		80018-SB159-0911		80018-SB160-0911		80018-SB161-1012		80018-DUP07-1416	
		Risk Zone	E2*		E2*		E2*		E2*		E2*		E2*		E2*		E2*		E2*		E2*	
		Bottom Depth	0.5		2		2		7		7		11		11		11		12		16	
		Sample Date	4/28/1999		4/28/1999		4/28/1999		10/25/2008		10/25/2008		11/1/2008		11/1/2008		11/1/2008		10/25/2008		10/25/2008	
		Sample Type	N		N		N		N		N		N		N		N		N		FD	
		Field Duplicate Parent																			80018-SB156-1416	
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	4190	J	7360	J	5720	J	7520		2450		4820		2900		12600		3570		6280	
ANTIMONY	7440-36-0	8200	0.44	UJ	0.46	UJ	0.59	UJ		R		R	8.9	U	8.6	U	8	U		R		R
ARSENIC	7440-38-2	10	0.87	UJ	1.3	J	1.2	J	6.7		8.1		7.4		**13.5**		4.9		**15.4**		9.1	
BARIUM	7440-39-3	140000	23.5	J	53	J	30.8	J	98.8		307		334		101		54.3		232		178	
BERYLLIUM	7440-41-7	2	0.22	UJ	0.36	J	0.29	UJ	0.56	J	1		0.64	J	0.87		0.56	J	1.1		0.85	
CADMIUM	7440-43-9	1000	0.25	J	0.82	J	0.32	J	8.2	J	12.9	J	6.1		1.3		1.1		21.3	J	6.2	J
CALCIUM	7440-70-2	--	807	J	833	J	666	J	9320		437	J	2030		1320		1210		2170		3660	
CHROMIUM	7440-47-3	51000	11.1	J	11.2	J	9.8	J	14.1		5.1		13.5		7.9		15.7		7.6		40.2	
COBALT	7440-48-4	--	2.6	J	5	J	3.4	J	4.6	J	3.3	J	4.4	J	4.3	J	6	J	3.7	J	4.2	J
COPPER	7440-50-8	76000	50.2	UJ	53.2	UJ	50.5	UJ	529		49.9		2070		28.4		161		820		1280	
CYANIDE	57-12-5	41000	0.23	J	0.07	J	0.28	UJ	3	UJ	3.8	UJ	3.7	U	3.6	U	3.3	U	5.2	UJ	4.1	UJ
IRON	7439-89-6	--	7570	J	10700	J	9750	J	10900		2420		7440		5140		15600		2560		9900	
LEAD	7439-92-1	1000	75.5	J	60	J	42.8	J	749	J	5.4	J	200		5.5		39.3		22.4	J	214	J
MAGNESIUM	7439-95-4	--	1490	J	2380	J	1500	J	2230		78.1	J	1450		509	J	1810		511	J	1510	
MANGANESE	7439-96-5	--	115	J	227	J	176	J	183		54.2		120		60.7		200		41.3		122	
MERCURY	7439-97-6	610	0.23	UJ	0.19	UJ	1.3	UJ	0.34		0.11	J	0.19		0.084	J	0.26		0.18	J	0.43	
NICKEL	7440-02-0	7500	7.3	J	13.5	J	8.5	J	19.2		11.7		44.8		17.9		94		222		60.4	
POTASSIUM	7440-09-7	--	700	J	1710	J	823	J	1300		135	J	1410		530	J	754		683	J	987	
SELENIUM	7782-49-2	10000	0.62	UJ	0.66	UJ	0.66	UJ	4.2	U	5.3	U	5.2	U	0.4	J	0.91	J	7.3	U	0.63	J
SILVER	7440-22-4	10000	0.68	UJ	0.81	UJ	0.69	UJ	0.7	J	1.5	U	0.49	J	1.4	U	0.52	J	6.9	J	3.2	J
SODIUM	7440-23-5	--	145	UJ	157	UJ	173	UJ	103	J	38.2	J	123	J	116	J	131	J	202	J	119	J
THALLIUM	7440-28-0	160	1.2	UJ	1.2	UJ	1.2	UJ	3	UJ	3.8	UJ	3.7	U	3.6	U	3.3	U	5.2	UJ	4.1	UJ
VANADIUM	7440-62-2	14000	16.4	J	21.3	J	15	J	19.8		14.3		18.9		17.8		47.9		45.4		22.2	
ZINC	7440-66-6	610000	117	J	111	J	104	J	905		53.6		3230		739		157		1330		5870	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2010
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposu

Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.	
		Top Depth	14		0		4		0		0		0		0.5		5.5		11.5		11.5	
		Sample Location	SB156		SS142		SB204		SB46		SS-14		SS15		SS-14		SB46		SB46		SB46	
		Sample ID	80018-SB156-1416		80018-SS142-0006		80018-SB204-0410-0311		S-052104-JR-155		MAMH49		SS-015~51155~~103102		MAMH50		S-052104-JR-156		S-052104-JR-157		S-052104-JR-158	
		Risk Zone	E2*		E2*		E2*		H*		H*		H*		H*		H*		H*		H*	
		Bottom Depth	16		0.5		9		2		0.5		0.25		2		7.5		15		15	
		Sample Date	10/25/2008		10/16/2008		3/31/2011		5/21/2004		4/28/1999		10/31/2002		4/28/1999		5/21/2004		5/21/2004		5/21/2004	
		Sample Type	N		N		N		N		N		N		N		N		N		FD	
		Field Duplicate Parent																			S-052104-JR-157	
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	7700		8330		5250		5570	J	10900	J	8070		6210	J	6690	J	6930	J	9260	J
ANTIMONY	7440-36-0	8200		R		R	0.49	J	12.7	UJ	0.5	UJ	0.658	U	0.83	UJ	2.9	J		R		R
ARSENIC	7440-38-2	10	**10.9**		2.5		3.3		8.7	UJ	2.9	J	3.7		6.2	J	2.2	J	**10.3**	J	6.4	J
BARIUM	7440-39-3	140000	165		55.7		73.8		24.3	J	45	J	56.6		114	J	75.7	J	132	J	127	J
BERYLLIUM	7440-41-7	2	1.1		0.35	J	0.42	J	2.2	UJ	0.63	J	0.6	B	0.57	J	2.7	UJ	0.9	J	3.2	UJ
CADMIUM	7440-43-9	1000	11	J	1.8		1.7		3.3	UJ	0.5	J	1.1		5.4	J	4	UJ	4.7	UJ	4.8	UJ
CALCIUM	7440-70-2	--	3260		899		3740				855	J	2130		1320	J						
CHROMIUM	7440-47-3	51000	60.5		14.4	J	12.3		4.4	J	17.6	J	20.6		17.6	J	12.9	J	15.1	J	12.4	J
COBALT	7440-48-4	--	4.9	J	3.1	J	4.4	J	5.3	J	5.7	J	5.47	B	5.8	J	5.5	J	10.3	J	8.3	J
COPPER	7440-50-8	76000	1760		94.9		130		41	J	108	J	94		1050	J	93.6	J	289	J	174	J
CYANIDE	57-12-5	41000	4.3	UJ	2.9	U	0.53	U	0.492	UJ	0.45	J	1		0.6	J	0.529	UJ	0.654	UJ	0.646	UJ
IRON	7439-89-6	--	9830		10300		14400				13800	J	12400		11300	J						
LEAD	7439-92-1	1000	284	J	96.5	J	30.7		13.4	J	54.2	J	91.3		181	J	153	J	102	J	60.9	J
MAGNESIUM	7439-95-4	--	1680		1680		1990				2550	J	2630		2020	J						
MANGANESE	7439-96-5	--	121		145	J	196				464	J	321		221	J						
MERCURY	7439-97-6	610	0.48		0.19	J	0.22		0.027	J	0.13	UJ	0.11	B	32	UJ	0.034	J	0.19	J	0.12	J
NICKEL	7440-02-0	7500	86.6		11.9		14.9		6.8	J	13.9	J	13.7		62.2	J	25.4	J	161	J	72.1	J
POTASSIUM	7440-09-7	--	966		471	J	1600				952	J	1270		1280	J						
SELENIUM	7782-49-2	10000	1.2	J	4	UJ	2.9	J	17.4	UJ	0.71	UJ	0.658	U	0.68	UJ	21.6	UJ	25.1	UJ	25.8	UJ
SILVER	7440-22-4	10000	7	J	0.41	J	0.29	J	3.3	UJ	1	J	0.2193	U	2.2	J	4	UJ	4.7	UJ	4.8	UJ
SODIUM	7440-23-5	--	137	J	38	J	261	J			231	J	414	B	162	UJ						
THALLIUM	7440-28-0	160	4.3	UJ	2.9	U	2.3	U	23.9	UJ	1.3	UJ	1.6	B	1.3	UJ	29.7	UJ	34.6	UJ	35.5	UJ
VANADIUM	7440-62-2	14000	29.6		34.7		17.8		26.4	J	26.9	J	27.3		83.6	J	71.2	J	849	J	412	J
ZINC	7440-66-6	610000	7590	D	192	J	188		38.1	J	139	J	255		1690	J	199	J	237	J	249	J

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2021
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposu

Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	20 Newman Ave.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.	
		Top Depth	14		0		0		0.5		4		5	
		Sample Location	SB139		SB40		SB40		MW5		SB197		SB18	
		Sample ID	80018-SB139-1416		S-051304-JR-033DL1		S-18281-051304-JR-033		S-052404-JR-166		80018-SB197-0410-0311		SB18-05-10~47322~~101702	
		Risk Zone	H*		G*		G*		G*		G*		G*	
		Bottom Depth	16		2		2		1.5		9		10	
		Sample Date	10/29/2008		5/13/2004		5/13/2004		5/24/2004		3/29/2011		10/17/2002	
		Sample Type	N		N		N		N		N		N	
		Field Duplicate Parent												
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	6400				6730		5900		4040		2670	
ANTIMONY	7440-36-0	8200	12.1	U			40.7	J		R	14.6		0.9401	UN
ARSENIC	7440-38-2	10	**11.3**				**20.7**		8		8.7		4	
BARIUM	7440-39-3	140000	238				1080		153		123		54.2	
BERYLLIUM	7440-41-7	2	0.78	J			2.6	U	2.8	U	0.57		0.28	B
CADMIUM	7440-43-9	1000	6.8				22.6		25.6		40.8		60.3	
CALCIUM	7440-70-2	--	5340								2060		1330	
CHROMIUM	7440-47-3	51000	41.1				66.3		21.9	J	14.8		7	*
COBALT	7440-48-4	--	9.8	J			11		6.7		4.2	J	4.2	B
COPPER	7440-50-8	76000	389				25900		5750	J	24000		7930	*
CYANIDE	57-12-5	41000	5	U			0.092		0.102		0.32	J	0.17	BN
IRON	7439-89-6	--	16900								12700		6870	
LEAD	7439-92-1	1000	130				**2960**		529	J	524		478	*
MAGNESIUM	7439-95-4	--	1110								952		655	B
MANGANESE	7439-96-5	--	81.5								148		77.5	N
MERCURY	7439-97-6	610	0.21		1.2				1		0.53		0.21	
NICKEL	7440-02-0	7500	109				430		64.4	J	170		39.5	N*
POTASSIUM	7440-09-7	--	862	J							652		466	B
SELENIUM	7782-49-2	10000	1.9	J			20.7	UJ	22.8	U	3.3		1.2	N
SILVER	7440-22-4	10000	1.4	J			35.7		4.4	J	10.2		0.24	B
SODIUM	7440-23-5	--	973	J							334	J	12400	
THALLIUM	7440-28-0	160	5	U			28.5	U	31.3	U	2.3	U	1.4336	U
VANADIUM	7440-62-2	14000	303				20		23.9	J	16.3		11.9	*
ZINC	7440-66-6	610000	824				13700		8080	J	14800		18900	*

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical
Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May
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µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
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B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
**VALUE** Indicates an exceedence of CT Direct Exposu
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Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		263 Meriden Rd.		263 Meriden Rd.		265 Meriden Rd.		265 Meriden Rd.		265 Mer
		Top Depth	10		5		5		10		0		9		0		0		4
		Sample Location	SB18		SB119		SB120		SB40		SS113		SB121		SB39		SS23		SB
		Sample ID	SB18-10-20~47323~~101702		80018-SB119-0507		80018-SB120-0507		S-18281-051304-JR-035		80018-SS113-0002		80018-SB121-0913		S-071504-DK-200		SS-023~51155.1~~103102		80018-SB19
		Risk Zone	G*		G*		G*		G*		D3*		D3*		G*		G*		G
		Bottom Depth	20		7		7		15		2		13		2		0.25		9
		Sample Date	10/17/2002		10/23/2008		10/23/2008		5/13/2004		10/22/2008		10/22/2008		7/15/2004		10/31/2002		3/28/
		Sample Type	N		N		N		N		N		N		N		N		N
		Field Duplicate Parent																	
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
ALUMINUM	7429-90-5	--	6490		6280		8440		11600		3900		2190		10200		10800		4230
ANTIMONY	7440-36-0	8200	1.227	UN	4.2	J	6.5	UJ		R		R	0.56	J		R	0.6852	U	1.7
ARSENIC	7440-38-2	10	6.8		6.5		4.5		1.8	J	1.4		**10.5**		4.1		3		6.8
BARIUM	7440-39-3	140000	58.6	B	190	J	149	J	87		29		47.6	J	95.5		41.4	B	142
BERYLLIUM	7440-41-7	2	0.24	B	0.28	J	0.29	J	2.4	U	0.22	J	0.56	J	2.5	U	0.52	B	0.66
CADMIUM	7440-43-9	1000	204		49.4		3.5		3.6	U	0.11	J	34.3		4		0.2284	U	33.6
CALCIUM	7440-70-2	--	2470		3140		3450				656		4420				1050	B	1630
CHROMIUM	7440-47-3	51000	15.8	*	24.8	J	20.9	J	21		5.4	J	21.1	J	7.7	J	13.9		14.7
COBALT	7440-48-4	--	6.5	B	5.1	J	8	J	7.5		2.2	J	7.5	J	13.7		6	B	6.3
COPPER	7440-50-8	76000	1630	*	18100	J	1940	J	30		25.1	J	2060	J	306		26.3		5230
CYANIDE	57-12-5	41000	0.13	UN	3	U	2.7	U	0.51	U	2.7	U	3.5	U	0.501	U	0.14	B	5.8
IRON	7439-89-6	--	12400		16700		19500				6720	J	6330				13400		14600
LEAD	7439-92-1	1000	197	*	**1680**	J	370	J	7.9		43.6	J	94	J	62.9		21.3		702
MAGNESIUM	7439-95-4	--	3220		2050		4620				1300		2770				2550		993
MANGANESE	7439-96-5	--	121	N	255		282				106		159				214		161
MERCURY	7439-97-6	610	0.25		2.9		0.19		0.013	J	0.11	U	0.17		1.2		0.1	B	0.14
NICKEL	7440-02-0	7500	46.8	N*	140		73		14		5.5		50.3		14.6		11.2		50.8
POTASSIUM	7440-09-7	--	2100		1200		2290				979		349	J			1180		539
SELENIUM	7782-49-2	10000	1.5	BN	0.78	J	3.8	U	19.2	UJ	3.8	U	1.1	J	20.2	UJ	0.6852	U	3.5
SILVER	7440-22-4	10000	0.51	B	34.6	J	4	J	3.6	U	0.13	J	1	J	1.4		0.2284	U	2.8
SODIUM	7440-23-5	--	3430		561	J	294	J			75.8	J	277	J			350	B	447
THALLIUM	7440-28-0	160	1.8712	U	3	U	2.7	U	26.4	U	2.7	U	3.5	U	27.8	U	1.6	B	3
VANADIUM	7440-62-2	14000	15.3	B*	14.3	J	38.7	J	31.1		10.6		19.9	J	54.3		23.1		11.6
ZINC	7440-66-6	610000	6530	*	22800	J	2000	J	49.8		34.7	J	2730	J	398		43.9		4290

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May 2021
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
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B - Substance was detected in a blank sample
E - Serial dilution criteria not met
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R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposu

Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	iden Rd.	265 Meriden Rd.		265 Meriden Rd.		281 Meriden Rd.	
		Top Depth	4	5		10		0	
		Sample Location	198	SB39		SB39		SS114	
		Sample ID	8-0410-0311	S-071504-DK-201		S-071504-DK-202		80018-SS114-0002	
		Risk Zone	*	G*		G*		D3*	
		Bottom Depth	9	10		15		2	
		Sample Date	2011	7/15/2004		7/15/2004		10/23/2008	
		Sample Type	N	N		N		N	
		Field Duplicate Parent							
		Unit	/Kg	mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--		2500		6070		8370	
ANTIMONY	7440-36-0	8200	J		R		R		R
ARSENIC	7440-38-2	10		**12.2**		5.2		2.4	
BARIUM	7440-39-3	140000		76.7		43		58.3	
BERYLLIUM	7440-41-7	2		2.3	U	2.7	U	0.39	J
CADMIUM	7440-43-9	1000		11.3		1.6	J	0.2	J
CALCIUM	7440-70-2	--						1800	
CHROMIUM	7440-47-3	51000		6.4	J	32.4	J	11.6	J
COBALT	7440-48-4	--		4.4		4.8		5.3	J
COPPER	7440-50-8	76000		877		313		24.7	J
CYANIDE	57-12-5	41000		0.552	U	0.551	U	2.7	U
IRON	7439-89-6	--						11900	J
LEAD	7439-92-1	1000		100		81.4		30.5	J
MAGNESIUM	7439-95-4	--						2840	
MANGANESE	7439-96-5	--						197	
MERCURY	7439-97-6	610		0.33		0.41		0.063	J
NICKEL	7440-02-0	7500		12.5		14.4		11.2	
POTASSIUM	7440-09-7	--	J					1980	
SELENIUM	7782-49-2	10000	J	18.7	UJ	21.2	UJ	3.8	U
SILVER	7440-22-4	10000		3.5	U	4	U	0.28	J
SODIUM	7440-23-5	--	J					91.9	J
THALLIUM	7440-28-0	160	U	25.7	U	29.2	U	2.7	U
VANADIUM	7440-62-2	14000		16.1		17.1		18.4	
ZINC	7440-66-6	610000		753		416		60.3	J

Notes:
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µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
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B - Substance was detected in a blank sample
E - Serial dilution criteria not met
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R - Value is rejected and not usable
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Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	281 Meriden Rd.		281 Meriden Rd.		299 Meriden Rd.		50 Store Ave.		50 Store Ave.	
		Top Depth	5		4		5		0		0	
		Sample Location	SB122		SB199		SB123		MW4D		SB31	
		Sample ID	80018-SB122-0507		80018-SB199-0410-0311		80018-SB123-0507		S-052004-JR-146		SB31-00-05~P4842-11~~102102	
		Risk Zone	D3*		D3*		D3		I*		I*	
		Bottom Depth	7		9		7		2		5	
		Sample Date	10/22/2008		3/28/2011		10/22/2008		5/20/2004		10/21/2002	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	4570		1190		7110		9570		3100	
ANTIMONY	7440-36-0	8200	8.2	UJ	0.33	J	6.5	UJ	14	UJ	0.8983	U
ARSENIC	7440-38-2	10	5.3		5.7		3.2		5.4		5.8	*
BARIUM	7440-39-3	140000	85.7	J	35.7		48.2	J	101		51.6	
BERYLLIUM	7440-41-7	2	0.64	J	0.89		0.35	J	2.4	U	0.61	B
CADMIUM	7440-43-9	1000	0.33	J	0.18	J	0.49	J	28		0.47	B
CALCIUM	7440-70-2	--	1340		398	J	1750				1620	
CHROMIUM	7440-47-3	51000	6.8	J	4		8.3	J	16.5		6.2	
COBALT	7440-48-4	--	4.8	J	4.1	J	3.6	J	7.3		4.6	B
COPPER	7440-50-8	76000	33.8	J	18.6		37.3	J	448		112	*E
CYANIDE	57-12-5	41000	3.4	U	0.22	J	2.7	U			0.07	B
IRON	7439-89-6	--	8180		2610		9440				5980	*
LEAD	7439-92-1	1000	48.2	J	6		96.5	J	149		43.9	
MAGNESIUM	7439-95-4	--	1420		120	J	1750				1260	B
MANGANESE	7439-96-5	--	118		16.6		170				70.4	
MERCURY	7439-97-6	610	0.057	J	0.11	U	0.071	J	0.57		0.16	
NICKEL	7440-02-0	7500	10.8		8.1		9.4		31.7		22	
POTASSIUM	7440-09-7	--	975		150	J	868				291	BE
SELENIUM	7782-49-2	10000	4.8	U	1.4	J	3.8	U	19.2	U	0.7699	U
SILVER	7440-22-4	10000	0.29	J	0.88	U	0.45	J	2.4		0.64	BN
SODIUM	7440-23-5	--	130	J	212	J	79.4	J			121.3941	U
THALLIUM	7440-28-0	160	3.4	U	2.2	U	2.7	U	26.3	UJ	0.7956	U
VANADIUM	7440-62-2	14000	16.9	J	9		14.7	J	40.4		16.8	
ZINC	7440-66-6	610000	63.7	J	8.2		160	J	1460		191	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
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Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
		Top Depth	0		0		0		0	
		Sample Location	SB34		SB35		SS24		SS29	
		Sample ID	SB34-00-05~P4842-13~~102202		SB35-00-05~P4845-05~~102202		SS-024~51155.1~~103102		SS-029~51168~~110102	
		Risk Zone	I*		I*		I*		I*	
		Bottom Depth	5		5		0.25		0.25	
		Sample Date	10/22/2002		10/22/2002		10/31/2002		11/1/2002	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	6040		8000		7400		4460	
ANTIMONY	7440-36-0	8200	0.7094	U	0.839	U	0.6464	U	0.6766	U
ARSENIC	7440-38-2	10	1.7	B*	4.1		1.1	B	1.6	B
BARIUM	7440-39-3	140000	37.4	B	64.8		25.5	B	51.7	
BERYLLIUM	7440-41-7	2	0.4	B	0.57	B	0.33	B	0.33	B
CADMIUM	7440-43-9	1000	0.0811	U	2.3		0.25	B	0.77	B
CALCIUM	7440-70-2	--	1280		1480		2700		2470	
CHROMIUM	7440-47-3	51000	8.1		13.4		11		15.7	
COBALT	7440-48-4	--	5.92	B	11.2	B	3.5	B	4	B
COPPER	7440-50-8	76000	22.5	*E			13.5		111	
CYANIDE	57-12-5	41000	0.06	U	0.43	B	0.11	U	0.27	B
IRON	7439-89-6	--	11500	*	15400		9140		8950	
LEAD	7439-92-1	1000	8.4		83.8		56.81		239	
MAGNESIUM	7439-95-4	--	2250		1670		2470		2050	
MANGANESE	7439-96-5	--	179		336		119		134	
MERCURY	7439-97-6	610	0.089	U	0.29		0.0539	U	1.2	
NICKEL	7440-02-0	7500	9.13		59.3		7.2	B	11	
POTASSIUM	7440-09-7	--			718	BE	972	B	1060	B
SELENIUM	7782-49-2	10000	0.608	U	1.2		0.6464	U	0.6766	U
SILVER	7440-22-4	10000	0.27	BN	3.5	N	0.2155	U	0.96	B
SODIUM	7440-23-5	--	95.8683	U	113.3885	U	336	B	349	B
THALLIUM	7440-28-0	160	0.6283	U	0.95	B	1	B	1.5	B
VANADIUM	7440-62-2	14000	18.1		26.3		15.5		26.8	
ZINC	7440-66-6	610000	33.9		390		41.1		166	

Notes:
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Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
		Top Depth	0		3.5		4		5		5	
		Sample Location	SS35		MW4D		SB25		SB26		SB34	
		Sample ID	SS-035~51169.1~~110102		S-052004-JR-147		SB-25-04-06~47108~~100302		SB26-05-10~P4842-05~~102102		SB34-05-08~P4842-14~~102202	
		Risk Zone	I*		I*		I*		I*		I*	
		Bottom Depth	0.25		8.5		6		10		8	
		Sample Date	11/1/2002		5/20/2004		10/3/2002		10/21/2002		10/22/2002	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	6160		3460		1400		4400		6720	
ANTIMONY	7440-36-0	8200	0.8068	U	13.7	UJ	1.2	J	0.8485	U	0.6886	U
ARSENIC	7440-38-2	10	2.9		9.1		**21.5**	EB	7.2	*	2.7	*
BARIUM	7440-39-3	140000	64.5		603		44.5		59.8		43.2	
BERYLLIUM	7440-41-7	2	0.33	B	2.3	U	0.81		0.52	B	0.4	B
CADMIUM	7440-43-9	1000	0.81	B	3.7		0.25	J	9.6		0.0787	U
CALCIUM	7440-70-2	--	4770				350		27300		879	B
CHROMIUM	7440-47-3	51000	15.1		5.4		4.3	EB	7.5		9.3	
COBALT	7440-48-4	--	4.9	B	3.6		2.9		4.9	B	7	B
COPPER	7440-50-8	76000	90		256		33.8	J	2143	*E	31.8	*E
CYANIDE	57-12-5	41000	0.46	B	0.236		0.1	UJ	0.07	U	0.06	U
IRON	7439-89-6	--	12300				2230		6020	*	13500	*
LEAD	7439-92-1	1000	191		**1020**		11.5	J	148		5.9	
MAGNESIUM	7439-95-4	--	2460				82.5		2220		2550	
MANGANESE	7439-96-5	--	258				9.6	J	87.4		204	
MERCURY	7439-97-6	610	0.21		0.12		0.0576	U	0.22		0.1013	U
NICKEL	7440-02-0	7500	24.6		14.8		7.4		26.5		11.4	
POTASSIUM	7440-09-7	--	1150	B			242	EB	525	BE		
SELENIUM	7782-49-2	10000	0.8068	UN	18.8	U	1.2	J	0.7273	U	1	
SILVER	7440-22-4	10000	0.2689	U	92.5		0.23	J	0.47	BN	0.26	BN
SODIUM	7440-23-5	--	451	BN			404	JEB	312	B	93.0544	U
THALLIUM	7440-28-0	160	1.3	B	25.8	UJ	1.4	U	0.7515	U	0.6099	U
VANADIUM	7440-62-2	14000	25.9		23.2		10.8		13.7		19.9	
ZINC	7440-66-6	610000	210	EN	487		47.4		3240		32.6	

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Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
		Top Depth	5		7		10		10	
		Sample Location	SB35		SB145		SB25		SB25	
		Sample ID	SB35-05-10~P4845-04~~102302		80018-SB145-0709		KSB25-10-15~P4842-03~FDOFMA0T04~102102		SB25-10-15~P4842-02~FDOFMA0T05~102102	
		Risk Zone	I*		I*		I*		I*	
		Bottom Depth	10		9		15		15	
		Sample Date	10/23/2002		10/21/2008		10/21/2002		10/21/2002	
		Sample Type	N		N		FD		N	
		Field Duplicate Parent					SB25-10-15~P4842-02~FDOFMA0T05~102102			
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	7390		3920		933		788	
ANTIMONY	7440-36-0	8200	0.8994	U		R	0.9249	U	0.9494	U
ARSENIC	7440-38-2	10	**12.8**		9.7		7.9	*	9.5	*
BARIUM	7440-39-3	140000	85.6		37.7		46.2	B	36.1	B
BERYLLIUM	7440-41-7	2	0.84	B	0.64	J	0.32	B	0.31	B
CADMIUM	7440-43-9	1000	1.7		1.7		3.3		2.1	
CALCIUM	7440-70-2	--	1410		2060		2280		2500	
CHROMIUM	7440-47-3	51000	14.3		6.6	J	5		4.7	
COBALT	7440-48-4	--	6.3	B	3.6	J	3.2	B	3.7	B
COPPER	7440-50-8	76000			187	J	204	*E	103	*E
CYANIDE	57-12-5	41000	0.45	B	3.9	U	0.07	U	0.08	U
IRON	7439-89-6	--	12200		11100	J	6570	*	11300	*
LEAD	7439-92-1	1000	45.2		58.7	J	19.7		13.9	
MAGNESIUM	7439-95-4	--	1230	B	475	J	209	B	190	B
MANGANESE	7439-96-5	--	176		64.6		15.1		10.9	
MERCURY	7439-97-6	610	0.16		0.12	J	0.1348	U	0.137	U
NICKEL	7440-02-0	7500	25.9		12.1		14.1		15	
POTASSIUM	7440-09-7	--	461	BE	484	J	183	BE	159	BE
SELENIUM	7782-49-2	10000	2.3		1.1	J	0.8	B	1.6	
SILVER	7440-22-4	10000	1.6	BN	0.17	J	7.3	N	3.4	N
SODIUM	7440-23-5	--	121.5532	U	102	J	124.9934	U	128.306	U
THALLIUM	7440-28-0	160	1.3	B	3.9	U	0.8192	U	1.3	B
VANADIUM	7440-62-2	14000	157		13.6		9.3	B	9.1	B
ZINC	7440-66-6	610000	450		243	J	456		414	

Notes:
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Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
		Top Depth	10		10		10		10		10.5	
		Sample Location	SB26		SB27		SB27		SB31		MW4D	
		Sample ID	SB26-10-15~P4842-10~~102102		SB27-10-15~P4845-06~~102202		SB27-10-15~P4845-07~~102202		SB31-10-15~P4842-04~~102102		S-052004-JR-148	
		Risk Zone	I*		I*		I*		I*		I*	
		Bottom Depth	15		15		15		15		15	
		Sample Date	10/21/2002		10/22/2002		10/22/2002		10/21/2002		5/20/2004	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	3670		8010		2730		2030		10500	
ANTIMONY	7440-36-0	8200	0.9639	U	0.9887	U	3.3	B	0.9427	U	3.9	UJ
ARSENIC	7440-38-2	10	**10.1**	*	**19.7**		**12.3**		**18.8**	*	**10.9**	
BARIUM	7440-39-3	140000	110		167		371		29.3	B	134	
BERYLLIUM	7440-41-7	2	0.36	B	1.4	B	0.52	B	0.6	B	2.8	U
CADMIUM	7440-43-9	1000	88.6		16.7		198		1.4		18.7	
CALCIUM	7440-70-2	--	8150		23300		7210		1680			
CHROMIUM	7440-47-3	51000	222		15.8		655		5.4		20.4	
COBALT	7440-48-4	--	5.5	B	6.8	B	5.3	B	3.3	B	10.3	
COPPER	7440-50-8	76000	10400	*E					134	*E	1500	
CYANIDE	57-12-5	41000	0.08	U	0.46	B	0.41	B	0.08	B	1.67	
IRON	7439-89-6	--	12700	*	12700		21600		11000	*		
LEAD	7439-92-1	1000	**1240**		274		**1200**		27.7		363	
MAGNESIUM	7439-95-4	--	1270	B	4730		1750		251	B		
MANGANESE	7439-96-5	--	149		229		123		42.8			
MERCURY	7439-97-6	610	0.26		0.76		1		0.19		1.1	
NICKEL	7440-02-0	7500	185		51		177		7.6	B	85.6	
POTASSIUM	7440-09-7	--	589	BE	835	BE	350	BE	137	BE		
SELENIUM	7782-49-2	10000	0.8262	U	3.2		2.4		1.5		22.5	U
SILVER	7440-22-4	10000	1.5	BN	2.2	BN	4	N	0.5	BN	12.7	
SODIUM	7440-23-5	--	1500		450	B	322	B	127.3971	U		
THALLIUM	7440-28-0	160	0.8537	U	0.8757	U	1.8	B	0.8349	U	31	UJ
VANADIUM	7440-62-2	14000	18.9		35.5		12.4	B	12.2	B	40.2	
ZINC	7440-66-6	610000	13400		2900		3220		78.4		3470	

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Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
		Top Depth	14		4		4		4		4		15	
		Sample Location	SB146		SB201		SB202		SB203		SB203		SB31	
		Sample ID	80018-SB146-1416		80018-SB201-0410-0311		80018-SB202-0410-0311		80018-DUP01-0410-0311		80018-SB203-0410-0311		SB31-15-20~P4842-12~~102102	
		Risk Zone	I*		I*		I*		I*		I*		I*	
		Bottom Depth	16		9		9		9		9		20	
		Sample Date	10/24/2008		3/29/2011		3/29/2011		3/29/2011		3/29/2011		10/21/2002	
		Sample Type	N		N		N		FD		N		N	
		Field Duplicate Parent							80018-SB203-0410-0311					
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	4200		1840		7410		3290		2940		11400	
ANTIMONY	7440-36-0	8200		R	0.78	J	2.7	J	1.2	J	0.82	J	0.9901	U
ARSENIC	7440-38-2	10	1.5		9.7		**14.8**		**69.9**		**45.4**		5.5	*
BARIUM	7440-39-3	140000	23.1		54.1		302		170		104		22.3	B
BERYLLIUM	7440-41-7	2	0.25	J	0.81		1.2		1.3		1.1		0.67	B
CADMIUM	7440-43-9	1000	0.074	J	0.91		25.9		2.1		1.1		0.2	B
CALCIUM	7440-70-2	--	353	J	684		14200		2330		2530		1270	B
CHROMIUM	7440-47-3	51000	6.2		6		36.3		9.9		8.5		8.5	
COBALT	7440-48-4	--	2.5	J	4.8	J	8.7		7.1		7		4.3	B
COPPER	7440-50-8	76000	10.6		113		2900		111		115		458	*E
CYANIDE	57-12-5	41000	2.7	UJ	0.59	U	0.23	J	0.28	J	0.6	U	0.08	U
IRON	7439-89-6	--	7340		7540		34600		11900		9270		11400	*
LEAD	7439-92-1	1000	2.2	J	106		572		44.3		39.4		9.9	
MAGNESIUM	7439-95-4	--	1350		246	J	3100		220	J	305	J	1360	B
MANGANESE	7439-96-5	--	193		39.3		319		29.4		27.2		51.4	
MERCURY	7439-97-6	610	0.11	U	0.05	J	2.4		0.21		0.29		0.1361	U
NICKEL	7440-02-0	7500	4.6		11.7		115		17.8		17.1		8.5	B
POTASSIUM	7440-09-7	--	1120		152	J	915		337	J	280	J	492	BE
SELENIUM	7782-49-2	10000	3.7	U	2.3	J	6.9		9.7		5.7		1.5	
SILVER	7440-22-4	10000	0.19	J	0.2	J	1.2	J	0.27	J	0.31	J	0.3112	UN
SODIUM	7440-23-5	--	54.2	J	222	J	663		312	J	253	J	133.8048	U
THALLIUM	7440-28-0	160	2.7	UJ	2.6	U	3.3	U	0.5	J	0.24	J	0.8769	U
VANADIUM	7440-62-2	14000	9.2		13.9		446		33.1		25.4		19.8	
ZINC	7440-66-6	610000	19.7		61.1		3800		76.4		109		136	

Notes:
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Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.		55 Store Ave.		77 Store Ave.		77 Store Ave.	
		Top Depth	22.5		0		0		4		11		4		0		0	
		Sample Location	MW4D		SB45		SS18		SB45		SB45		SB194		SS16		SS16	
		Sample ID	S-052004-JR-149		S-051404-JR-014		SS-018~51155.1~~103102		S-051404-JR-012		S-051404-JR-016		80018-SB194-0410-0311		SS-016~51155~~110102		SS-016~51168~~	
		Risk Zone	I*		H*		H*		H*		H*		H*		H*		H*	
		Bottom Depth	26		4		0.25		5.5		15		9		0.25		0.25	
		Sample Date	5/20/2004		5/14/2004		10/31/2002		5/14/2004		5/14/2004		3/29/2011		11/1/2002		11/1/2002	
		Sample Type	N		N		N		N		N		N		N		N	
		Field Duplicate Parent																
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	9910		5670		3920		8270		2310		7910		11100		1500	
ANTIMONY	7440-36-0	8200	22.6	UJ	13.7	U	0.627	U	22.3	U	21	U	1	J	0.7316	U	0.5855	U
ARSENIC	7440-38-2	10	15.5	U	4.7		0.92	B	9.1		5.6		5.8		4.7		2.1	
BARIUM	7440-39-3	140000	63.4		71.1		36.7	B	5200		46.6		881		42.6	B	7.9	B
BERYLLIUM	7440-41-7	2	3.9	U	2.3	U	0.209	U	3.8	U	3.6	U	0.69		0.48	B	0.22	B
CADMIUM	7440-43-9	1000	2.3	J	2.8		0.38	B	17.7		5.4	U	6		0.2439	U	0.1952	U
CALCIUM	7440-70-2	--					1540						15000		1070	B	568	B
CHROMIUM	7440-47-3	51000	17.3		11.9		10.9		27.2		8.5		20		17.3		6.7	
COBALT	7440-48-4	--	12.1		5.3		4	B	7.4		4.1		7.2		5.4	B	1.8	B
COPPER	7440-50-8	76000	840		164		27		790		45.4		624		58.9		7.9	
CYANIDE	57-12-5	41000	0.774	U	0.495	U	0.13	B	0.776	U	0.812	U	0.2	J	0.15	B	1.8	
IRON	7439-89-6	--					9960						19600		12800		7040	
LEAD	7439-92-1	1000	54.6		122		15.9		**4970**		7.9		**1400**		19		6.3	
MAGNESIUM	7439-95-4	--					2330						3510		2380		834	B
MANGANESE	7439-96-5	--					119						263		254		59.2	
MERCURY	7439-97-6	610	0.12		0.1		0.0418	U	0.29		0.036	J	0.7		0.12	B	0.0512	U
NICKEL	7440-02-0	7500	55.9		20.5		9		25.4		39.9		34.2		12.8		3.4	B
POTASSIUM	7440-09-7	--					1380						1690		611	B	298	B
SELENIUM	7782-49-2	10000	31	U	18.7	UJ	0.627	U	30.4	UJ	28.8	UJ	3.9		0.7316	U	0.5855	U
SILVER	7440-22-4	10000	1.9		3.5	U	0.209	U	1.4		5.4	U	2.7		0.2439	U	0.1952	U
SODIUM	7440-23-5	--					319	B					463	J	397	B	286	B
THALLIUM	7440-28-0	160	42.6	UJ	25.7	U	1.3	B	41.8	U	39.5	U	2.8	U	1.2	B	1.7	B
VANADIUM	7440-62-2	14000	26.6		34		16.8		41.3		17.4		74		27.5		9.5	B
ZINC	7440-66-6	610000	923		341		71.4		11400		919		2290		57.9		26.8	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical
Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposu

Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	77 Store Ave.		77 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.	
		Top Depth	9		15		0		0		0		3		5	
		Sample Location	SB147		SB148		SB47		SS10		SS19		SB47		SB20	
		Sample ID	80018-SB147-0911		80018-SB148-1517		S-051904-JR-127		SS-010~51155~~103102		SS-019~51155.1~~103102		S-051904-JR-128		SB20-05-10~P4842-01~~102102	
		Risk Zone	H*		H*		H*		H*		H*		H*		H*	
		Bottom Depth	11		17		1.6		0.25		0.25		6		10	
		Sample Date	10/29/2008		10/29/2008		5/19/2004		10/31/2002		10/31/2002		5/19/2004		10/21/2002	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	8920		941		7730		4240		5380		8660		4080	
ANTIMONY	7440-36-0	8200	13.2	U	6.9	U	15.3	UJ	0.637	U	0.6452	U	21.1	UJ	1.0485	U
ARSENIC	7440-38-2	10	**12.4**		3		2.4	J	2	B	1.1	B	**22.4**		**22.6**	*
BARIUM	7440-39-3	140000	742		267		54.2		34.9	B	39.6	B	610		121	
BERYLLIUM	7440-41-7	2	1.8		0.11	J	2.6	U	0.24	B	0.28	B	1.5	J	0.96	B
CADMIUM	7440-43-9	1000	1.4		1.4		3.9	U	1.2		0.71	B	6.1		0.58	B
CALCIUM	7440-70-2	--	5340		1750				3720		2750				1610	
CHROMIUM	7440-47-3	51000	13.5		7.2		11.8	J	8.2		10.7		25.5	J	11.2	
COBALT	7440-48-4	--	11.1		3	J	5.1		3.6	B	5.7	B	10.8		8	B
COPPER	7440-50-8	76000	1060		278		182	J	74.8		65.6		1900	J	73.4	*E
CYANIDE	57-12-5	41000	5.5	U	2.9	U	0.54		0.26	B	0.19	B	2.43		0.08	B
IRON	7439-89-6	--	11700		4570				899		11500				11600	
LEAD	7439-92-1	1000	54.3		644		71.9	J	42.2		53.1		188	J	15.6	
MAGNESIUM	7439-95-4	--	881	J	333	J			1850		2620				1350	B
MANGANESE	7439-96-5	--	69.9		31.7				173		191				81.6	
MERCURY	7439-97-6	610	0.11	J	0.39		0.077		0.08	B	0.16		0.3		0.1513	U
NICKEL	7440-02-0	7500	30.3		51.2		18.9		14		20		69.4		28.2	
POTASSIUM	7440-09-7	--	2020		195	J			1170		1240				1220	BE
SELENIUM	7782-49-2	10000	1.5	J	4	U	20.9	U	0.637	U	0.6452	U	28.8	U	0.8987	U
SILVER	7440-22-4	10000	0.85	J	31.1		3.9	U	0.2123	U	0.2151	U	2.6		0.65	BN
SODIUM	7440-23-5	--	419	J	66.2	J			337	B	446	B			141.6995	U
THALLIUM	7440-28-0	160	5.5	U	2.9	U	28.8	UJ	1.02	B	1.2	B	39.6	UJ	1.6	B
VANADIUM	7440-62-2	14000	84.7		10.2		44.7		27.3		33.1		102		22.6	
ZINC	7440-66-6	610000	613		570		276		280		201		3380		442	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
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EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Commercial/Industrial Soil Scenario;May
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
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Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		87 Store Ave.		Meriden Rd.		Meriden Rd.	
		Top Depth	10		10		15		4		16		20		0		5	
		Sample Location	SB20		SB47		SB149		SB193		SB47		SB47		SS118		SB128	
		Sample ID	SB20-10-15~P4842-09~~102102		S-051904-JR-129		80018-SB149-1517		80018-SB193-0410-0311		S-051904-JR-132		S-051904-JR-133		80018-SS118-0002		80018-SB128-0507	
		Risk Zone	H*		H*		H*		H*		H*		H*		D3*		D3*	
		Bottom Depth	15		14		17		9		18		24		2		7	
		Sample Date	10/21/2002		5/19/2004		10/27/2008		3/30/2011		5/19/2004		5/19/2004		10/22/2008		10/22/2008	
		Sample Type	N		N		N		N		N		N		N		N	
		Field Duplicate Parent																
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	3680		6580		4060		8310		6050		7080		9420		7070	
ANTIMONY	7440-36-0	8200	1.2195	U	30	UJ	1.4	J	0.6	J	27.1	UJ	18.7	UJ		R	6.6	UJ
ARSENIC	7440-38-2	10	**13.3**	*	**17.1**		**15.3**		3.3		**10.8**		2.7	J	2.4		4.5	
BARIUM	7440-39-3	140000	160		353		137		149		195		60		42.5		50.7	J
BERYLLIUM	7440-41-7	2	1.1	B	1.7	J	0.49	J	0.73		4.6	U	3.2	U	0.37	J	0.36	J
CADMIUM	7440-43-9	1000	5.8		7.7	U	5.6	J	4.6		3.4	J	4.8	U	0.22	J	0.64	
CALCIUM	7440-70-2	--	2100				5260		1720						640		9200	
CHROMIUM	7440-47-3	51000	10.2		15.8	J	18.3		25.8		16.6	J	14.9	J	10.4	J	8.4	J
COBALT	7440-48-4	--	5.3	B	12.4		6.3	J	6.4		7.8		7.6		4.8	J	5	J
COPPER	7440-50-8	76000	2520	*E	99.6	J	2700		1940		283	J	65.9	J	22.3	J	86.5	J
CYANIDE	57-12-5	41000	0.1	U	1.02	U	4	U	0.16	J	1.01	U	0.639	U	2.8	U	2.7	U
IRON	7439-89-6	--	4800	*			9880		15600						13000	J	13300	
LEAD	7439-92-1	1000	108		56.7	J	467	J	**1130**		84.5	J	15	J	28.2	J	101	J
MAGNESIUM	7439-95-4	--	883	B			1290		3220						2290		2390	
MANGANESE	7439-96-5	--	56.8				124		151						202		240	
MERCURY	7439-97-6	610	0.1659	U	0.12		0.58		0.27		0.2		0.026		0.019	J	0.1	J
NICKEL	7440-02-0	7500	197		90.9		259		45.6		71.7		27.6		10		11.6	
POTASSIUM	7440-09-7	--	547	BE			657	J	2410						1290		900	
SELENIUM	7782-49-2	10000	1.2	B	41	U	1.9	J	3.5		37	U	25.5	U	3.9	U	3.8	U
SILVER	7440-22-4	10000	0.48	BN	7.7	U	6.9	J	1.5		1.1	J	4.8	U	0.26	J	0.63	J
SODIUM	7440-23-5	--	318	B			100	J	279	J					49.2	J	104	J
THALLIUM	7440-28-0	160	1.0801	U	56.4	UJ	4	UJ	2.2	U	50.9	UJ	35.1	UJ	2.8	U	2.7	U
VANADIUM	7440-62-2	14000	38		478		93.4		79.7		143		60.9		18.1		20.6	J
ZINC	7440-66-6	610000	2650		610		4470		1350		875		125		42.1	J	261	J

Notes:
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µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
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UJ - Substance was analyed for, but not detected, estimated reporting limit
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
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VALUE Indicates an exceedence of CT Direct Exposu

Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.	
		Top Depth	0		0		4		0.5		6	
		Sample Location	SS38		SS38		SB200		SB38		SB38	
		Sample ID	S-052004-DK-145		S-052004-DK-150		80018-SB200-0410-0311		S-051204-JR-025		S-051204-JR-027	
		Risk Zone	D3*		D3*		D3*		D3*		D3*	
		Bottom Depth	0.5		0.5		9		4		10	
		Sample Date	5/20/2004		5/20/2004		3/28/2011		5/12/2004		5/12/2004	
		Sample Type	N		FD		N		N		N	
		Field Duplicate Parent			S-052004-DK-145							
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	10400		10400		3900		9620		3170	
ANTIMONY	7440-36-0	8200	17.9	UJ	16.7	UJ	0.59	J		R		R
ARSENIC	7440-38-2	10	**10.6**		**11.8**		3.3		4.1		9.8	
BARIUM	7440-39-3	140000	71.3		69.9		37.1		58.9		71.1	
BERYLLIUM	7440-41-7	2	3.1	U	2.9	U	0.36	J	2.5	U	2.9	U
CADMIUM	7440-43-9	1000	4.6	U	4.3	U	0.73		3.8	U	4.3	U
CALCIUM	7440-70-2	--					1580					
CHROMIUM	7440-47-3	51000	29.5		27.1		6.1		11.1		5.8	
COBALT	7440-48-4	--	4.6		4.5		3.1	J	6.1		5	
COPPER	7440-50-8	76000	194		175		42.7		51.7		50.5	
CYANIDE	57-12-5	41000	0.279	J	0.64	U	0.56	U	0.525	U	0.599	U
IRON	7439-89-6	--					8440					
LEAD	7439-92-1	1000	536		487		47		82.2		32.1	
MAGNESIUM	7439-95-4	--					932					
MANGANESE	7439-96-5	--					117					
MERCURY	7439-97-6	610	0.14		0.2		0.04	J	0.058		0.037	
NICKEL	7440-02-0	7500	19.2		18.3		7.5		12.1		11.1	
POTASSIUM	7440-09-7	--					436					
SELENIUM	7782-49-2	10000	24.5	U	22.9	U	1.8	J	20	UJ	22.8	UJ
SILVER	7440-22-4	10000	4.6	U	4.3	U	0.16	J	3.8	U	4.3	U
SODIUM	7440-23-5	--					86.9	J				
THALLIUM	7440-28-0	160	33.6	UJ	31.5	UJ	1.9	U	27.5	U	31.4	U
VANADIUM	7440-62-2	14000	53.6		48.9		13.3		28.2		15.4	
ZINC	7440-66-6	610000	197		197		55.1		102		68.9	

Notes:
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µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
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Appendix G
Analytical Data Summary
Inorganics in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	Used Auto Lot Meriden Rd.		Used Auto Lot Meriden Rd.	
		Top Depth	10		15	
		Sample Location	SB38		SB38	
		Sample ID	S-051204-JR-029		S-051204-JR-031	
		Risk Zone	D3*		D3*	
		Bottom Depth	15		16	
		Sample Date	5/12/2004		5/12/2004	
		Sample Type	N		N	
		Field Duplicate Parent				
		Unit	mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	3090		3240	
ANTIMONY	7440-36-0	8200		R		R
ARSENIC	7440-38-2	10	7.7		7.6	
BARIUM	7440-39-3	140000	71.1		104	
BERYLLIUM	7440-41-7	2	2.9	U	3	U
CADMIUM	7440-43-9	1000	4.3	U	4.5	U
CALCIUM	7440-70-2	--				
CHROMIUM	7440-47-3	51000	6.7		7.4	
COBALT	7440-48-4	--	4.7		5	
COPPER	7440-50-8	76000	45		47.8	
CYANIDE	57-12-5	41000	0.103		0.083	
IRON	7439-89-6	--				
LEAD	7439-92-1	1000	47.8		70.6	
MAGNESIUM	7439-95-4	--				
MANGANESE	7439-96-5	--				
MERCURY	7439-97-6	610	0.083		0.079	
NICKEL	7440-02-0	7500	10.1		10.4	
POTASSIUM	7440-09-7	--				
SELENIUM	7782-49-2	10000	23.1	UJ	23.9	UJ
SILVER	7440-22-4	10000	4.3	U	4.5	U
SODIUM	7440-23-5	--				
THALLIUM	7440-28-0	160	31.7	U	32.9	U
VANADIUM	7440-62-2	14000	15		14.5	
ZINC	7440-66-6	610000	111		109	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut
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µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
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Appendix G
Analytical Data Summary
Chromium Speciation in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	0		0		1		1		4	
		Sample Location	SB185		SB186		SB185		SB186		SB187	
		Sample ID	80018-SB185-0012-0610		80018-SB186-0012-0610		80018-SB185-1224-0610		80018-SB186-1224-0610		80018-SB187-0410-0311	
		Risk Zone	J*		J*		J*		J*		J*	
		Bottom Depth	1		1		2		2		10	
		Sample Date	6/22/2010		6/22/2010		6/22/2010		6/22/2010		4/4/2011	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
CHROMIUM	7440-47-3	3900	13.1		2850		23.9		420		36.5	
TRIVALENT CHROMIUM	16065-83-1	3900	12.4		2800		21		384		36.4	
Chromium-Hexavalent	18540-29-9	100	0.737		53.6		2.94		35.7		0.103	

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.

mg/Kg - Milligrams per Kilogram (part per million)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting

B - Substance was detected in a blank sample

E - Serial dilution criteria not met

N - Matrix spike criteria not met

R - Value is rejected and not usable

VALUE Indicates an exceedence of CT Direct Exposure Criteria

Appendix G
Analytical Data Summary
Chromium Speciation in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		136 Store Ave.		136 Store Ave.			
		Top Depth	0		1		4		0		1			
		Sample Location	SB184		SB184		SB208		SB182		SB182			
		Sample ID	80018-SB184-0012-0610		80018-SB184-1218-0610		80018-SB208-0410-0311		80018-SB182-0012-0610		80018-SB182-1230-0610			
		Risk Zone	E1*		E1*		E1*		E3*		E3*			
		Bottom Depth	1		1.5		10		1		2.5			
		Sample Date	6/22/2010		6/22/2010		4/4/2011		6/22/2010		6/22/2010			
		Sample Type	N		N		N		N		N			
		Field Duplicate Parent												
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**		
CHROMIUM	7440-47-3	3900	16.2		11.4		36.8		16.2		22.1			
TRIVALENT CHROMIUM	16065-83-1	3900	6.36		5.51		36.3		15.8		5.5			
Chromium-Hexavalent	18540-29-9	100	9.84		5.89		0.467		0.435	J	16.6			

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.

mg/Kg - Milligrams per Kilogram (part per million)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting

B - Substance was detected in a blank sample

E - Serial dilution criteria not met

N - Matrix spike criteria not met

R - Value is rejected and not usable

VALUE Indicates an exceedence of CT Direct E

Appendix G
Analytical Data Summary
Chromium Speciation in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	136 Store Ave.		27 Newman Ave.		27 Newman Ave.		41 Dunbar St.		9 Store Ave.	
		Top Depth	4		0		1		4		0	
		Sample Location	SB206		SB178		SB178		SB191		SB180	
		Sample ID	80018-SB206-0410-0311		80018-SB178-0012-0610		80018-SB178-1224-0610		80018-SB191-0410-0311		80018-SB180-0018-0610	
		Risk Zone	E3*		F*		F*		D1*		F*	
		Bottom Depth	10		1		2		9		1.5	
		Sample Date	4/4/2011		6/22/2010		6/22/2010		3/31/2011		6/22/2010	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Residential DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
CHROMIUM	7440-47-3	3900	29.1		11		37.2		12.7		16.4	
TRIVALENT CHROMIUM	16065-83-1	3900	28.5		10.7		7.1		12.5		5.39	U
Chromium-Hexavalent	18540-29-9	100	0.544		0.26	J	30.1		0.195		44.4	

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.

mg/Kg - Milligrams per Kilogram (part per million)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting

B - Substance was detected in a blank sample

E - Serial dilution criteria not met

N - Matrix spike criteria not met

R - Value is rejected and not usable

VALUE Indicates an exceedence of CT Direct E

Appendix G
Analytical Data Summary
Chromium Speciation in Residential Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address	9 Store Ave.
Top Depth	4
Sample Location	SB196
Sample ID	80018-SB196-0410-0311
Risk Zone	F*
Bottom Depth	9
Sample Date	3/31/2011
Sample Type	N
Field Duplicate Parent	
Unit	mg/Kg

Chemical Name	CAS No.	CT Residential DEC	Result	Qualifier
CHROMIUM	7440-47-3	3900	12.6	
TRIVALENT CHROMIUM	16065-83-1	3900	12.3	
Chromium-Hexavalent	18540-29-9	100	0.301	

Notes:

CT-Soil Direct Exposure; Residential - State of Connecticut Regulation

EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund Sites; Residential Soil Scenario;May 2010.

mg/Kg - Milligrams per Kilogram (part per million)

-- - No standard value is available

U - Substance was analyed for, but not detected, reporting limit

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting

B - Substance was detected in a blank sample

E - Serial dilution criteria not met

N - Matrix spike criteria not met

R - Value is rejected and not usable

VALUE Indicates an exceedence of CT Direct E

Appendix G
Analytical Data Summary
Chromium Speciation in Commercial/Industrial Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		235 Meriden Rd.	
		Top Depth	0		1		4		4	
		Sample Location	SB181		SB181		SB204		SB197	
		Sample ID	80018-SB181-0012-0610		80018-SB181-1224-0610		80018-SB204-0410-0311		80018-SB197-0410-0311	
		Risk Zone	E2*		E2*		E2*		G*	
		Bottom Depth	1		2		9		9	
		Sample Date	6/22/2010		6/22/2010		3/31/2011		3/29/2011	
		Sample Type	N		N		N		N	
		ield Duplicate Parent								
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**CT Commercial DEC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
CHROMIUM	7440-47-3	51000	17		27.4		21.2		18.1	
TRIVALENT CHROMIUM	16065-83-1	51000	16.3		1.9		20.8		17.7	
Chromium-Hexavalent	18540-29-9	100	0.67		25.5		0.323		0.347	

Notes:
CT-Soil Direct Exposure; Commercial/Industrial - State of Connecticut Regulation DEP Appendix A
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
EPA Regional Screening Level (RSL) - Screening Levels for Chemical Contaminants at Superfund
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT Direct Exposure Criteria

Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
		Top Depth	5		10		10		10	
		Sample Location	SB08		SB14		SB15		SB171	
		Sample ID	SB08-05-10~202164-002~~100902		SB14-10-15~202164-001~~100902		SB15-10-15~202164-004~~101102		80018-SB171-1012	
		Risk Zone	J*		J*		J*		J*	
		Bottom Depth	10		15		15		12	
		Sample Date	10/9/2002		10/9/2002		10/11/2002		10/27/2008	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--								
ANTIMONY	7440-36-0	60	5.9	U	5.9	U	5.9	U		
ARSENIC	7440-38-2	100	5	U	5.1	J	5	U	20	U
BARIUM	7440-39-3	10000	55.8		40.8		24.7		200	U
BERYLLIUM	7440-41-7	40	1.8	U	1.8	U	1.8	U		
CADMIUM	7440-43-9	50	1.4	U	1.4	U	1.4	U	5	U
CALCIUM	7440-70-2	--								
CHROMIUM	7440-47-3	500	3.8	J	1.9	U	1.9	U	20	U
COBALT	7440-48-4	100								
COPPER	7440-50-8	13000	9.7	U	9.7	U	4.8	UJ		
CYANIDE	57-12-5	2000								
IRON	7439-89-6	--								
LEAD	7439-92-1	150	3	U	3	U	3	U	10	U
MAGNESIUM	7439-95-4	--								
MANGANESE	7439-96-5	--								
MERCURY	7439-97-6	20	0.8	U	0.8	U	0.8	U	0.2	U
NICKEL	7440-02-0	1000	7.5	U	99.3		7.5	U		
POTASSIUM	7440-09-7	--								
SELENIUM	7782-49-2	500	5	U	5	U	5	U	30	U
SILVER	7440-22-4	360	1.5	UJ	1.5	UJ	1.5	UJ	30	U
SODIUM	7440-23-5	--								
THALLIUM	7440-28-0	50	10	UJ	10	UJ	10	UJ		
VANADIUM	7440-62-2	500	11.5		**4790**		11			
ZINC	7440-66-6	50000	17.2	J	34.8		10	U		

Notes:
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.	
		Top Depth	4		4		10		5	
		Sample Location	SB187		SB188		SB23		SB06	
		Sample ID	80018-SB187-0410-0311		80018-SB188-0410-0311		SB23-10-15~202164-003~~101002		SB06-05-10~202164-006~~101802	
		Risk Zone	J*		J*		J*		E1*	
		Bottom Depth	10		10		15		10	
		Sample Date	4/4/2011		4/4/2011		10/10/2002		10/18/2002	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	876		448					
ANTIMONY	7440-36-0	60	60	U	2.1	J	5.9	U	5.9	U
ARSENIC	7440-38-2	100	10	U	3.3	J	5	U	5	U
BARIUM	7440-39-3	10000	172	J	258		16.2		41.9	
BERYLLIUM	7440-41-7	40	5	U	5	U	1.8	U	1.8	U
CADMIUM	7440-43-9	50	0.35	J	1.5	J	1.4	U	1.4	U
CALCIUM	7440-70-2	--	11300		9350					
CHROMIUM	7440-47-3	500	2.2	J	1.5	J	1.9	U	1.9	U
COBALT	7440-48-4	100	50	U	50	U				
COPPER	7440-50-8	13000	238		233		3.1	U	4.8	UJ
CYANIDE	57-12-5	2000	10	U	10	U				
IRON	7439-89-6	--	1070		573					
LEAD	7439-92-1	150	31.6		60		3	U	3	U
MAGNESIUM	7439-95-4	--	614	J	619	J				
MANGANESE	7439-96-5	--	38.4		48.8					
MERCURY	7439-97-6	20	0.17	J	0.2	U	0.8	U	0.8	U
NICKEL	7440-02-0	1000	6.8	J	5.7	J	7.5	U	7.5	U
POTASSIUM	7440-09-7	--	317	J	135	J				
SELENIUM	7782-49-2	500	35	U	35	U	5	U	5	U
SILVER	7440-22-4	360	10	U	10	U	1.5	UJ	1.5	UJ
SODIUM	7440-23-5	--	2540	J	2380	J				
THALLIUM	7440-28-0	50	25	U	25	U	10	UJ	10	UJ
VANADIUM	7440-62-2	500	459		17.3	J	5	U	5	U
ZINC	7440-66-6	50000	203		598		10	U	10	U

Notes:
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 Store Ave.		119 St
		Top Depth	5		5		5		4		4		
		Sample Location	SB150		SB151		SB153		SB189		SB189		SE
		Sample ID	80018-SB150-0507		80018-SB151-0507		80018-SB153-0507		80018-DUP02-0410-0311		80018-SB189-0410-0311		80018-SB19
		Risk Zone	E1*		E1*		E1*		E1*		E1*		E
		Bottom Depth	7		7		7		10		10		
		Sample Date	10/23/2008		10/23/2008		10/24/2008		4/4/2011		4/4/2011		3/31
		Sample Type	N		N		N		FD		N		
		Field Duplicate Parent							80018-SB189-0410-0311				
		Unit	ug/L		ug/L		ug/L		ug/L		ug/L		u
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**
ALUMINUM	7429-90-5	--							564		1160		5900
ANTIMONY	7440-36-0	60							60	U	60	U	2.6
ARSENIC	7440-38-2	100	20	U	20	U	20	U	10	U	10	U	5.5
BARIUM	7440-39-3	10000	200	U	200	U	200	U	149	J	229		324
BERYLLIUM	7440-41-7	40							5	U	5	U	0.58
CADMIUM	7440-43-9	50	5	U	5	U	5	U	5	U	0.31	J	3.8
CALCIUM	7440-70-2	--							8990		7730		14100
CHROMIUM	7440-47-3	500	20	U	20	U	20	U	10	U	10	U	14.6
COBALT	7440-48-4	100							50	U	0.75	J	3.3
COPPER	7440-50-8	13000							17.4	J	36.7		1570
CYANIDE	57-12-5	2000							10	U	10	U	10
IRON	7439-89-6	--							689		1640		8120
LEAD	7439-92-1	150	19.1		10	U	16.7		7.2	J	12.1		**246**
MAGNESIUM	7439-95-4	--							480	J	557	J	1070
MANGANESE	7439-96-5	--							20.1		69.5		264
MERCURY	7439-97-6	20	0.4		0.2	U	0.2	U	0.1	J	0.2	U	0.41
NICKEL	7440-02-0	1000							1.4	J	2.8	J	54.5
POTASSIUM	7440-09-7	--							374	J	547	J	1110
SELENIUM	7782-49-2	500	30	U	30	U	30	U	35	U	35	U	35
SILVER	7440-22-4	360	30	U	30	U	30	U	10	U	10	U	10
SODIUM	7440-23-5	--							2090	J	1990	J	6740
THALLIUM	7440-28-0	50							25	U	25	U	25
VANADIUM	7440-62-2	500							5.7	J	6.1	J	**1110**
ZINC	7440-66-6	50000							38.5	J	82.8		2150

Notes:
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	bre Ave.		119 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.		120 Store Ave.	
		Top Depth	4		4		0		0		5		5	
		Sample Location	190		SB208		SS143		SS145		SB155		SB162	
		Sample ID	0-0410-0311		80018-SB208-0410-0311		80018-SS143-0002		80018-SS145-0002		80018-SB155-0507		80018-SB162-0507	
		Risk Zone	1*		E1*		E2*		E2*		E2*		E2*	
		Bottom Depth	9		10		2		2		7		7	
		Sample Date	/2011		4/4/2011		11/1/2008		11/1/2008		10/25/2008		10/25/2008	
		Sample Type	N		N		N		N		N		N	
		Field Duplicate Parent												
		Unit	g/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--		538										
ANTIMONY	7440-36-0	60	J	60	U									
ARSENIC	7440-38-2	100	J	10	U	20	U	20	U	20	U	20	U
BARIUM	7440-39-3	10000		282		200	U	200	U	200	U	200	U
BERYLLIUM	7440-41-7	40	J	5	U									
CADMIUM	7440-43-9	50	J	1.1	J	5	U	5	U	5	U	5	U
CALCIUM	7440-70-2	--		3900	J									
CHROMIUM	7440-47-3	500		10	U	20	U	20	U	20	U	20	U
COBALT	7440-48-4	100	J	0.38	J									
COPPER	7440-50-8	13000		197										
CYANIDE	57-12-5	2000	U	10	U									
IRON	7439-89-6	--		642										
LEAD	7439-92-1	150		27.9		21.4		13.6		10	U	10	U
MAGNESIUM	7439-95-4	--	J	366	J									
MANGANESE	7439-96-5	--		18.9										
MERCURY	7439-97-6	20		0.12	J	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	1000		24.8	J									
POTASSIUM	7440-09-7	--	J	151	J									
SELENIUM	7782-49-2	500	U	35	U	30	U	30	U	30	U	30	U
SILVER	7440-22-4	360	U	2.9	J	30	U	30	U	30	U	30	U
SODIUM	7440-23-5	--		2940	J									
THALLIUM	7440-28-0	50	U	25	U									
VANADIUM	7440-62-2	500		16.1	J									
ZINC	7440-66-6	50000		771										

Notes:
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	120 Store Ave.		120 Store Ave.		120 Store Ave.		136 Store Ave.		136 Store Ave.	
		Top Depth	9		14		4		0		0	
		Sample Location	SB157		SB156		SB204		SS146		SS146	
		Sample ID	80018-SB157-0911		80018-SB156-1416		80018-SB204-0410-0311		80018-DUP109-0002		80018-SS146-0002	
		Risk Zone	E2*		E2*		E2*		E3		E3	
		Bottom Depth	11		16		9		2		2	
		Sample Date	11/1/2008		10/25/2008		3/31/2011		11/1/2008		11/1/2008	
		Sample Type	N		N		N		FD		N	
		Field Duplicate Parent							80018-SS146-0002			
		Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--					2240					
ANTIMONY	7440-36-0	60					60	U				
ARSENIC	7440-38-2	100	20	U	20	U	10	U	20	U	20	U
BARIUM	7440-39-3	10000	200	U	200	U	38.8	J	200	U	200	U
BERYLLIUM	7440-41-7	40					5	U				
CADMIUM	7440-43-9	50	5	U	5	U	5	U	5	U	5	U
CALCIUM	7440-70-2	--					28700					
CHROMIUM	7440-47-3	500	20	U	20	U	10	U	20	U	20	U
COBALT	7440-48-4	100					50	U				
COPPER	7440-50-8	13000					15.6	J				
CYANIDE	57-12-5	2000					3.3	J				
IRON	7439-89-6	--					158					
LEAD	7439-92-1	150	10	U	10	U	1.4	J	25.9		24.8	
MAGNESIUM	7439-95-4	--					107	J				
MANGANESE	7439-96-5	--					2.4	J				
MERCURY	7439-97-6	20	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	1000					16.3	J				
POTASSIUM	7440-09-7	--					2520	J				
SELENIUM	7782-49-2	500	30	U	30	U	35	U	30	U	30	U
SILVER	7440-22-4	360	30	U	30	U	10	U	30	U	30	U
SODIUM	7440-23-5	--					6450					
THALLIUM	7440-28-0	50					25	U				
VANADIUM	7440-62-2	500					12.7	J				
ZINC	7440-66-6	50000					24.4	J				

Notes:
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Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		17 Dunbar St.	
		Top Depth	5		4		4		4	
		Sample Location	SB163		SB205		SB206		SB192	
		Sample ID	80018-SB163-0507		80018-SB205-0410-0311		80018-SB206-0410-0311		80018-SB192-0410-0311	
		Risk Zone	E3*		E3*		E3*		D1*	
		Bottom Depth	7		10		10		9	
		Sample Date	10/21/2008		4/4/2011		4/4/2011		3/31/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--			444		385		3140	
ANTIMONY	7440-36-0	60			60	U	60	U	3.3	J
ARSENIC	7440-38-2	100	20	U	3.8	J	2.8	J	12.6	
BARIUM	7440-39-3	10000	200	U	162	J	150	J	161	J
BERYLLIUM	7440-41-7	40			5	U	5	U	5	U
CADMIUM	7440-43-9	50	5	U	0.21	J	0.14	J	0.7	J
CALCIUM	7440-70-2	--			2170	J	5650		14000	
CHROMIUM	7440-47-3	500	20	U	10	U	1.2	J	1.2	J
COBALT	7440-48-4	100			0.41	J	50	U	0.98	J
COPPER	7440-50-8	13000			44.5		32.6		82.2	
CYANIDE	57-12-5	2000			10	U	10	U	10	U
IRON	7439-89-6	--			527		555		3410	
LEAD	7439-92-1	150	10	U	7.5	J	9.7	J	69.6	
MAGNESIUM	7439-95-4	--			383	J	508	J	377	J
MANGANESE	7439-96-5	--			14.8	J	21.1		61.7	
MERCURY	7439-97-6	20	0.2	U	0.2	U	0.12	J	0.2	U
NICKEL	7440-02-0	1000			4.8	J	5.8	J	7.1	J
POTASSIUM	7440-09-7	--			279	J	308	J	391	J
SELENIUM	7782-49-2	500	30	U	35	U	35	U	3.4	J
SILVER	7440-22-4	360	30	U	10	U	10	U	10	U
SODIUM	7440-23-5	--			4180	J	4100	J	5620	
THALLIUM	7440-28-0	50			25	U	25	U	25	U
VANADIUM	7440-62-2	500			10.2	J	4.4	J	**846**	
ZINC	7440-66-6	50000			243		133		185	

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Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	235 Meriden Rd.		235 Meriden Rd.		235 Meriden Rd.		263 Meriden Rd.		265 Meriden Rd.	
		Top Depth	5		5		4		0		4	
		Sample Location	SB119		SB120		SB197		SS113		SB198	
		Sample ID	80018-SB119-0507		80018-SB120-0507		80018-SB197-0410-0311		80018-SS113-0002		80018-SB198-0410-0311	
		Risk Zone	G*		G*		G*		D3*		G*	
		Bottom Depth	7		7		9		2		9	
		Sample Date	10/23/2008		10/23/2008		3/29/2011		10/22/2008		3/28/2011	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--					568				878	
ANTIMONY	7440-36-0	60					60	U			60	U
ARSENIC	7440-38-2	100	20	U	20	U	10	U	20	U	2.6	J
BARIUM	7440-39-3	10000	200	U	200	U	203		200	U	204	
BERYLLIUM	7440-41-7	40					5	U			5	U
CADMIUM	7440-43-9	50	5	U	5	U	14.8		5	U	8.9	
CALCIUM	7440-70-2	--					8400				2910	J
CHROMIUM	7440-47-3	500	20	U	20	U	10	U	20	U	10	U
COBALT	7440-48-4	100					50	U			1.5	J
COPPER	7440-50-8	13000					1070				1050	
CYANIDE	57-12-5	2000					10	U			26.6	
IRON	7439-89-6	--					910				1320	
LEAD	7439-92-1	150	36.3		10.3		148		15.9		**170**	
MAGNESIUM	7439-95-4	--					757	J			552	J
MANGANESE	7439-96-5	--					28.4				51.5	
MERCURY	7439-97-6	20	0.21		0.2	U	0.27		0.2	U	0.2	
NICKEL	7440-02-0	1000					21.1	J			12.4	J
POTASSIUM	7440-09-7	--					979	J			773	J
SELENIUM	7782-49-2	500	30	U	30	U	35	U	30	U	35	U
SILVER	7440-22-4	360	30	U	30	U	10	U	30	U	10	U
SODIUM	7440-23-5	--					7600				9120	
THALLIUM	7440-28-0	50					25	U			25	U
VANADIUM	7440-62-2	500					2.4	J			4.1	J
ZINC	7440-66-6	50000					3980				1370	

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Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	27 Newman Ave.		27 Newman Ave.		27 Newman Ave.		281 Meriden Rd.		41 Dunbar St.	
		Top Depth	5		9		4		4		0	
		Sample Location	SB02		SB140		SB207		SB199		SS109	
		Sample ID	SB02-05-10~202164-005~~101402		80018-SB140-0911		80018-SB207-0410-0311		80018-SB199-0410-0311		80018-SS109-0006	
		Risk Zone	F*		F*		F*		D3*		D1*	
		Bottom Depth	10		11		9		9		0.5	
		Sample Date	10/14/2002		10/30/2008		3/30/2011		3/28/2011		10/16/2008	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--					1430		318			
ANTIMONY	7440-36-0	60	5.9	U			2.9	J	60	U		
ARSENIC	7440-38-2	100	5.8	J	20	U	7.9	J	10	U	20	U
BARIUM	7440-39-3	10000	168		200	U	18.8	J	97.8	J	200	U
BERYLLIUM	7440-41-7	40	1.8	U			5	U	5	U		
CADMIUM	7440-43-9	50	1.4	U	5	U	5	U	5	U	5	U
CALCIUM	7440-70-2	--					26300		1340	J		
CHROMIUM	7440-47-3	500	1.9	U	20	U	10	U	1.1	J	20	U
COBALT	7440-48-4	100					50	U	0.63	J		
COPPER	7440-50-8	13000	3.5	UJ			11.6	J	25	U		
CYANIDE	57-12-5	2000					10	U	10	U		
IRON	7439-89-6	--					81.4	J	404			
LEAD	7439-92-1	150	3	U	10	U	3.7	J	2.7	J	16.6	
MAGNESIUM	7439-95-4	--					225	J	314	J		
MANGANESE	7439-96-5	--					1.9	J	7	J		
MERCURY	7439-97-6	20	0.8	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	1000	7.5	U			0.89	J	1.7	J		
POTASSIUM	7440-09-7	--					594	J	1010	J		
SELENIUM	7782-49-2	500	5	U	30	U	35	U	35	U	30	U
SILVER	7440-22-4	360	1.5	UJ	30	U	10	U	10	U	30	U
SODIUM	7440-23-5	--					5380		8300			
THALLIUM	7440-28-0	50	10	UJ			25	U	25	U		
VANADIUM	7440-62-2	500	5	U			95.2		1.7	J		
ZINC	7440-66-6	50000	10	U			25.7	J	38.8	J		

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Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	41 Dunbar St.		41 Dunbar St.		5 Dunbar St.		5 Dunbar St.		50 Store Ave.	
		Top Depth	9		4		5		5		7	
		Sample Location	SB111		SB191		SB107		SB108		SB145	
		Sample ID	80018-SB111-0911		80018-SB191-0410-0311		80018-SB107-0507		80018-SB108-0507		80018-SB145-0709	
		Risk Zone	D1*		D1*		D1*		D1*		I*	
		Bottom Depth	11		9		7		7		9	
		Sample Date	10/31/2008		3/31/2011		10/30/2008		10/24/2008		10/21/2008	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--			13600							
ANTIMONY	7440-36-0	60			60	U						
ARSENIC	7440-38-2	100	20	U	4.3	J	20	U	20	U	20	U
BARIUM	7440-39-3	10000	200	U	507		200	U	200	U	200	U
BERYLLIUM	7440-41-7	40			0.72	J						
CADMIUM	7440-43-9	50	5	U	1	J	5	U	5	U	5	U
CALCIUM	7440-70-2	--			5720							
CHROMIUM	7440-47-3	500	20	U	7.8	J	20	U	20	U	20	U
COBALT	7440-48-4	100			1.7	J						
COPPER	7440-50-8	13000			31.9							
CYANIDE	57-12-5	2000			10	U						
IRON	7439-89-6	--			12500							
LEAD	7439-92-1	150	10	U	60.2		10	U	15		10	U
MAGNESIUM	7439-95-4	--			900	J						
MANGANESE	7439-96-5	--			71.3							
MERCURY	7439-97-6	20	0.2	U	0.09	J	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	1000			6.5	J						
POTASSIUM	7440-09-7	--			830	J						
SELENIUM	7782-49-2	500	30	U	4.5	J	30	U	30	U	30	U
SILVER	7440-22-4	360	30	U	10	U	30	U	30	U	30	U
SODIUM	7440-23-5	--			7330							
THALLIUM	7440-28-0	50			25	U						
VANADIUM	7440-62-2	500			30.5	J						
ZINC	7440-66-6	50000			355							

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Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		50 Store Ave.		50 Store Ave.	
		Top Depth	10		14		4		4	
		Sample Location	SB31		SB146		SB201		SB202	
		Sample ID	SB31-10-15~202164-007~~102102		80018-SB146-1416		80018-SB201-0410-0311		80018-SB202-0410-0311	
		Risk Zone	I*		I*		I*		I*	
		Bottom Depth	15		16		9		9	
		Sample Date	10/21/2002		10/24/2008		3/29/2011		3/29/2011	
		Sample Type	N		N		N		N	
		Field Duplicate Parent								
		Unit	ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--					13.9	J	1230	
ANTIMONY	7440-36-0	60	5.9	U			60	U	60	U
ARSENIC	7440-38-2	100	5	U	20	U	10	U	57.6	
BARIUM	7440-39-3	10000	41		200	U	65	J	78.2	J
BERYLLIUM	7440-41-7	40	1.8	U			5	U	5	U
CADMIUM	7440-43-9	50	1.4	U	5	U	0.19	J	1.6	J
CALCIUM	7440-70-2	--					2370	J	6790	
CHROMIUM	7440-47-3	500	1.9	U	20	U	10	U	3.9	J
COBALT	7440-48-4	100					0.69	J	0.63	J
COPPER	7440-50-8	13000	3.1	U			25	U	310	
CYANIDE	57-12-5	2000					10	U	10	U
IRON	7439-89-6	--					52	J	657	
LEAD	7439-92-1	150	3	U	10	U	1.5	J	45.3	
MAGNESIUM	7439-95-4	--					294	J	474	J
MANGANESE	7439-96-5	--					8.9	J	38	
MERCURY	7439-97-6	20	0.8	U	0.2	U	0.2	U	0.41	
NICKEL	7440-02-0	1000	7.5	U			5.8	J	23.2	J
POTASSIUM	7440-09-7	--					431	J	1840	J
SELENIUM	7782-49-2	500	5	U	30	U	35	U	35	U
SILVER	7440-22-4	360	1.5	UJ	30	U	10	U	10	U
SODIUM	7440-23-5	--					6840		62800	
THALLIUM	7440-28-0	50	10	UJ			25	U	25	U
VANADIUM	7440-62-2	500	5	U			50	U	**2410**	
ZINC	7440-66-6	50000	65.9				86.6		250	

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Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	50 Store Ave.		50 Store Ave.		55 Store Ave.		77 Store Ave.		77 Store Ave.	
		Top Depth	4		4		4		9		15	
		Sample Location	SB203		SB203		SB194		SB147		SB148	
		Sample ID	80018-DUP01-0410-0311		80018-SB203-0410-0311		80018-SB194-0410-0311		80018-SB147-0911		80018-SB148-1517	
		Risk Zone	I*		I*		H*		H*		H*	
		Bottom Depth	9		9		9		11		17	
		Sample Date	3/29/2011		3/29/2011		3/29/2011		10/29/2008		10/29/2008	
		Sample Type	FD		N		N		N		N	
		Field Duplicate Parent	80018-SB203-0410-0311									
		Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	626		665		289					
ANTIMONY	7440-36-0	60	60	U	60	U	60	U				
ARSENIC	7440-38-2	100	12.4		20.2		10	U	20	U	20	U
BARIUM	7440-39-3	10000	378		201		305		200	U	229	
BERYLLIUM	7440-41-7	40	5	U	5	U	5	U				
CADMIUM	7440-43-9	50	0.32	J	0.29	J	0.27	J	5	U	5	U
CALCIUM	7440-70-2	--	4850	J	4730	J	18000					
CHROMIUM	7440-47-3	500	10	U	1	J	10	U	20	U	20	U
COBALT	7440-48-4	100	1.5	J	1.1	J	50	U				
COPPER	7440-50-8	13000	69.7		49		41.3					
CYANIDE	57-12-5	2000	10	U	10	U	10	U				
IRON	7439-89-6	--	1160		827		349					
LEAD	7439-92-1	150	27.5		16.7		46.8		10	U	89.2	
MAGNESIUM	7439-95-4	--	472	J	514	J	1270	J				
MANGANESE	7439-96-5	--	10.7	J	11.3	J	10	J				
MERCURY	7439-97-6	20	0.51		0.37		0.08	J	0.46		0.2	U
NICKEL	7440-02-0	1000	6.4	J	4	J	1.3	J				
POTASSIUM	7440-09-7	--	356	J	471	J	677	J				
SELENIUM	7782-49-2	500	35	U	35	U	35	U	30	U	30	U
SILVER	7440-22-4	360	10	U	10	U	10	U	30	U	30	U
SODIUM	7440-23-5	--	8470		6430		6480					
THALLIUM	7440-28-0	50	25	U	25	U	25	U				
VANADIUM	7440-62-2	500	15.6	J	9.7	J	6.3	J				
ZINC	7440-66-6	50000	143		98.8		187					

Notes:
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	87 Store Ave.		87 Store Ave.		87 Store Ave.		9 Store Ave.		9 Store Ave.	
		Top Depth	5		15		4		10		15	
		Sample Location	SB20		SB149		SB193		SB144		SB142	
		Sample ID	SB20-05-10~202164-008~~102102		80018-SB149-1517		80018-SB193-0410-0311		80018-SB144-1012		80018-SB142-1517	
		Risk Zone	H*		H*		H*		F*		F*	
		Bottom Depth	10		17		9		12		17	
		Sample Date	10/21/2002		10/27/2008		3/30/2011		10/27/2008		10/28/2008	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--					1050					
ANTIMONY	7440-36-0	60	5.9	U			60	U				
ARSENIC	7440-38-2	100	5	U	20	U	10	U	20	U	20	U
BARIUM	7440-39-3	10000	100		200	U	225		200	U	200	U
BERYLLIUM	7440-41-7	40	1.8	U			5	U				
CADMIUM	7440-43-9	50	1.4	U	5	U	2.2	J	5	U	5	U
CALCIUM	7440-70-2	--					2890	J				
CHROMIUM	7440-47-3	500	1.9	U	20	U	3.4	J	20	U	20	U
COBALT	7440-48-4	100					1.1	J				
COPPER	7440-50-8	13000	3.1	U			409					
CYANIDE	57-12-5	2000					10	U				
IRON	7439-89-6	--					865					
LEAD	7439-92-1	150	3	U	15.1		59		13.2		20.4	
MAGNESIUM	7439-95-4	--					495	J				
MANGANESE	7439-96-5	--					40.6					
MERCURY	7439-97-6	20	0.8	U	0.2	U	0.2	U	8		0.2	U
NICKEL	7440-02-0	1000	51.5				15	J				
POTASSIUM	7440-09-7	--					1160	J				
SELENIUM	7782-49-2	500	5	U	30	U	35	U	30	U	30	U
SILVER	7440-22-4	360	1.5	UJ	30	U	10	U	30	U	30	U
SODIUM	7440-23-5	--					6550					
THALLIUM	7440-28-0	50	10	UJ			25	U				
VANADIUM	7440-62-2	500	5	U			137					
ZINC	7440-66-6	50000	1060				851					

Notes:
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
SPLP Metals in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Address	9 Store Ave.		9 Store Ave.		Meriden Rd.		Meriden Rd.		Used Auto Lot Meriden Rd.		
		Top Depth	4		4		0		5		4		
		Sample Location	SB195		SB196		SS118		SB128		SB200		
		Sample ID	80018-SB195-0410-0311		80018-SB196-0410-0311		80018-SS118-0002		80018-SB128-0507		80018-SB200-0410-0311		
		Risk Zone	F*		F*		D3*		D3*		D3*		
		Bottom Depth	9		9		2		7		9		
		Sample Date	3/30/2011		3/31/2011		10/22/2008		10/22/2008		3/28/2011		
		Sample Type	N		N		N		N		N		
		Field Duplicate Parent											
		Unit	ug/L		ug/L		ug/L		ug/L		ug/L		
Chemical Name	**CAS No.**	**CT GB-PMC**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	
ALUMINUM	7429-90-5	--	342		766						3010		
ANTIMONY	7440-36-0	60	2.4	J	2.3	J					60	U	
ARSENIC	7440-38-2	100	3.2	J	10	U	20	U	20	U	3.8	J	
BARIUM	7440-39-3	10000	148	J	228		200	U	200	U	247		
BERYLLIUM	7440-41-7	40	5	U	5	U					0.68	J	
CADMIUM	7440-43-9	50	0.67	J	7.9		5	U	5	U	0.64	J	
CALCIUM	7440-70-2	--	11900		8730						12500		
CHROMIUM	7440-47-3	500	1	J	10	U	20	U	20	U	10	U	
COBALT	7440-48-4	100	50	U	50	U					2.2	J	
COPPER	7440-50-8	13000	150		1190						69.1		
CYANIDE	57-12-5	2000	10	U	10	U					10	U	
IRON	7439-89-6	--	335		980						3250		
LEAD	7439-92-1	150	31.1		**295**		10	U	10	U	106		
MAGNESIUM	7439-95-4	--	494	J	379	J					623	J	
MANGANESE	7439-96-5	--	6.5	J	35.2						207		
MERCURY	7439-97-6	20	0.2	U	0.2	U	0.2	U	0.2	U	0.28		
NICKEL	7440-02-0	1000	6.7	J	21.9	J					4.5	J	
POTASSIUM	7440-09-7	--	340	J	492	J					501	J	
SELENIUM	7782-49-2	500	35	U	35	U	30	U	30	U	35	U	
SILVER	7440-22-4	360	10	U	10	U	30	U	30	U	10	U	
SODIUM	7440-23-5	--	7710		6820						5560		
THALLIUM	7440-28-0	50	25	U	25	U					25	U	
VANADIUM	7440-62-2	500	4.9	J	31.5	J					7.7	J	
ZINC	7440-66-6	50000	346		2590						113		

Notes:
CT-Pollutant Mobility-GB; State of Connecticut Regulation DEP Appendix B
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit
R - Value is rejected and not usable
VALUE Indicates an exceedence of CT GB PMC Value

Appendix G
Analytical Data Summary
TOC Via Wiley-Black in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		120 Store Ave.		27 Newman Ave.		50 Store Ave.		50 Store Ave.		87 Store Ave.		9 Store Ave.	
	Top Depth	5		5		5		5		5		5		5		5	
	Sample Location	MW3B		SB171		SB157		SB141		MW8D		MW8D		MW10		MW7D	
	Sample ID	80018-MW3B-0507		80018-SB171-0507		80018-SB157-0507		80018-SB141-0507		80018-MW8D-0507		80018-MW8D-0507D		80018-MW10-0507		80018-MW7D-0507	
	Risk Zone	J*		J*		E2*		F*		I*		I*		H*		F*	
	Bottom Depth	7		7		7		7		7		7		7		7	
	Sample Date	11/20/2008		10/27/2008		10/25/2008		10/30/2008		11/11/2008		11/11/2008		11/3/2008		11/17/2008	
	Sample Type	N		N		N		N		N		FD		N		N	
	Field Duplicate Parent											80018-MW8D-0507					
	Unit	%		%		%		%		%		%		%		%	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
TOTAL ORGANIC CARBON (TOC)	TOC	5.2		0.55		1.1		1.2		1.2		1.294		1.4		2.1	

Notes:
No TOC screening criteria has been utilized

Appendix G
Analytical Data Summary
TOC Via Lloyd-Kahn in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Top Depth		0		0		5		5		5	
Sample Location		SS11		SS11		SB08		SB171		SB171	
Sample ID		KSS-011~202164-014~FDOFD03344~102402		SS-011~202164-013~FDOFD03345~102402		SB08-05-10~202164-002~~100902		80018-SB171-0507		80018-SB171-0507D	
Risk Zone		J*		J*		J*		J*		J*	
Bottom Depth		0.25		0.25		10		7		7	
Sample Date		10/24/2002		10/24/2002		10/9/2002		10/27/2008		10/27/2008	
Sample Type		FD		N		N		N		FD	
Field Duplicate Parent		SS-011~202164-013~FDOFD03345~102402								80018-SB171-0507	
Unit		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
TOTAL ORGANIC CARBON (TOC)	TOC	12700		10800		3430		11000		9146	

Notes:
No TOC screening criteria has been utilized
µg/L - Micrograms per Liter (part per billion)
mg/Kg - Milligrams per Kilogram (part per million)

Appendix G
Analytical Data Summary
TOC Via Lloyd-Kahn in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		119 Store Ave.		119 Store Ave.	
Top Depth		10		10		10		5		5	
Sample Location		SB14		SB15		SB23		MW11D		MW11D	
Sample ID		SB14-10-15~202164-001~~100902		SB15-10-15~202164-004~~101102		SB23-10-15~202164-003~~101002		80018-MW11D-0507		80018-MW11D-0507D	
Risk Zone		J*		J*		J*		E1*		E1*	
Bottom Depth		15		15		15		7		7	
Sample Date		10/9/2002		10/11/2002		10/10/2002		11/4/2008		11/4/2008	
Sample Type		N		N		N		N		FD	
Field Duplicate Parent										80018-MW11D-0507	
Unit		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
TOTAL ORGANIC CARBON (TOC)	TOC	26700		1600		1660		2800		3112	

Notes:
No TOC screening criteria has been utilized
µg/L - Micrograms per Liter (part per billion)
mg/Kg - Milligrams per Kilogram (part per million)

Appendix G
Analytical Data Summary
TOC Via Lloyd-Kahn in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	119 Store Ave.		136 Store Ave.		27 Newman Ave.		41 Dunbar St.		41 Dunbar St.	
	Top Depth	5		0		5		5		5	
	Sample Location	SB06		SS27		SB02		MW9D		MW9D	
	Sample ID	SB06-05-10~202164-006~~101802		SS-027~202164-015~~102402		SB02-05-10~202164-005~~101402		80018-MW9D-0507		80018-MW9D-0507D	
	Risk Zone	E1*		E3*		F*		D1*		D1*	
	Bottom Depth	10		0.25		10		7		7	
	Sample Date	10/18/2002		10/24/2002		10/14/2002		11/13/2008		11/13/2008	
	Sample Type	N		N		N		N		FD	
	Field Duplicate Parent									80018-MW9D-0507	
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
TOTAL ORGANIC CARBON (TOC)	TOC	6430		15500		91800		3300		4269	

Notes:
No TOC screening criteria has been utilized
µg/L - Micrograms per Liter (part per billion)
mg/Kg - Milligrams per Kilogram (part per million)

Appendix G
Analytical Data Summary
TOC Via Lloyd-Kahn in Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		50 Store Ave.		50 Store Ave.		87 Store Ave.	
Top Depth		5		10		5	
Sample Location		SB26		SB31		SB20	
Sample ID		SB26-05-10~202164-009~~102102		SB31-10-15~202164-007~~102102		SB20-05-10~202164-008~~102102	
Risk Zone		I*		I*		H*	
Bottom Depth		10		15		10	
Sample Date		10/21/2002		10/21/2002		10/21/2002	
Sample Type		N		N		N	
Field Duplicate Parent							
Unit		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
TOTAL ORGANIC CARBON (TOC)	TOC	27500		67700		104000	

Notes:
No TOC screening criteria has been utilized
µg/L - Micrograms per Liter (part per billion)
mg/Kg - Milligrams per Kilogram (part per million)

Appendix G
Analytical Data Summary
VOCs in Surface Water Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Sample Location	SW1		SW1		SW2		SW2	
			Sample ID	~SW-1~~103002		SW-061004-DK-001		~SW-2 (FIELD DUP)~~103002		~SW-2~~103002	
			Bottom Depth								
			Sample Date	10/30/2002		6/10/2004		10/30/2002		10/30/2002	
			Sample Type	N		N		FD		N	
			Field Duplicate Parent					~SW-2~~103002			
			Unit	µg/L		µg/L		µg/L		µg/L	
			Analytical Basis	WET		WET		WET		WET	
			Analytical Fraction	N		N		N		N	
Chemical Name	**CAS No.**	**Freshwater RWQC Acute**	**Freshwater RWQC Chronic**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	--	--	1	U	0.5	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	--	--	1	U	0.5	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	--	1	U	0.5	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	--	--	1	U	0.5	U	1	U	1	U
1,1-Dichloroethane	75-34-3	--	--	1	U	0.5	U	1	U	1	U
1,1-Dichloroethene	75-35-4	--	--	1	U	0.5	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	--	--	5	U			5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	--	--	1	U	0.5	UJ	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	--	5	U	0.5	UJ	5	U	5	U
1,2-Dibromoethane	106-93-4	--	--	1	U	0.5	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	--	--	1	U	0.5	U	1	U	1	U
1,2-Dichloroethane	107-06-2	--	--	1	U	0.5	U	1	U	1	U
1,2-Dichloropropane	78-87-5	--	--	1	U	0.5	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	--	--	1	U	0.5	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	--	--	1	U	0.5	U	1	U	1	U
2-Butanone	78-93-3	--	--	5	U	5	UJ	1	U	5	U
2-Hexanone	591-78-6	--	--	5	U	0.5	UJ	5	U	5	U
4-Methyl-2-Pentanone	108-10-1	--	--	1	U	5	U	1	U	5	U
Acetone	67-64-1	--	--	1	U	5	UJ	9.9		1	U
Benzene	71-43-2	--	--	1	U	0.5	U	1	U	1	U
Bromochloromethane	74-97-5	--	--	1	U			5	U	1	U
Bromodichloromethane	75-27-4	--	--	1	U	0.5	U	1	U	1	U
Bromoform	75-25-2	--	--	1	U	0.5	U	1	U	1	U
Bromomethane	74-83-9	--	--	1	U	0.5	UJ	1	U	1	U
Carbon Disulfide	75-15-0	--	--	1	U	0.5	U	1	U	1	U
Carbon Tetrachloride	56-23-5	--	--	1	U	0.5	U	1	U	1	U
Chlorobenzene	108-90-7	--	--	1	U	0.5	UJ	1	U	1	U
Chloroethane	75-00-3	--	--	1	U	0.5	U	1	U	1	U
Chloroform	67-66-3	--	--	1	U	0.5	U	1	U	1	U
Chloromethane	74-87-3	--	--	1	U	0.5	U	1	U	1	U
Cis-1,2-Dichloroethene	156-59-2	--	--	1	U	1		1	U	1	U
Cis-1,3-Dichloropropene	10061-01-5	--	--	1	U	0.5	U	1	U	1	U
Dibromochloromethane	124-48-1	--	--	1	U	0.5	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	--	--	1	U	0.5	U	1	U	1	U
Ethylbenzene	100-41-4	--	--	1	U	0.5	U	1	U	1	U
Isopropylbenzene	98-82-8	--	--	1	U	0.5	U	1	U	1	U

Appendix G
Analytical Data Summary
VOCs in Surface Water Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Sample Location	SW1		SW1		SW2		SW2	
			Sample ID	~SW-1~~103002		SW-061004-DK-001		~SW-2 (FIELD DUP)~~103002		~SW-2~~103002	
			Bottom Depth								
			Sample Date	10/30/2002		6/10/2004		10/30/2002		10/30/2002	
			Sample Type	N		N		FD		N	
			Field Duplicate Parent					~SW-2~~103002			
			Unit	µg/L		µg/L		µg/L		µg/L	
			Analytical Basis	WET		WET		WET		WET	
			Analytical Fraction	N		N		N		N	
Chemical Name	**CAS No.**	**Freshwater RWQC Acute**	**Freshwater RWQC Chronic**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	--	2	U			2	U	2	U
Methyl Tert-Butyl Ether	1634-04-4	--	--	1.5		0.5	U	1	U	1	U
Methylene Chloride	75-09-2	--	--	1	U	0.5	UJ	1	U	1	U
N-Propylbenzene	103-65-1	--	--	1	U			1	U	1	U
O-Xylene	95-47-6	--	--	1	U			1	U	1	U
Styrene	100-42-5	--	--	1	U	0.5	U	1	U	1	U
Tetrachloroethene	127-18-4	--	--	1	U	24		1	U	1	U
Toluene	108-88-3	--	--	1	U	0.5	U	1	U	1	U
Trans-1,2-Dichloroethene	156-60-5	--	--	1	U	0.5	U	1	U	1	U
Trans-1,3-Dichloropropene	10061-02-6	--	--	1	U	0.5	U	1	U	1	U
Trichloroethene	79-01-6	--	--	1	U	0.8		1	U	1	U
Trichlorofluoromethane	75-69-4	--	--	1	U	0.5	U	1	U	1	U
Vinyl Chloride	75-01-4	--	--	1	U	0.5	U	1	U	1	U

Notes:
Screening levels from Federal Recommended Water Quality Criteria for Freshwater Surface Water, Acute and Chronic criteria
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of screening values

Appendix G
Analytical Data Summary
SVOCs in Surface Water Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Sample Location	SW1		SW1		SW2		SW2	
			Sample ID	~SW-1~~103002		SW-061004-DK-001		~SW-2 (FIELD DUP)~~103002		~SW-2~~103002	
			Bottom Depth								
			Sample Date	10/30/2002		6/10/2004		10/30/2002		10/30/2002	
			Sample Type	N		N		FD		N	
			Field Duplicate Parent					~SW-2~~103002			
			Unit	µg/L		µg/L		µg/L		µg/L	
			Analytical Basis	WET		WET		WET		WET	
			Analytical Fraction	N		N		N		N	
Chemical Name	**CAS No.**	**Freshwater RWQC Acute**	**Freshwater RWQC Chronic**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	--	10	U			10	U	11	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	--	--	10	U	5	UJ	10	U	11	U
2,4,5-Trichlorophenol	95-95-4	--	--	10	U	25	UJ	10	U	11	U
2,4,6-Trichlorophenol	88-06-2	--	--	10	U	5	UJ	10	U	11	U
2,4-Dichlorophenol	120-83-2	--	--	10	U	5	UJ	10	U	11	U
2,4-Dimethylphenol	105-67-9	--	--	10	U	5	UJ	10	U	11	U
2,4-Dinitrophenol	51-28-5	--	--	10	U	25	UJ	10	U	11	U
2,4-Dinitrotoluene	121-14-2	--	--	10	U	5	UJ	10	U	11	U
2,6-Dinitrotoluene	606-20-2	--	--	10	U	5	UJ	10	U	11	U
2-Chloronaphthalene	91-58-7	--	--	10	U	5	UJ	10	U	11	U
2-Chlorophenol	95-57-8	--	--	10	U	5	UJ	10	U	11	U
2-Methylnaphthalene	91-57-6	--	--	10	U	0.05	UJ	10	U	11	U
2-Methylphenol	95-48-7	--	--	10	U	5	UJ	10	U	11	U
2-Nitroaniline	88-74-4	--	--	10	U	25	UJ	10	U	11	U
2-Nitrophenol	88-75-5	--	--	10	U	5	UJ	10	U	11	U
3,3'-Dichlorobenzidine	91-94-1	--	--	10	U	10	UJ	10	U	11	U
3-Nitroaniline	99-09-2	--	--	10	U	25	UJ	10	U	11	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	--	10	U	25	UJ	10	U	11	U
4-Bromophenyl-Phenylether	101-55-3	--	--	10	U	5	UJ	10	U	11	U
4-Chloro-3-Methylphenol	59-50-7	--	--	10	U	5	UJ	10	U	11	U
4-Chloroaniline	106-47-8	--	--	10	U	5	UJ	10	U	11	U
4-Chlorophenyl-Phenylether	7005-72-3	--	--	10	U	5	UJ	10	U	11	U
4-Methylphenol	106-44-5	--	--	10	U	5	UJ	10	U	11	U
4-Nitroaniline	100-01-6	--	--	10	U	10	UJ	10	U	11	U
4-Nitrophenol	100-02-7	--	--	10	U	25	UJ	10	U	11	U
Acenaphthene	83-32-9	--	--	0.05	U	0.05	UJ	0.06	U	0.05	U
Acenaphthylene	208-96-8	--	--	0.05	U	0.2	J	0.06	U	0.05	U
Acetophenone	98-86-2	--	--	10	U	5	UJ	10	U	11	U
Anthracene	120-12-7	--	--	0.05	U	5	UJ	0.06	U	0.05	U
Atrazine	1912-24-9	--	--	10	U	5	UJ	10	U	11	U
Benzaldehyde	100-52-7	--	--	10	U	5	UJ	1	L	1	L
Benzo(A)Anthracene	56-55-3	--	--	0.05	U	1	J	0.06		0.06	
Benzo(A)Pyrene	50-32-8	--	--	0.05	U	1	J	0.06		0.07	
Benzo(B)Fluoranthene	205-99-2	--	--	0.05	U	1	J	0.1		0.11	
Benzo(G,H,I)Perylene	191-24-2	--	--	0.05	U	1	J	0.07		0.05	U
Benzo(K)Fluoranthene	207-08-9	--	--	0.05	U	1	J	0.06	U	0.05	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	--	10	U	5	UJ	10	U	11	U
Bis(2-Chloroethyl)Ether	111-44-4	--	--	10	U	5	UJ	10	U	11	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	--	--	2	LB	2	J			2	LB
Butylbenzylphthalate	85-68-7	--	--	2	LB	5	U	1	LB	2	LB

Appendix G
Analytical Data Summary
SVOCs in Surface Water Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Sample Location	SW1		SW1		SW2		SW2	
			Sample ID	~SW-1~~103002		SW-061004-DK-001		~SW-2 (FIELD DUP)~~103002		~SW-2~~103002	
			Bottom Depth								
			Sample Date	10/30/2002		6/10/2004		10/30/2002		10/30/2002	
			Sample Type	N		N		FD		N	
			Field Duplicate Parent					~SW-2~~103002			
			Unit	µg/L		µg/L		µg/L		µg/L	
			Analytical Basis	WET		WET		WET		WET	
			Analytical Fraction	N		N		N		N	
Chemical Name	**CAS No.**	**Freshwater RWQC Acute**	**Freshwater RWQC Chronic**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Caprolactam	105-60-2	--	--	1	L	5	UJ	2	L	11	U
Carbazole	86-74-8	--	--	10	U	0.2	J	10	U	11	U
Chrysene	218-01-9	--	--	0.05	U	1	J	0.08		0.09	
Dibenz(A,H)Anthracene	53-70-3	--	--	0.05	U	0.4	J	0.06	U	0.05	U
Dibenzofuran	132-64-9	--	--	10	U	5	UJ	10	U	11	U
Diethylphthalate	84-66-2	--	--	3	LB	5	UJ	1	LB	1	LB
Dimethylphthalate	131-11-3	--	--	10	U	5	UJ	10	U	11	U
Di-N-Butyl Phthalate	84-74-2	--	--	1	L	0.3	J	1	L	11	U
Di-N-Octyl Phthalate	117-84-0	--	--	10	U	5	UJ	10	U	11	U
Fluoranthene	206-44-0	--	--	0.05	U	2	J	0.15		0.17	
Fluorene	86-73-7	--	--	0.05	U	0.05		0.06	U	0.05	U
Hexachlorobenzene	118-74-1	--	--	10	U	0.05	UJ	10	U	11	U
Hexachlorobutadiene	87-68-3	--	--	10	U	5	UJ	10	U	11	U
Hexachlorocyclopentadiene	77-47-4	--	--	10	U	5	UJ	10	U	11	U
Hexachloroethane	67-72-1	--	--	10	U	0.05	UJ	10	U	11	U
Indeno(1,2,3-Cd)Pyrene	193-39-5	--	--	0.05	U	1	J	0.06	U	0.07	
Isophorone	78-59-1	--	--	10	U	5	UJ	10	U	11	U
Naphthalene	91-20-3	--	--	0.05	U	0.05	UJ	0.06	U	0.05	U
Nitrobenzene	98-95-3	--	--	10	U	5	UJ	10	U	11	U
N-Nitroso-Di-N-Propylamine	621-64-7	--	--	10	U	5	UJ	10	U	11	U
N-Nitrosodiphenylamine	86-30-6	--	--	10	U	5	UJ	10	U	11	U
Pentachlorophenol	87-86-5	--	--	10	U	0.6	UJ	10	U	11	U
Phenanthrene	85-01-8	--	--	0.05	U	0.9	J	0.06		0.07	
Phenol	108-95-2	--	--	10	U	5	UJ	10	U	11	U
Pyrene	129-00-0	--	--	0.05	U	2	J	0.14		0.16	

Notes:
Screening levels from Federal Recommended Water Quality Criteria for Freshwater Surface Water, Acute and Chronic criteria
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of screening values

Appendix G
Analytical Data Summary
Pesticides in Surface Water Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Sample Location	SW1
Sample ID	SW-061004-DK-001
Bottom Depth	
Sample Date	6/10/2004
Sample Type	N
Field Duplicate Parent	
Unit	µg/L
Analytical Basis	WET
Analytical Fraction	N

Chemical Name	CAS No.	Freshwater RWQC Acute	Freshwater RWQC Chronic	Result	Qualifier
4,4'-DDD	72-54-8	--	--	0.15	UJ
4,4'-DDE	72-55-9	--	--	0.1	UJ
4,4'-DDT	50-29-3	1.1	0.001	0.1	UJ
ALDRIN	309-00-2	3	--	0.05	UJ
ALPHA-BHC	319-84-6	--	--	0.05	UJ
BETA-BHC	319-85-7	--	--	0.05	UJ
DELTA-BHC	319-86-8	--	--		R
DIELDRIN	60-57-1	0.24	0.056	0.1	UJ
ENDOSULFAN I	959-98-8	0.22	0.056	0.05	UJ
ENDOSULFAN II	33213-65-9	0.22	0.056	0.1	UJ
ENDOSULFAN SULFATE	1031-07-8	--	--	0.1	UJ
ENDRIN	72-20-8	0.086	0.036	0.1	UJ
ENDRIN ALDEHYDE	7421-93-4	--	--	0.1	UJ
ENDRIN KETONE	53494-70-5	--	--	0.1	UJ
gamma-BHC (Lindane)	58-89-9	0.95	--	0.05	UJ
HEPTACHLOR	76-44-8	0.52	0.0038	0.05	UJ
HEPTACHLOR EPOXIDE	1024-57-3	0.52	0.0038	0.05	UJ
METHOXYCHLOR	72-43-5	--	0.03	0.5	UJ
TOXAPHENE	8001-35-2	0.73	0.0002	2.5	UJ

Notes:
Screening levels from Federal Recommended Water Quality Criteria for Freshwater Surface Water, Acute and Chronic criteria
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of screening values

Appendix G
Analytical Data Summary
PCBs in Surface Water Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Sample Location	SW1
Sample ID	SW-061004-DK-001
Bottom Depth	
Sample Date	6/10/2004
Sample Type	N
Field Duplicate Parent	
Unit	µg/L
Analytical Basis	WET
Analytical Fraction	N

Chemical Name	CAS No.	Freshwater RWQC Acute	Freshwater RWQC Chronic	Result	Qualifier
AROCLOR 1016	12674-11-2	--	0.014	0.1	UJ
AROCLOR 1221	11104-28-2	--	0.014	0.2	UJ
AROCLOR 1232	11141-16-5	--	0.014	0.1	UJ
AROCLOR 1242	53469-21-9	--	0.014	0.1	UJ
AROCLOR 1248	12672-29-6	--	0.014	0.1	UJ
AROCLOR 1254	11097-69-1	--	0.014	0.1	UJ
AROCLOR 1260	11096-82-5	--	0.014	0.1	UJ

Notes:
Screening levels from Federal Recommended Water Quality Criteria for Freshwater Surface Water, Acute and Chronic criteria
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of screening values

Appendix G
Analytical Data Summary
Total Metals in Surface Water Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Sample Location	SW1		SW1		SW2		SW2	
			Sample ID	~SW-1~~103002		SW-061004-DK-001		~SW-2 (FIELD DUP)~~103002		~SW-2~~103002	
			Bottom Depth								
			Sample Date	10/30/2002		6/10/2004		10/30/2002		10/30/2002	
			Sample Type	N		N		FD		N	
			Field Duplicate Parent					~SW-2~~103002			
			Unit	µg/L		µg/L		µg/L		µg/L	
			Analytical Basis	WET		WET		WET		WET	
			Analytical Fraction	T		T		T		T	
Chemical Name	**CAS No.**	**Freshwater RWQC Acute**	**Freshwater RWQC Chronic**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	750	87	**109**		**357**	J	**591**		**643**	
ANTIMONY	7440-36-0	--	--	0.5	U	20	UJ	0.5	U	0.5	U
ARSENIC	7440-38-2	340	150	1	U	40	UJ	1.2		1.41	
BARIUM	7440-39-3	--	--	21.7		139	J	96.5		112	
BERYLLIUM	7440-41-7	--	--	0.2	U	5	UJ	0.2	U	0.2	U
CADMIUM	7440-43-9	2	0.25	0.2	U	**2**	J	**1.83**		**2.34**	
CALCIUM	7440-70-2	--	--	21		55500	J	27.7		29	
CHROMIUM	7440-47-3	16	11	6	B	10	UJ	**19.8**		**21.6**	
COBALT	7440-48-4	--	--	0.66		4.3	J	2.7		3.1	
COPPER	7440-50-8	13	9	**20.5**		6.4	J	**135**		**174**	
CYANIDE	57-12-5	22	5.2	4	U	10	UJ	4	U	4	U
IRON	7439-89-6	--	1000	**7420**				**42200**		**47100**	
LEAD	7439-92-1	65	2.5	**2.5**		**14.1**	J	**31**		**35.3**	
MAGNESIUM	7439-95-4	--	--	4.4				4.6		4.7	
MANGANESE	7439-96-5	--	--	260				965		1020	
MERCURY	7439-97-6	1.4	0.77	0.2	U	0.2	UJ	0.33		0.2	U
Molybdenum	7439-98-7	--	--	0.5	U			0.5	U	0.5	U
NICKEL	7440-02-0	470	52	14.7		27.3	J	21.6		28	
SELENIUM	7782-49-2	--	5	1	U	30	UJ	1	U	1	U
SILVER	7440-22-4	3.2	--	0.2	U	6	UJ	0.2	U	0.2	U
THALLIUM	7440-28-0	--	--	0.5	U	40	UJ	0.5	U	0.5	U
VANADIUM	7440-62-2	--	--	0.75		6	UJ	22		26.2	
ZINC	7440-66-6	120	120	101		**3140**	J	**320**		**410**	

Notes:
Screening levels from Federal Recommended Water Quality Criteria for Freshwater Surface Water, Acute and Chronic criteria
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of screening values

Appendix G
Analytical Data Summary
Dissolved Metals in Surface Water Samples
Scovill Industrial Landfill
Waterbury, Connecticut

			Sample Location	SW1F		SW2F		SW2F	
			Sample ID	~SW-1F~~103002		~SW-2F (FIELD DUP)~~103002		~SW-2F~~103002	
			Bottom Depth						
			Sample Date	10/30/2002		10/30/2002		10/30/2002	
			Sample Type	N		FD		N	
			Field Duplicate Parent			~SW-2F~~103002			
			Unit	ug/L		ug/L		ug/L	
			Analytical Basis	WET		WET		WET	
			Analytical Fraction	D		D		D	
Chemical Name	**CAS No.**	**Freshwater RWQC Acute**	**Freshwater RWQC Chronic**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	750	87	14.5		6.09		8.46	
ANTIMONY	7440-36-0	--	--	0.5	U	0.5	U	0.5	U
ARSENIC	7440-38-2	340	150	1	U	1	U	1	U
BARIUM	7440-39-3	--	--	15.1		25.5		25.5	
BERYLLIUM	7440-41-7	--	--	0.2	U	0.2	U	0.2	U
CADMIUM	7440-43-9	2	0.25	0.2	U	0.2	U	0.2	U
CALCIUM	7440-70-2	--	--	19.2		23.8		23.1	
CHROMIUM	7440-47-3	16	11	2	B	1	B	1	B
COBALT	7440-48-4	--	--	0.263		0.296		0.2	U
COPPER	7440-50-8	13	9	8	B	4	B	4	B
IRON	7439-89-6	--	1000	837		459		374	
LEAD	7439-92-1	65	2.5	0.2	U	0.2	U	0.2	U
MAGNESIUM	7439-95-4	--	--	3.93		4.3		4.15	
MANGANESE	7439-96-5	--	--	104		136		79.9	
MERCURY	7439-97-6	1.4	0.77	0.2	U	0.2	U	0.2	U
Molybdenum	7439-98-7	--	--	0.5	U	0.5	U	0.5	U
NICKEL	7440-02-0	470	52	11.1		3.57		3.43	
SELENIUM	7782-49-2	--	5	1	U	1	U	1	U
SILVER	7440-22-4	3.2	--	0.2	U	0.2	U	0.2	U
THALLIUM	7440-28-0	--	--	0.5	U	0.5	U	0.5	U
VANADIUM	7440-62-2	--	--	0.2	U	0.2	U	0.2	U
ZINC	7440-66-6	120	120	74		52.7		51.1	

Notes:
Screening levels from Federal Recommended Water Quality Criteria for Freshwater Surface Water, Acute and Chronic criteria
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of screening values

Appendix G
Analytical Data Summary
VOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SD01		SD03		SD04		SD05		SD06		SD07		SD08	
		Sample ID	DAF01R		DAF02R		DAF03R		DAF04R		DAF05R		DAF06R		DAF07R	
		Bottom Depth														
		Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	--	12	U	23	U	18	U	24	U	6	J	12	U	12	U
1,1,2,2-Tetrachloroethane	79-34-5	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--														
1,1,2-Trichloroethane	79-00-5	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
1,1-Dichloroethane	75-34-3	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
1,1-Dichloroethene	75-35-4	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
1,2,3-Trichlorobenzene	87-61-6	--														
1,2,4-Trichlorobenzene	120-82-1	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U
1,2-Dibromo-3-Chloropropane	96-12-8	--														
1,2-Dibromoethane	106-93-4	--														
1,2-Dichlorobenzene	95-50-1	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U
1,2-Dichloroethane	107-06-2	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
1,2-Dichloropropane	78-87-5	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
1,3-Dichlorobenzene	541-73-1	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U
1,4-Dichlorobenzene	106-46-7	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U
2-Butanone	78-93-3	270	14		23	U	14	J	31		12	U	12	U	12	U
2-Hexanone	591-78-6	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
4-Methyl-2-Pentanone	108-10-1	--	2	J	23	U	18	U	24	U	12	U	12	U	12	U
Acetone	67-64-1	8.7	40	UJ	39	UJ	46	UJ	100	UJ	22	UJ	12	UJ	12	UJ
Benzene	71-43-2	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Bromochloromethane	74-97-5	--														
Bromodichloromethane	75-27-4	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Bromoform	75-25-2	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Bromomethane	74-83-9	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Carbon Disulfide	75-15-0	0.85	**2**	J	**4**	J	18	U	24	U	**11**	J	12	U	12	U
Carbon Tetrachloride	56-23-5	--	12	UJ	23	UJ	18	UJ	24	UJ	12	UJ	12	UJ	12	UJ
Chlorobenzene	108-90-7	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Chloroethane	75-00-3	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Chloroform	67-66-3	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Chloromethane	74-87-3	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Cis-1,2-Dichloroethene	156-59-2	--														
Cis-1,3-Dichloropropene	10061-01-5	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Dibromochloromethane	124-48-1	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Dichlorodifluoromethane	75-71-8	--														
Ethylbenzene	100-41-4	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Isopropylbenzene	98-82-8	--														

Appendix G
Analytical Data Summary
VOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SD01		SD03		SD04		SD05		SD06		SD07		SD08	
		Sample ID	DAF01R		DAF02R		DAF03R		DAF04R		DAF05R		DAF06R		DAF07R	
		Bottom Depth														
		Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999	
		Sample Type	N		N		N		N		N		N		N	
		Field Duplicate Parent														
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--														
Methyl Tert-Butyl Ether	1634-04-4	--														
Methylene Chloride	75-09-2	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
N-Propylbenzene	103-65-1	--														
O-Xylene	95-47-6	--														
Styrene	100-42-5	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Tetrachloroethene	127-18-4	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Toluene	108-88-3	670	0.5	J	23	U	9	J	24		0.6	J	0.6	J	12	U
Trans-1,2-Dichloroethene	156-60-5	--														
Trans-1,3-Dichloropropene	10061-02-6	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Trichloroethene	79-01-6	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U
Trichlorofluoromethane	75-69-4	--														
Vinyl Chloride	75-01-4	--	12	U	23	U	18	U	24	U	12	U	12	U	12	U

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
VOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED01		SED02		SED03		SED04		SED05	
		Sample ID	SED-01~AA26579~~103002		SED-02~AA26577~~103002		SED-03~AA26578~~103002		SED-04~AA26637~~110402		SED-05~AA26636~~110402	
		Bottom Depth										
		Sample Date	10/30/2002		10/30/2002		10/30/2002		11/4/2002		11/4/2002	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	--	2	U	5	U	4	U	8	U	2	U
1,1,2,2-Tetrachloroethane	79-34-5	--	2	U	5	U	4	U	8	U	2	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	2	U	5	U	4	U	8	U	2	U
1,1,2-Trichloroethane	79-00-5	--	2	U	5	U	4	U	8	U	2	U
1,1-Dichloroethane	75-34-3	--	2	U	5	U	4	U	8	U	2	U
1,1-Dichloroethene	75-35-4	--	2	U	5	U	4	U	8	U	2	U
1,2,3-Trichlorobenzene	87-61-6	--	2	U	5	U	4	U	42	U	10	U
1,2,4-Trichlorobenzene	120-82-1	--	2	U	5	U	4	U	8	U	2	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	2	U	5	U	4	U	8	U	2	U
1,2-Dibromoethane	106-93-4	--	2	U	5	U	4	U	8	U	2	U
1,2-Dichlorobenzene	95-50-1	--	2	U	5	U	4	U	8	U	2	U
1,2-Dichloroethane	107-06-2	--	2	U	5	U	4	U	8	U	2	U
1,2-Dichloropropane	78-87-5	--	2	U	5	U	4	U	8	U	2	U
1,3-Dichlorobenzene	541-73-1	--	2	U	5	U	4	U	8	U	2	U
1,4-Dichlorobenzene	106-46-7	--	2	U	5	U	4	U	8	U	2	U
2-Butanone	78-93-3	270	85		90		42		**560**	J	68	J
2-Hexanone	591-78-6	--	2	U	5	U	4	U	8	U	2	U
4-Methyl-2-Pentanone	108-10-1	--	2	U	5	U	4	U	8	U	2	U
Acetone	67-64-1	8.7	**150**	J	**190**	J	**110**	J	**920**	J	**120**	J
Benzene	71-43-2	--	2	U	5	U	4	U	8	U	2	U
Bromochloromethane	74-97-5	--	2	U	5	U	4	U	8	U	2	U
Bromodichloromethane	75-27-4	--	2	U	5	U	4	U	8	U	2	U
Bromoform	75-25-2	--	2	U	5	U	4	U	8	U	2	U
Bromomethane	74-83-9	--	2	U	5	U	4	U	42	U	10	U
Carbon Disulfide	75-15-0	0.85	**3**		5	U	**5**		8	U	2	U
Carbon Tetrachloride	56-23-5	--	2	U	5	U	4	U	8	U	2	U
Chlorobenzene	108-90-7	--	2	U	5	U	4	U	8	U	2	U
Chloroethane	75-00-3	--	2	U	5	U	4	U	8	U	2	U
Chloroform	67-66-3	--	2	U	5	U	4	U	8	U	2	U
Chloromethane	74-87-3	--	2	U	5	U	4	U	8	U	2	U
Cis-1,2-Dichloroethene	156-59-2	--	2	U	5	U	4	U	8	U	2	U
Cis-1,3-Dichloropropene	10061-01-5	--	2	U	5	U	4	U	8	U	2	U
Dibromochloromethane	124-48-1	--	2	U	5	U	4	U	8	U	2	U
Dichlorodifluoromethane	75-71-8	--	2	U	5	U	4	U	8	U	2	U
Ethylbenzene	100-41-4	--	1	J	5	U	4	U	8	U	2	U
Isopropylbenzene	98-82-8	--	2	U	5	U	4	U	8	U	2	U

Appendix G
Analytical Data Summary
VOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED01		SED02		SED03		SED04		SED05	
		Sample ID	SED-01~AA26579~~103002		SED-02~AA26577~~103002		SED-03~AA26578~~103002		SED-04~AA26637~~110402		SED-05~AA26636~~110402	
		Bottom Depth										
		Sample Date	10/30/2002		10/30/2002		10/30/2002		11/4/2002		11/4/2002	
		Sample Type	N		N		N		N		N	
		Field Duplicate Parent										
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	4	U	11	U	8	U	17	U	4	U
Methyl Tert-Butyl Ether	1634-04-4	--	17	B	20	B	29	B	44		14	
Methylene Chloride	75-09-2	--	2	U	5	U	4	U	8	U	2	U
N-Propylbenzene	103-65-1	--	2	U	5	U	4	U	8	U	2	U
O-Xylene	95-47-6	--	2	U	5	U	4	U	8	U	2	U
Styrene	100-42-5	--	2	U	5	U	4	U	8	U	2	U
Tetrachloroethene	127-18-4	--	2	U	5	U	4	U	8	U	2	U
Toluene	108-88-3	670	3		5	U	4	U	6		2	
Trans-1,2-Dichloroethene	156-60-5	--	2	U	5	U	4	U	8	U	2	U
Trans-1,3-Dichloropropene	10061-02-6	--	2	U	5	U	4	U	8	U	2	U
Trichloroethene	79-01-6	--	2	U	5	U	4	U	8	U	2	U
Trichlorofluoromethane	75-69-4	--	2	U	5	U	4	U	8	U	2	U
Vinyl Chloride	75-01-4	--	2	U	5	U	4	U	8	U	2	U

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
VOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED06		SED07		SED07		SED08		SED09	
		Sample ID	SED-06~AA26639~~110402		KSED-07~AA26638~~110402		SED-07~AA26638~~110402		SED-08~AA26575~~103002		SED-09~AA26574~~103002	
		Bottom Depth										
		Sample Date	11/4/2002		11/4/2002		11/4/2002		10/30/2002		10/30/2002	
		Sample Type	N		FD		N		N		N	
		Field Duplicate Parent			SED-07~AA26638~~110402							
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	--	7	U	10	U	9	U	5	U	3	U
1,1,2,2-Tetrachloroethane	79-34-5	--	7	U	10	U	9	U	5	U	3	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	7	U	10	U	9	U	5	U	3	U
1,1,2-Trichloroethane	79-00-5	--	7	U	10	U	9	U	5	U	3	U
1,1-Dichloroethane	75-34-3	--	7	U	10	U	9	U	5	U	3	U
1,1-Dichloroethene	75-35-4	--	7	U	10	U	9	U	5	U	3	U
1,2,3-Trichlorobenzene	87-61-6	--	36	U	50	U	43	U	5	U	3	U
1,2,4-Trichlorobenzene	120-82-1	--	7	U	10	U	9	U	5	U	3	U
1,2-Dibromo-3-Chloropropane	96-12-8	--	7	U	10	U	9	U	5	U	3	U
1,2-Dibromoethane	106-93-4	--	7	U	10	U	9	U	5	U	3	U
1,2-Dichlorobenzene	95-50-1	--	7	U	10	U	9	U	5	U	3	U
1,2-Dichloroethane	107-06-2	--	7	U	10	U	9	U	5	U	3	U
1,2-Dichloropropane	78-87-5	--	7	U	10	U	9	U	5	U	3	U
1,3-Dichlorobenzene	541-73-1	--	7	U	10	U	9	U	5	U	3	U
1,4-Dichlorobenzene	106-46-7	--	7	U	10	U	9	U	5	U	3	U
2-Butanone	78-93-3	270	**470**	J	**290**	J	130	J	45		30	
2-Hexanone	591-78-6	--	7	U	10	U	9	U	5	U	3	U
4-Methyl-2-Pentanone	108-10-1	--	7	U	10	U	9	U	5	U	3	U
Acetone	67-64-1	8.7	**790**	J	**740**	J	**290**	J	**81**	J	**240**	J
Benzene	71-43-2	--	7	U	10	U	9	U	5	U	3	U
Bromochloromethane	74-97-5	--	7	U	10	U	9	U	5	U	3	U
Bromodichloromethane	75-27-4	--	7	U	10	U	9	U	5	U	3	U
Bromoform	75-25-2	--	7	U	10	U	9	U	5	U	3	U
Bromomethane	74-83-9	--	36	U	50	U	43	U	5	U	3	U
Carbon Disulfide	75-15-0	0.85	7	U	10	U	9	U	**9**		3	U
Carbon Tetrachloride	56-23-5	--	7	U	10	U	9	U	5	U	3	U
Chlorobenzene	108-90-7	--	7	U	10	U	9	U	5	U	3	U
Chloroethane	75-00-3	--	7	U	10	U	9	U	5	U	3	U
Chloroform	67-66-3	--	7	U	10	U	9	U	5	U	3	U
Chloromethane	74-87-3	--	7	U	10	U	9	U	5	U	3	U
Cis-1,2-Dichloroethene	156-59-2	--	7	U	10	U	9	U	5	U	3	U
Cis-1,3-Dichloropropene	10061-01-5	--	7	U	10	U	9	U	5	U	3	U
Dibromochloromethane	124-48-1	--	7	U	10	U	9	U	5	U	3	U
Dichlorodifluoromethane	75-71-8	--	7	U	10	U	9	U	5	U	3	U
Ethylbenzene	100-41-4	--	7	U	10	U	9	U	5	U	3	U
Isopropylbenzene	98-82-8	--	7	U	10	U	9	U	5	U	3	U

Appendix G
Analytical Data Summary
VOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED06		SED07		SED07		SED08		SED09	
		Sample ID	SED-06~AA26639~~110402		KSED-07~AA26638~~110402		SED-07~AA26638~~110402		SED-08~AA26575~~103002		SED-09~AA26574~~103002	
		Bottom Depth										
		Sample Date	11/4/2002		11/4/2002		11/4/2002		10/30/2002		10/30/2002	
		Sample Type	N		FD		N		N		N	
		Field Duplicate Parent			SED-07~AA26638~~110402							
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	2	U	20	U	2	U	11	U	7	U
Methyl Tert-Butyl Ether	1634-04-4	--	38		58		40		30	B	27	B
Methylene Chloride	75-09-2	--	7	U	10	U	9	U	5	U	3	U
N-Propylbenzene	103-65-1	--	7	U	10	U	9	U	5	U	3	U
O-Xylene	95-47-6	--	7	U	10	U	9	U	5	U	3	U
Styrene	100-42-5	--	7	U	10	U	9	U	5	U	3	U
Tetrachloroethene	127-18-4	--	7	U	10	U	9	U	5	U	3	U
Toluene	108-88-3	670	7	U	10	U	9	U	8		3	U
Trans-1,2-Dichloroethene	156-60-5	--	7	U	10	U	9	U	5	U	3	U
Trans-1,3-Dichloropropene	10061-02-6	--	7	U	10	U	9	U	5	U	3	U
Trichloroethene	79-01-6	--	7	U	10	U	9	U	5	U	3	U
Trichlorofluoromethane	75-69-4	--	7	U	10	U	9	U	5	U	3	U
Vinyl Chloride	75-01-4	--	7	U	10	U	9	U	5	U	3	U

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
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B - Substance was detected in a blank sample
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VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
VOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED10		SED11		SED14		SED15		SED15		SED16		SED17	
		Sample ID	SED-10~AA26576~~103002		SD-051304-DK-001		S-052404-DK-004		SD-052804-DK-005		SD-052804-DK-006		SD-052104-DK-003		SD-051304-DK-002	
		Bottom Depth														
		Sample Date	10/30/2002		5/13/2004		5/24/2004		5/28/2004		5/28/2004		5/21/2004		5/13/2004	
		Sample Type	N		N		N		N		FD		N		N	
		Field Duplicate Parent									SD-052804-DK-005					
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
1,1,2,2-Tetrachloroethane	79-34-5	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
1,1,2-Trichloroethane	79-00-5	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
1,1-Dichloroethane	75-34-3	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
1,1-Dichloroethene	75-35-4	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
1,2,3-Trichlorobenzene	87-61-6	--	3	U												
1,2,4-Trichlorobenzene	120-82-1	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
1,2-Dibromoethane	106-93-4	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
1,2-Dichlorobenzene	95-50-1	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
1,2-Dichloroethane	107-06-2	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
1,2-Dichloropropane	78-87-5	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
1,3-Dichlorobenzene	541-73-1	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
1,4-Dichlorobenzene	106-46-7	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
2-Butanone	78-93-3	270	5		10	UJ	22		96	J	37	J		R	11	UJ
2-Hexanone	591-78-6	--	3	U	10	UJ	22		41	UJ	37	UJ		R	11	UJ
4-Methyl-2-Pentanone	108-10-1	--	3	U	10	UJ	22		41	UJ	37	UJ		R	11	UJ
Acetone	67-64-1	8.7	**53**	J	10	UJ	**29**		**170**	J	**82**	J	**40**	JEB	11	UJ
Benzene	71-43-2	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Bromochloromethane	74-97-5	--	3	U												
Bromodichloromethane	75-27-4	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Bromoform	75-25-2	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
Bromomethane	74-83-9	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
Carbon Disulfide	75-15-0	0.85	3	U	5	UJ	**11**		**9**	J	**8**	J	**4**	J	6	UJ
Carbon Tetrachloride	56-23-5	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Chlorobenzene	108-90-7	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Chloroethane	75-00-3	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
Chloroform	67-66-3	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Chloromethane	74-87-3	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Cis-1,2-Dichloroethene	156-59-2	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Cis-1,3-Dichloropropene	10061-01-5	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
Dibromochloromethane	124-48-1	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
Dichlorodifluoromethane	75-71-8	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Ethylbenzene	100-41-4	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Isopropylbenzene	98-82-8	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ

Appendix G
Analytical Data Summary
VOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED10		SED11		SED14		SED15		SED15		SED16		SED17	
		Sample ID	SED-10~AA26576~~103002		SD-051304-DK-001		S-052404-DK-004		SD-052804-DK-005		SD-052804-DK-006		SD-052104-DK-003		SD-051304-DK-002	
		Bottom Depth														
		Sample Date	10/30/2002		5/13/2004		5/24/2004		5/28/2004		5/28/2004		5/21/2004		5/13/2004	
		Sample Type	N		N		N		N		FD		N		N	
		Field Duplicate Parent									SD-052804-DK-005					
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	--	6	U												
Methyl Tert-Butyl Ether	1634-04-4	--	17	B	5	UJ	11		20	U	19	U		R	6	UJ
Methylene Chloride	75-09-2	--	3	U	2	J	11		20	U	19	U		R	6	UJ
N-Propylbenzene	103-65-1	--	3	U												
O-Xylene	95-47-6	--	3	U												
Styrene	100-42-5	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Tetrachloroethene	127-18-4	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Toluene	108-88-3	670	3	U	5	UJ	11		4	J	5	J	9	J	6	UJ
Trans-1,2-Dichloroethene	156-60-5	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Trans-1,3-Dichloropropene	10061-02-6	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Trichloroethene	79-01-6	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ
Trichlorofluoromethane	75-69-4	--	3	U	5	UJ	11		20	UJ	19	UJ		R	6	UJ
Vinyl Chloride	75-01-4	--	3	U	5	UJ	11		20	U	19	U		R	6	UJ

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
SVOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SD01		SD03		SD04		SD05		SD06		SD07		SD08		SED01		SED02	
		Sample ID	DAF01R		DAF02R		DAF03R		DAF04R		DAF05R		DAF06R		DAF07R		~SED-01~~103002		~SED-02~~103002	
		Bottom Depth																		
		Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		10/30/2002		10/30/2002	
		Sample Type	N		N		N		N		N		N		N		N		N	
		Field Duplicate Parent																		
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--															1300	U	1700	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
2,4,5-Trichlorophenol	95-95-4	--	3700	U	5900	U	1200	U	2700	U	1200	U	1000	U	980	U	1300	U	1700	U
2,4,6-Trichlorophenol	88-06-2	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
2,4-Dichlorophenol	120-83-2	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
2,4-Dimethylphenol	105-67-9	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
2,4-Dinitrophenol	51-28-5	--	3700	U	5900	U	1200	U	2700	UJ	1200	U	1000	U	980	U	1300	U	1700	U
2,4-Dinitrotoluene	121-14-2	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
2,6-Dinitrotoluene	606-20-2	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
2-Chloronaphthalene	91-58-7	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
2-Chlorophenol	95-57-8	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
2-Methylnaphthalene	91-57-6	70	31	J	**110**	J	22	J	**83**	J	7	J	12	J	3	J	1300	U	1700	U
2-Methylphenol	95-48-7	--	1500	U	2400	U	6	J	56	J	460	U	420	U	390	U	1300	U	1700	U
2-Nitroaniline	88-74-4	--	3700	U	5900	U	1200	U	2700	U	1200	U	1000	U	980	U	1300	U	1700	U
2-Nitrophenol	88-75-5	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
3,3'-Dichlorobenzidine	91-94-1	--	1500	UJ	2400	U	460	UJ	1100	UJ	460	UJ	420	UJ	390	UJ	1300	U	1700	U
3-Nitroaniline	99-09-2	--	3700	UJ	5900	U	1200	UJ	2700	UJ	1200	UJ	1000	UJ	980	UJ	1300	U	1700	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	3700	U	5900	U	1200	U	2700	U	1200	U	1000	U	980	U	1300	U	1700	U
4-Bromophenyl-Phenylether	101-55-3	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
4-Chloro-3-Methylphenol	59-50-7	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
4-Chloroaniline	106-47-8	--	1500	U	2400	U	460	UJ	1100	UJ	460	UJ	420	U	390	UJ	1300	U	1700	U
4-Chlorophenyl-Phenylether	7005-72-3	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
4-Methylphenol	106-44-5	--	28	J	2400	U	57	J	1100	U	460	U	420	U	390	U	1300	U	1700	U
4-Nitroaniline	100-01-6	--	3700	UJ	5900	U	1200	UJ	2700	UJ	1200	UJ	1000	UJ	980	UJ	1300	U	1700	U
4-Nitrophenol	100-02-7	--	3700	UJ	5900	U	1200	UJ	2700	UJ	1200	UJ	1000	UJ	980	UJ	1300	U	1700	U
Acenaphthene	83-32-9	536	92	J	520	J	28	J	120	J	16	J	8	J	5	J	10		23	
Acenaphthylene	208-96-8	44	**550**	J	**220**	J	**180**	J	30	J	**61**	J	**170**	J	21	J	**93**		**220**	
Acetophenone	98-86-2	--															1300	U	1700	U
Anthracene	120-12-7	57.2	**600**	J	**1500**	J	**190**	J	**550**	J	**62**	J	**99**	J	29	J	**89**		**210**	
Atrazine	1912-24-9	--															1300	U	1700	U
Benzaldehyde	100-52-7	--																	190	L
Benzo(A)Anthracene	56-55-3	108	**2200**		**4600**		**1000**	J	**2000**	J	**380**	J	**420**		**160**	J	**370**		**790**	
Benzo(A)Pyrene	50-32-8	150	**2400**		**4700**		**960**		**1900**		**420**	J	**490**		140	J	**500**		**1100**	
Benzo(B)Fluoranthene	205-99-2	--	3900		5100		1300		1700		620		880		220	J	940		2000	
Benzo(G,H,I)Perylene	191-24-2	170	**940**	J	**2000**	J	**460**		**1300**		**250**	J	140	J	89	J	**480**		**1200**	
Benzo(K)Fluoranthene	207-08-9	240	**2500**		**4400**		**800**	J	**1800**		**600**	J	**460**		110	J	**240**		**560**	
Bis(2-Chloroethoxy)Methane	111-91-1	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
Bis(2-Chloroethyl)Ether	111-44-4	--	1500	U	2400	U	460	U	1100	U	460	U	420	U			1300	U	1700	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	890000	4800		2400	U	460	U	1100	U	460	U	420	U	390	U	120	L	270	L
Butylbenzylphthalate	85-68-7	--	370	J	2400	U	13	J	1100	U	17	J	15	J	6	J	1300	U	1700	U

Appendix G
Analytical Data Summary
SVOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SD01		SD03		SD04		SD05		SD06		SD07		SD08		SED01		SED02	
		Sample ID	DAF01R		DAF02R		DAF03R		DAF04R		DAF05R		DAF06R		DAF07R		~SED-01~~103002		~SED-02~~103002	
		Bottom Depth																		
		Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		10/30/2002		10/30/2002	
		Sample Type	N		N		N		N		N		N		N		N		N	
		Field Duplicate Parent																		
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Caprolactam	105-60-2	--															1300	U	1700	U
Carbazole	86-74-8	--	610	J	1100	J	100	J	230	J	73	J	78	J	34	J	250	L	980	L
Chrysene	218-01-9	166	**2800**		**5600**		**1100**	J	**2200**	J	**530**		**620**		**220**	J	**630**		**1400**	
Dibenz(A,H)Anthracene	53-70-3	33	**360**	J	**760**	J	**200**	J	**510**	J	**85**	J	**54**	J	32	J	**110**		**270**	
Dibenzofuran	132-64-9	2000	100	J	380	J	35	J	140	J	15	J	19	J	7	J	1300	U	1700	U
Diethylphthalate	84-66-2	630	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	250	LB	210	LB
Dimethylphthalate	131-11-3	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
Di-N-Butyl Phthalate	84-74-2	11000	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	88	L	110	L
Di-N-Octyl Phthalate	117-84-0	--	1400	J	2400	U	460	UJ	1100	U	460	UJ	420	U	390	UJ	1300	U	1700	U
Fluoranthene	206-44-0	423	**6800**		**11000**		**2000**		**3200**		**960**		**1400**		**450**		**1300**		**2800**	
Fluorene	86-73-7	77.4	**260**	J	**750**	J	44	J	**160**	J	25	J	42	J	12	J	32		66	
Hexachlorobenzene	118-74-1	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
Hexachlorobutadiene	87-68-3	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
Hexachlorocyclopentadiene	77-47-4	--	1500	UJ	2400	U	460	UJ	1100	UJ	460	UJ	420	UJ	390	UJ	1300	U	1700	U
Hexachloroethane	67-72-1	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
Indeno(1,2,3-CD)Pyrene	193-39-5	200	**910**	J	**1800**	J	**480**		**1200**		**240**	J	140	J	81	J	**500**		**1300**	
Isophorone	78-59-1	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
Naphthalene	91-20-3	176	36	J	170	J	26	J	120	J	8	J	10	J	3	J	10.3		26	
Nitrobenzene	98-95-3	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
N-Nitroso-Di-N-Propylamine	621-64-7	--	1500	U	2400	U	460	U	1100	U	460	U	420	U	390	U	1300	U	1700	U
N-Nitrosodiphenylamine	86-30-6	--															1300	U	1700	U
Pentachlorophenol	87-86-5	--	3700	U	5900	U	1200	U	2700	U	1200	U	1000	U	980	U	1300	U	1700	U
Phenanthrene	85-01-8	--	3000		7300		870	J	2400	J	420	J	580		260	J	540		1100	
Phenol	108-95-2	57	1500	U	2400	U	43	J	1100	U	460	U			390	U	1300	U	1700	U
Pyrene	129-00-0	195	**4900**		**9900**	J	**1700**	J	**4000**	J	**870**	J	**930**		**360**	J	**1200**		**2600**	

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific identifiers
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
SVOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED03		SED04		SED05		SED06		SED07		SED07		SED08	
		Sample ID	~SED-03~~103002		~SED-04~~110402		~SED-05~~110402		~SED-06~~110402		~SED-07 (FIELD DUP)~~110402		~SED-07~~110402		~SED-08~~103002	
		Bottom Depth														
		Sample Date	10/30/2002		11/4/2002		11/4/2002		11/4/2002		11/4/2002		11/4/2002		10/30/2002	
		Sample Type	N		N		N		N		FD		N		N	
		Field Duplicate Parent									~SED-07~~110402					
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2,4,5-Trichlorophenol	95-95-4	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2,4,6-Trichlorophenol	88-06-2	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2,4-Dichlorophenol	120-83-2	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2,4-Dimethylphenol	105-67-9	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2,4-Dinitrophenol	51-28-5	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2,4-Dinitrotoluene	121-14-2	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2,6-Dinitrotoluene	606-20-2	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2-Chloronaphthalene	91-58-7	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2-Chlorophenol	95-57-8	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2-Methylnaphthalene	91-57-6	70	20000	U	5100	U	**76**	L	5800	U	6300	U	6100	U	5300	U
2-Methylphenol	95-48-7	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2-Nitroaniline	88-74-4	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
2-Nitrophenol	88-75-5	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
3,3'-Dichlorobenzidine	91-94-1	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
3-Nitroaniline	99-09-2	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
4-Bromophenyl-Phenylether	101-55-3	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
4-Chloro-3-Methylphenol	59-50-7	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
4-Chloroaniline	106-47-8	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
4-Chlorophenyl-Phenylether	7005-72-3	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
4-Methylphenol	106-44-5	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
4-Nitroaniline	100-01-6	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
4-Nitrophenol	100-02-7	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Acenaphthene	83-32-9	536	160		170		16		370		70		170		48	
Acenaphthylene	208-96-8	44	**490**		**520**		**120**		**460**		**230**		**320**		**190**	
Acetophenone	98-86-2	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Anthracene	120-12-7	57.2	**760**		**830**		**120**		**1100**		**350**		**1200**		**230**	
Atrazine	1912-24-9	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Benzaldehyde	100-52-7	--	20000	U	5100	U	1400	U	5800	U	2065	L	6100	U	450	L
Benzo(A)Anthracene	56-55-3	108	**3400**		**3500**		**570**		**5200**		**1700**		**2600**		**910**	
Benzo(A)Pyrene	50-32-8	150	**4000**		**4400**		**740**		**6200**		**1900**		**2700**		**1200**	
Benzo(B)Fluoranthene	205-99-2	--	6200		7100		1400		9900		3700		4500		2400	
Benzo(G,H,I)Perylene	191-24-2	170	**3100**		**3700**		**690**		**5700**		**1500**		**2000**		**970**	
Benzo(K)Fluoranthene	207-08-9	240	**1700**		**1800**		**340**		**2500**		**1000**		**1100**		**550**	
Bis(2-Chloroethoxy)Methane	111-91-1	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Bis(2-Chloroethyl)Ether	111-44-4	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	890000	20000	U	397	L	222	L	5800	U	530	L	556	L	5300	U
Butylbenzylphthalate	85-68-7	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U

Appendix G
Analytical Data Summary
SVOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED03		SED04		SED05		SED06		SED07		SED07		SED08	
		Sample ID	~SED-03~~103002		~SED-04~~110402		~SED-05~~110402		~SED-06~~110402		~SED-07 (FIELD DUP)~~110402		~SED-07~~110402		~SED-08~~103002	
		Bottom Depth														
		Sample Date	10/30/2002		11/4/2002		11/4/2002		11/4/2002		11/4/2002		11/4/2002		10/30/2002	
		Sample Type	N		N		N		N		FD		N		N	
		Field Duplicate Parent									~SED-07~~110402					
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Caprolactam	105-60-2	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Carbazole	86-74-8	--	2600	L	1263	L	1788	U	1625	L	595	L	513	L	940	L
Chrysene	218-01-9	166	**4200**		**4100**		**880**		**6000**		**2500**		**3000**		**1400**	
Dibenz(A,H)Anthracene	53-70-3	33	**830**		**890**		**160**		**1300**		**490**		**460**		**350**	
Dibenzofuran	132-64-9	2000	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Diethylphthalate	84-66-2	630	20000	U	5100	U	262	L	527	L	572	L	**655**	L	490	L
Dimethylphthalate	131-11-3	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Di-N-Butyl Phthalate	84-74-2	11000	20000	U	5100	U	216	L	5800	U	473	L	618	L	320	L
Di-N-Octyl Phthalate	117-84-0	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Fluoranthene	206-44-0	423	**7900**		**8000**		**1800**		**13000**		**5200**		**7300**		**2800**	
Fluorene	86-73-7	77.4	**200**		**330**		39		**410**		**180**		**640**		**130**	
Hexachlorobenzene	118-74-1	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Hexachlorobutadiene	87-68-3	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Hexachlorocyclopentadiene	77-47-4	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Hexachloroethane	67-72-1	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Indeno(1,2,3-CD)Pyrene	193-39-5	200	**3300**		**4000**		**740**		**6300**		**1800**		**2000**		**1100**	
Isophorone	78-59-1	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Naphthalene	91-20-3	176	100		140		14	L	**220**		50.2		56		30	
Nitrobenzene	98-95-3	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
N-Nitroso-Di-N-Propylamine	621-64-7	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
N-Nitrosodiphenylamine	86-30-6	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Pentachlorophenol	87-86-5	--	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Phenanthrene	85-01-8	--	3500		3200		740		5400		2000		5700		1100	
Phenol	108-95-2	57	20000	U	5100	U	1400	U	5800	U	6300	U	6100	U	5300	U
Pyrene	129-00-0	195	**8300**		**8700**		**1900**		**13000**		**5000**		**7400**		**300**	

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
SVOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED09		SED10		SED11		SED14		SED15		SED15		SED16		SED17	
		Sample ID	~SED-09~~103002		~SED-010~~103002		SD-051304-DK-001		SD-052404-DK-004		SD-052804-DK-005		SD-052804-DK-006		SD-052104-DK-003		SD-051304-DK-002	
		Bottom Depth																
		Sample Date	10/30/2002		10/30/2002		5/13/2004		5/24/2004		5/28/2004		5/28/2004		5/21/2004		5/13/2004	
		Sample Type	N		N		N		N		N		FD		N		N	
		Field Duplicate Parent											SD-052804-DK-005					
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	--	2300	U	6600	U												
2,2'-Oxybis(1-Chloropropane)	108-60-1	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
2,4,5-Trichlorophenol	95-95-4	--	2300	U	6600	U	3400	U	8000	U	42000	U	460000	U	11000	UJ	3800	U
2,4,6-Trichlorophenol	88-06-2	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
2,4-Dichlorophenol	120-83-2	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
2,4-Dimethylphenol	105-67-9	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
2,4-Dinitrophenol	51-28-5	--	2300	U	6600	U	3400	UJ	8000	U	42000	UJ	460000	UJ	11000	UJ	3800	UJ
2,4-Dinitrotoluene	121-14-2	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
2,6-Dinitrotoluene	606-20-2	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
2-Chloronaphthalene	91-58-7	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
2-Chlorophenol	95-57-8	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
2-Methylnaphthalene	91-57-6	70	2300	U	6600	U	62	J	1700	U	8600	U	**17000**	J	**200**	J	790	U
2-Methylphenol	95-48-7	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
2-Nitroaniline	88-74-4	--	2300	U	6600	U	3400	U	8000	U	42000	U	460000	U	11000	UJ	3800	U
2-Nitrophenol	88-75-5	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
3,3'-Dichlorobenzidine	91-94-1	--	2300	U	6600	U	1400	U	3300	U	17000	U	190000	U	4400	UJ	1600	U
3-Nitroaniline	99-09-2	--	2300	U	6600	U	3400	U	8000	U	42000	U	460000	U	11000	UJ	3800	U
4,6-Dinitro-2-Methylphenol	534-52-1	--	2300	U	6600	U	3400	U	8000	U	42000	UJ	460000	U	11000	UJ	3800	U
4-Bromophenyl-Phenylether	101-55-3	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
4-Chloro-3-Methylphenol	59-50-7	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
4-Chloroaniline	106-47-8	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
4-Chlorophenyl-Phenylether	7005-72-3	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
4-Methylphenol	106-44-5	--	2300	U	6600	U	710	U	1700	U	640	J	96000	U	2200	UJ	55	J
4-Nitroaniline	100-01-6	--	2300	U	6600	U	1400	U	3300	U	17000	U	190000	U	4400	UJ	1600	U
4-Nitrophenol	100-02-7	--	2300	U	6600	U	3400	U	8000	U	42000	U	460000	U	11000	UJ	3800	U
Acenaphthene	83-32-9	536	29		**620**		100	J	1700	U	**1100**	J	**45000**	J	**580**	J	790	U
Acenaphthylene	208-96-8	44	**84**		**290**		**520**	J	**920**	J	**1600**	J	**3400**	J	**720**	J	**73**	J
Acetophenone	98-86-2	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Anthracene	120-12-7	57.2	**100**		**2100**		**600**	J	**680**	J	**5200**	J	**95000**	J	**1800**	J	**78**	J
Atrazine	1912-24-9	--	2300	U	6600	U	710	U	1700	UJ	8600	U	96000	U	2200	UJ	790	U
Benzaldehyde	100-52-7	--	240	L	720	L	710	UJ	290	J	8600	UJ	96000	UJ	2200	UJ	160	J
Benzo(A)Anthracene	56-55-3	108	**310**		**6900**		**1700**		**2500**		**15000**		**170000**		**3900**	J	**300**	J
Benzo(A)Pyrene	50-32-8	150	**370**		**7200**		**1500**		**2600**		**15000**		**140000**		**4300**	J	**340**	J
Benzo(B)Fluoranthene	205-99-2	--	650		11000		2800		4400		14000		110000		3500	J	790	J
Benzo(G,H,I)Perylene	191-24-2	170	**240**		**6100**		**420**	J	**1800**		**12000**		**81000**	J	**2400**	J	**300**	J
Benzo(K)Fluoranthene	207-08-9	240	**260**		**3300**		710	U	1700	U	**13000**		**140000**		**3900**	J	790	U
Bis(2-Chloroethoxy)Methane	111-91-1	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Bis(2-Chloroethyl)Ether	111-44-4	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	890000	380	L	6600	U	840		1700	U	8600	U	29000	J	2200	UJ	1500	
Butylbenzylphthalate	85-68-7	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	540	J

Appendix G
Analytical Data Summary
SVOCs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED09		SED10		SED11		SED14		SED15		SED15		SED16		SED17	
		Sample ID	~SED-09~~103002		~SED-010~~103002		SD-051304-DK-001		SD-052404-DK-004		SD-052804-DK-005		SD-052804-DK-006		SD-052104-DK-003		SD-051304-DK-002	
		Bottom Depth																
		Sample Date	10/30/2002		10/30/2002		5/13/2004		5/24/2004		5/28/2004		5/28/2004		5/21/2004		5/13/2004	
		Sample Type	N		N		N		N		N		FD		N		N	
		Field Duplicate Parent											SD-052804-DK-005					
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Caprolactam	105-60-2	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Carbazole	86-74-8	--	350	L	2700	L	300	J	260	J	3400	J	69000	J	910	J	100	J
Chrysene	218-01-9	166	**520**		**7500**		**2000**		**3100**		**17000**		**190000**		**4800**	J	**480**	J
Dibenz(A,H)Anthracene	53-70-3	33	**95**		**1300**		**220**	J	**720**	J	**3900**	J	**27000**	J	**1200**	J	**67**	J
Dibenzofuran	132-64-9	2000	2300	U	6600	U	79	J	1700	U	820	J	**32000**	J	400	J	790	U
Diethylphthalate	84-66-2	630	500	LB	460	LB	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Dimethylphthalate	131-11-3	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Di-N-Butyl Phthalate	84-74-2	11000	170	L	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	52	J
Di-N-Octyl Phthalate	117-84-0	--	2300	U	6600	U	66	J	1700	U	8600	U	96000	U	2200	UJ	140	J
Fluoranthene	206-44-0	423	**980**		**21000**		**3800**		**5000**		**37000**		**470000**		**10000**	J	**990**	
Fluorene	86-73-7	77.4	73		**810**		**360**	J	**140**	J	**1700**	J	**48000**	J	**580**	J	790	U
Hexachlorobenzene	118-74-1	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Hexachlorobutadiene	87-68-3	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Hexachlorocyclopentadiene	77-47-4	--	2300	U	6600	U	710	U	1700	U	8600	UJ	96000	U	2200	UJ	790	U
Hexachloroethane	67-72-1	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Indeno(1,2,3-CD)Pyrene	193-39-5	200	**280**		**6300**		**440**	J	**1500**	J	**10000**		**74000**	J	**2500**	J	**200**	J
Isophorone	78-59-1	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Naphthalene	91-20-3	176	13		110		710	U	1700	U	8600	U	**20000**	J	**390**	J	790	U
Nitrobenzene	98-95-3	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
N-Nitroso-Di-N-Propylamine	621-64-7	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
N-Nitrosodiphenylamine	86-30-6	--	2300	U	6600	U	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Pentachlorophenol	87-86-5	--	2300	U	6600	U	3400	UJ	8000	U	42000	U	460000	U	11000	UJ	3800	UJ
Phenanthrene	85-01-8	--	410		13000		2600		2200		25000		490000		6300	J	470	J
Phenol	108-95-2	57	2300	U	**1700**	L	710	U	1700	U	8600	U	96000	U	2200	UJ	790	U
Pyrene	129-00-0	195	**1100**		**20000**		**3500**		**4300**		**32000**		**380000**		**7300**	J	**680**	J

Notes:
Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific
µg/Kg - Micrograms per Kilogram (part per billion)
-- - No standard value is available
U - Substance was analyed for, but not detected, reporting limit
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated
B - Substance was detected in a blank sample
R - Value is rejected and not usable
VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
Pesticides in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SD01		SD03		SD04		SD05		SD06		SD07		SD08		SED01		SED02	
		Sample ID	DAF01R		DAF02R		DAF03R		DAF04R		DAF05R		DAF06R		DAF07R		~SED-01~~103002		~SED-02~~103002	
		Bottom Depth																		
		Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		10/30/2002		10/30/2002	
		Sample Type	N		N		N		N		N		N		N		N		N	
		Field Duplicate Parent																		
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	1.88		R		R	23	U	26	U	9.2	U	8.2	U	3.9	U	11	U	14	U
4,4'-DDE	72-55-9	3.16	**9.7**	J	9.4	U	23	U	26	U	9.2	U	8.2	U	3.9	U	11	U	14	U
4,4'-DDT	50-29-3	4.16	**4.4**	J	9.4	U	23	U	26	U		R	8.2	U	3.9	U	11	U	14	U
Aldrin	309-00-2	--	3.7	U	4.8	UJ	12	U	14	U	4.7	U	4.2	U	2	U	11	U	14	U
Alpha-BHC	319-84-6	--	3.7	U	4.8	U	12	U	14	U	4.7	U	0.16	J	2	U	48	U	14	U
Alpha-Chlordane	5103-71-9	7	**14**	J	**41**	J		R		R		R		R		R	11	U	43	U
Beta-BHC	319-85-7	--	3.7	U	4.8	U	12	U	14	U	4.7	U	4.2	U	2	U	48	U	14	U
Delta-BHC	319-86-8	--		R	4.8	U	12	U	14	U	4.7	U	4.2	U	2	U	11	U	14	U
Dieldrin	60-57-1	1.9	7.2	U	94	U	23	U	26	U	9.2	U	8.2	U	3.9	U	11	U	14	U
Endosulfan I	959-98-8	--	3.7	U	4.8	U	12	U	14	U	4.7	U	4.2	U	2	U	11	U	14	U
Endosulfan II	33213-65-9	--		R		R	23	U	5.9	J	9.2	U	8.2	U	0.77	J	11	U	14	U
Endosulfan Sulfate	1031-07-8	--	7.2	U	94	U		R	26	U		R		R	3.9	U	11	U	14	U
Endrin	72-20-8	2.22	7.2	U		R	23	U	26	U	9.2	U	8.2	U	3.9	U	11	U	14	U
Endrin Aldehyde	7421-93-4	--	7.2	U	9.4	U	23	U	26	U	9.2	U	8.2	U	3.9	U	11	U	14	U
Endrin Ketone	53494-70-5	--	7.2	U	9.4	U	23	U	26	U	9.2	U	8.2	U	3.9	U	11	U	14	U
Gamma-BHC (Lindane)	58-89-9	--	3.7	U	4.8	U	12	U	14	U	4.7	U	4.2	U	2	U	11	U	14	U
Gamma-Chlordane	5103-74-2	--	6.6	J		R	1.8	J	3.5	J	34	J	1.2	J	2	U	11	U	36	U
Heptachlor	76-44-8	--	3.7	U	4.8	U	12	U	14	U	4.7	U	4.2	U	2	U	11	U	14	U
Heptachlor Epoxide	1024-57-3	--	3.7	U	4.8	U		R		R		R	4.2	U	2	U	11	U	14	U
Methoxychlor	72-43-5	--	7.6	J	90	J	120	U	140	U	47	U	42	U	20	U	11	U	14	U
Toxaphene	8001-35-2	--	370	U	480	U	1200	U	1400	U	470	U	420	U	200	U	220	U	270	U

Notes:

Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.

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VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
Pesticides in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED03		SED04		SED05		SED06		SED07		SED07		SED08	
		Sample ID	~SED-03~~103002		~SED-04~~110402		~SED-05~~110402		~SED-06~~110402		~SED-07 (FIELD DUP)~~110402		~SED-07~~110402		~SED-08~~103002	
		Bottom Depth														
		Sample Date	10/30/2002		11/4/2002		11/4/2002		11/4/2002		11/4/2002		11/4/2002		10/30/2002	
		Sample Type	N		N		N		N		FD		N		N	
		Field Duplicate Parent									~SED-07~~110402					
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	1.88	20	U	20	U	11	U	22	U	48	U	49	U	91	U
4,4'-DDE	72-55-9	3.16			20	U	**20**		40	U	**34**	L	49	U	50	U
4,4'-DDT	50-29-3	4.16					11	U			48	U	49	U	50	U
Aldrin	309-00-2	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Alpha-BHC	319-84-6	--	14	U	20	U	11	U	22	U	48	U	49	U	50	U
Alpha-Chlordane	5103-71-9	7									48	U	49	U		
Beta-BHC	319-85-7	--	14	U	20	U	11	U	22	U	48	U	49	U	50	U
Delta-BHC	319-86-8	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Dieldrin	60-57-1	1.9	20	U	29	U	11	U	22	U	48	U	**77**		50	U
Endosulfan I	959-98-8	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Endosulfan II	33213-65-9	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Endosulfan Sulfate	1031-07-8	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Endrin	72-20-8	2.22	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Endrin Aldehyde	7421-93-4	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Endrin Ketone	53494-70-5	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Gamma-BHC (Lindane)	58-89-9	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Gamma-Chlordane	5103-74-2	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Heptachlor	76-44-8	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Heptachlor Epoxide	1024-57-3	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Methoxychlor	72-43-5	--	20	U	20	U	11	U	22	U	48	U	49	U	50	U
Toxaphene	8001-35-2	--	400	U	390	U	220	U	450	U	970	U	980	U	1000	U

Notes:

Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.

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VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
Pesticides in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED09		SED10		SED11		SED14		SED15		SED15		SED16		SED17	
		Sample ID	~SED-09~~103002		~SED-010~~103002		SD-051304-DK-001		SD-052404-DK-004		SD-052804-DK-005		SD-052804-DK-006		SD-052104-DK-003		SD-051304-DK-002	
		Bottom Depth																
		Sample Date	10/30/2002		10/30/2002		5/13/2004		5/24/2004		5/28/2004		5/28/2004		5/21/2004		5/13/2004	
		Sample Type	N		N		N		N		N		FD		N		N	
		Field Duplicate Parent											SD-052804-DK-005					
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	1.88	12	U	19	U	3.6	UJ	8.4	U	11	UJ	9.9	UJ	11	UJ	4.1	UJ
4,4'-DDE	72-55-9	3.16	12	U	19	U	**18**	J	**26**	J	11	UJ		R	11	UJ	3.1	J
4,4'-DDT	50-29-3	4.16	12	U	19	U		R		R		R		R	11	UJ		R
Aldrin	309-00-2	--	12	U	19	U	2.2	UJ	5.1	U	6.6	UJ	6	UJ	6.7	UJ	2.5	UJ
Alpha-BHC	319-84-6	--	12	U	19	U	1.9	UJ	4.3	U	5.6	UJ	5.1	UJ	5.7	UJ	2.1	UJ
Alpha-Chlordane	5103-71-9	7	12	U	19	U												
Beta-BHC	319-85-7	--	12	U	19	U	1.9	UJ	4.3	U	5.6	UJ	5.1	UJ	5.7	UJ	2.1	UJ
Delta-BHC	319-86-8	--	12	U	19	U		R	4.3	U		R	5.1	UJ		R		R
Dieldrin	60-57-1	1.9	12	U	19	U	3.6	UJ	8.4	U	11	UJ	9.9	UJ	11	UJ	4.1	UJ
Endosulfan I	959-98-8	--	12	U	19	U	1.9	UJ	4.3	U	5.6	UJ	5.1	UJ	5.7	UJ	2.1	UJ
Endosulfan II	33213-65-9	--	12	U	19	U	3.6	UJ	8.4	U	11	UJ	9.9	UJ		R	4.1	UJ
Endosulfan Sulfate	1031-07-8	--	12	U	19	U	3.6	UJ	8.4	U	11	UJ	9.9	UJ		R	4.1	UJ
Endrin	72-20-8	2.22	12	U	19	U	5.4	UJ	13	U	**180**	J	**170**	J	17	UJ	6.1	UJ
Endrin Aldehyde	7421-93-4	--	12	U	19	U	3.6	UJ	8.4	U	11	UJ	9.9	UJ	11	UJ	4.1	UJ
Endrin Ketone	53494-70-5	--	12	U	19	U	11	J	8.4	U		R		R	11	UJ	1.4	J
Gamma-BHC (Lindane)	58-89-9	--	12	U	19	U	1.9	UJ	4.3	U	5.6	UJ	5.1	UJ	5.7	UJ	2.1	UJ
Gamma-Chlordane	5103-74-2	--	12	U	19	U												
Heptachlor	76-44-8	--	12	U	19	U	1.9	UJ	4.3	U	5.6	UJ	5.1	UJ	5.7	UJ	2.1	UJ
Heptachlor Epoxide	1024-57-3	--	12	U	19	U	1.9	UJ		R		R		R		R	2.1	UJ
Methoxychlor	72-43-5	--	12	U	19	U		R	43	U	56	UJ		R	57	UJ		R
Toxaphene	8001-35-2	--	230	U	380	U	73	UJ	170	U	220	UJ	200	UJ	230	UJ	82	UJ

Notes:

Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for spcific citations.

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VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
PCBs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SD01		SD03		SD04		SD05		SD06		SD07		SD08		SED01		SED02	
		Sample ID	DAF01R		DAF02R		DAF03R		DAF04R		DAF05R		DAF06R		DAF07R		~SED-01~~103002		~SED-02~~103002	
		Bottom Depth																		
		Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		10/30/2002		10/30/2002	
		Sample Type	N		N		N		N		N		N		N		N		N	
		Field Duplicate Parent																		
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	72	U	94	U	230	U	260	U	92	U	82	U	39	U	220	U	270	U
AROCLOR 1221	11104-28-2	--	150	U	190	U	460	U	530	U	190	U	160	U	78	U	220	U	270	U
AROCLOR 1232	11141-16-5	--	72	U	94	U	230	U	260	U	92	U	82	U	39	U	220	U	270	U
AROCLOR 1242	53469-21-9	--	72	U	94	U	230	U	260	U	92	U	82	U	39	U	220	U	270	U
AROCLOR 1248	12672-29-6	--	72	U	94	U	230	U	260	U	92	U	82	U	39	U	220	U	270	U
AROCLOR 1254	11097-69-1	59.8	37	J	**1400**	J	55	J	**67**	J	**190**	J	29	J	6.9	J	220	U	270	U
AROCLOR 1260	11096-82-5	59.8	40	J	**2200**	J	230	U	260	U	**170**	J	82	U	39	U	220	U	270	U
Aroclor 1262	37324-23-5	--															220	U	270	U
Aroclor 1268	11100-14-4	--															220	U	270	U
Polychlorinated Biphenyls	1336-36-3	59.8	**77**		**3600**		55		**67**		**360**		29		6.9					

Notes:

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Appendix G
Analytical Data Summary
PCBs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED03		SED04		SED05		SED06		SED07		SED07		SED08	
		Sample ID	~SED-03~~103002		~SED-04~~110402		~SED-05~~110402		~SED-06~~110402		~SED-07 (FIELD DUP)~~110402		~SED-07~~110402		~SED-08~~103002	
		Bottom Depth														
		Sample Date	10/30/2002		11/4/2002		11/4/2002		11/4/2002		11/4/2002		11/4/2002		10/30/2002	
		Sample Type	N		N		N		N		FD		N		N	
		Field Duplicate Parent									~SED-07~~110402					
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	400	U	390	U	220	U	450	U	970	U	980	U	1000	U
AROCLOR 1221	11104-28-2	--	400	U	390	U	220	U	450	U	970	U	980	U	1000	U
AROCLOR 1232	11141-16-5	--	400	U	390	U	220	U	450	U	970	U	980	U	1000	U
AROCLOR 1242	53469-21-9	--	400	U	390	U	220	U	450	U	970	U	980	U	1000	U
AROCLOR 1248	12672-29-6	--	400	U	390	U	220	U	450	U	970	U	980	U	1000	U
AROCLOR 1254	11097-69-1	59.8	400	U	390	U	220	U	450	U	970	U	980	U	1000	U
AROCLOR 1260	11096-82-5	59.8	400	U	390	U	220	U	450	U	970	U	980	U	1000	U
Aroclor 1262	37324-23-5	--	400	U	390	U	220	U	450	U	970	U	980	U	1000	U
Aroclor 1268	11100-14-4	--	400	U	390	U	220	U	450	U	970	U	980	U	1000	U
Polychlorinated Biphenyls	1336-36-3	59.8														

Notes:

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Appendix G
Analytical Data Summary
PCBs in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED09		SED10		SED11		SED14		SED15		SED15		SED16		SED17	
		Sample ID	~SED-09~~103002		~SED-010~~103002		SD-051304-DK-001		SD-052404-DK-004		SD-052804-DK-005		SD-052804-DK-006		SD-052104-DK-003		SD-051304-DK-002	
		Bottom Depth																
		Sample Date	10/30/2002		10/30/2002		5/13/2004		5/24/2004		5/28/2004		5/28/2004		5/21/2004		5/13/2004	
		Sample Type	N		N		N		N		N		FD		N		N	
		Field Duplicate Parent											SD-052804-DK-005					
		Unit	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	--	230	U	380	U	3.7	U	8.5	U	2200	U	2000	U	110	UJ	4.2	U
AROCLOR 1221	11104-28-2	--	230	U	380	U	7.2	U	16	U	4400	U	4000	U	220	UJ	8.2	U
AROCLOR 1232	11141-16-5	--	230	U	380	U	3.7	U	8.5	U	2200	U	2000	U	110	UJ	4.2	U
AROCLOR 1242	53469-21-9	--	230	U	380	U	3.7	U	8.5	U	2200	U	2000	U	110	UJ	4.2	U
AROCLOR 1248	12672-29-6	--	230	U	380	U	3.7	U	8.5	U	2200	U	2000	U	110	UJ	4.2	U
AROCLOR 1254	11097-69-1	59.8	230	U	**1800**		3.7	U	54	J	2200	U	2000	U	**410**	J	4.2	U
AROCLOR 1260	11096-82-5	59.8	230	U	**2900**		3.7	U	37	J	**13000**		**14000**		**530**	J	4.2	U
Aroclor 1262	37324-23-5	--	230	U	380	U												
Aroclor 1268	11100-14-4	--	230	U	380	U												
Polychlorinated Biphenyls	1336-36-3	59.8			**4700**				**91**		**13000**		**14000**		**940**			

Notes:

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Appendix G
Analytical Data Summary
Metals in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SD01		SD02		SD03		SD04		SD05		SD06		SD07		SD08		SED01	
		Sample ID	DAF01R		DAF08R		DAF02R		DAF03R		DAF04R		DAF05R		DAF06R		DAF07R		~SED-01~~103002	
		Bottom Depth																		
		Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		10/30/2002	
		Sample Type	N		N		N		N		N		N		N		N		N	
		Field Duplicate Parent																		
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	8790		8830		4600		6520		5860		3810		2910		2440		10000	
ANTIMONY	7440-36-0	--	4.5	U	2.8	U	2.1	U	2.4	U	1.8	U	2.1	U	2.1	U	1.6	U	12	U
ARSENIC	7440-38-2	--	2.7	U	2.2	J	2.6		1.6	J	1.6	J	1.8	J	1.2	J	0.99	U	24	U
BARIUM	7440-39-3	--	64.5		55.3		53.2		146		42.3		51.6		15		12.8		66	
BERYLLIUM	7440-41-7	--	0.45	U	0.38	J	0.26		0.26	J	0.24	J	0.21	U	0.21	U	0.16	U	1.2	U
CADMIUM	7440-43-9	0.99	1.5	U	0.28	U		R	1	U	0.83	U	0.21	U	0.21	U	0.16	U	3.6	U
CALCIUM	7440-70-2	--	2840		1790		3710		1790		1710		1760		732		888		2200	
CHROMIUM	7440-47-3	43.4	20.8		25.8		**63.4**		12.1		11.7		9.2		4.2		8.4		22	
COBALT	7440-48-4	--	5.7		6.1		11.5		3.6		3.2		3.4		2.4		2.7		7.6	
COPPER	7440-50-8	31.6	**101**		**57.7**		**821**		**108**		**99.6**		**53.7**		20.1		16.9		**75**	
CYANIDE	57-12-5	--	1.25	UJ			0.845	UJ	0.651	UJ	0.801	UJ	0.638	UJ	0.63	UJ	0.58	U	0.6	U
IRON	7439-89-6	20000	**23900**		17500		**20100**		10600		9870		12200		6730		16100		14000	
LEAD	7439-92-1	35.8	**88.4**		20.8		**179**		**247**		**224**		**67**		30.1		**143**		**36**	
MAGNESIUM	7439-95-4	--	3030		3310		1890		2140		1950		1750		1070		1200		3100	
MANGANESE	7439-96-5	460	192	J	191	J	437	J	121	J	89.2	J	112	J	129	J	158	J	170	
MERCURY	7439-97-6	0.18	0.11	J	0.049	J	0.13	J	0.15	J	0.019	J	0.029	J	0.015	J	0.008	UJ	0.092	
NICKEL	7440-02-0	22.7	**24.4**		15.8		**47.4**		18.1		16.9		13.7		6.2		6.8		15	
POTASSIUM	7440-09-7	--	1100	J	1030	J	731	J	955	J	935	J	777	J	484	J	361	J	1200	
SELENIUM	7782-49-2	--	1.8	UJ	1.1	UJ	2.2	J	1.1	J	0.73	UJ	1.2	J	0.84	UJ	0.99	J	24	U
SILVER	7440-22-4	1	0.9	U	0.56	U	0.65	J	0.47	U	0.36	U	0.42	U	0.42	U	0.33	U	3.6	U
SODIUM	7440-23-5	--	212	UJ	94.8	UJ	140	UJ	122	UJ	117	UJ	91.6	UJ	57.5	UJ	66.3	UJ	600	U
THALLIUM	7440-28-0	--	3.2	UJ	1.9	UJ		R	1.6	UJ	1.3	UJ	1.5	UJ	1.5	UJ		R	24	U
VANADIUM	7440-62-2	--	26.9		27		32.7		19.2		18.6		54.2		9.2		14.3		33	
ZINC	7440-66-6	121	**330**	J	**156**	J	**1030**	J	**333**	J	**308**	J	**485**	J	87	J	48.9	J	**150**	

Notes:

Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for specific citations.

mg/Kg - Milligrams per Kilogram (part per million)

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U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
Metals in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED02		SED03		SED04		SED05		SED06		SED07		SED07		SED08	
		Sample ID	~SED-02~~103002		~SED-03~~103002		~SED-04~~110402		~SED-05~~110402		~SED-06~~110402		~SED-07 (FIELD DUP)~~110402		~SED-07~~110402		~SED-08~~103002	
		Bottom Depth																
		Sample Date	10/30/2002		10/30/2002		11/4/2002		11/4/2002		11/4/2002		11/4/2002		11/4/2002		10/30/2002	
		Sample Type	N		N		N		N		N		FD		N		N	
		Field Duplicate Parent											~SED-07~~110402					
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	13000		5400		11000		8300		1300		7600		6100		7800	
ANTIMONY	7440-36-0	--	13	J1	22	U	11	J1	10	U	10	U	24	U	24	U	38	U
ARSENIC	7440-38-2	--	26	U	44	U	22		20	U	20	U	48	U	48	U	76	U
BARIUM	7440-39-3	--	87		71		140		52		220		200		140		130	
BERYLLIUM	7440-41-7	--	1.3	U	2.2	U	2.6		1	U	1.5		2.4	U	2.4	U	3.8	U
CADMIUM	7440-43-9	0.99	3.9	U	6.6	U	**6.8**		3	U	**8.1**		**14**		**12**		**13**	
CALCIUM	7440-70-2	--	2600		10000		6700		2000		7000		15000		15000		12000	
CHROMIUM	7440-47-3	43.4	**97**		**2100**		**3300**		36		**960**		36		25		20	
COBALT	7440-48-4	--	8.1		6.6	U	12		6.4		11		9.6		7.2	U	12	
COPPER	7440-50-8	31.6	**250**		**4000**		**7800**		**150**		**2800**		**310**		**210**		**430**	
CYANIDE	57-12-5	--	0.08	U	0.1	U	0.062		0.04	U	0.04	U	0.05	U	0.1	U	0.2	U
IRON	7439-89-6	20000	**22000**		13000		**24000**		15000		**32000**		19000		18000		**30000**	
LEAD	7439-92-1	35.8	**180**		**180**		**470**		**83**		**330**		**240**		**180**		**260**	
MAGNESIUM	7439-95-4	--	3800		1900		3600		3000		3800		2600		2500		2300	
MANGANESE	7439-96-5	460	180		200		210	J1	120		310		120		140		130	
MERCURY	7439-97-6	0.18	**0.23**		**0.53**		**1.5**		0.13		**1.5**		**0.95**		**0.7**		**0.59**	
NICKEL	7440-02-0	22.7	**27**		**340**		**620**		16		**200**		**44**		**33**		**46**	
POTASSIUM	7440-09-7	--	1400		660		1300		1200		1700		1100		870		700	
SELENIUM	7782-49-2	--	26	U	44	U	26	J4	20	J4	35	J4	48	J4	48	J4	76	U
SILVER	7440-22-4	1	3.9	U	6.6	U	**7.1**		3	U	3	U	7.2	U	7.2	U	11	U
SODIUM	7440-23-5	--	650	U	1100	U	550		500	U	500	U	930		1100		1000	
THALLIUM	7440-28-0	--	26	J1	44	U	22		20	U	20	U	48	U	48	U	76	U
VANADIUM	7440-62-2	--	49		180		840		43		310		76		43		91	
ZINC	7440-66-6	121	**230**		**2200**		**5400**		**130**		**3500**		**1900**		**1300**		**1700**	

Notes:

Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for specific citations.

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VALUE Indicates an exceedence of BERA Screening Values

Appendix G
Analytical Data Summary
Metals in Sediment Samples
Scovill Industrial Landfill
Waterbury, Connecticut

		Sample Location	SED09		SED10		SED11		SED14		SED15		SED15		SED16		SED17	
		Sample ID	~SED-09~~103002		~SED-010~~103002		SD-051304-DK-001		SD-052404-DK-004		SD-052804-DK-005		SD-052804-DK-006		SD-052104-DK-003		SD-051304-DK-002	
		Bottom Depth																
		Sample Date	10/30/2002		10/30/2002		5/13/2004		5/24/2004		5/28/2004		5/28/2004		5/21/2004		5/13/2004	
		Sample Type	N		N		N		N		N		FD		N		N	
		Field Duplicate Parent											SD-052804-DK-005					
		Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Analytical Basis	DRY		DRY		DRY		DRY		DRY		DRY		DRY		DRY	
Chemical Name	**CAS No.**	**Scovill BERA Screening Levels**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	--	11000		11000		2390		7200		8360		14100		13300	J	5800	
ANTIMONY	7440-36-0	--	24	U	24	U	13.8	U	37	UJ	47.2	UJ	42.1	UJ	48.1	UJ	14.9	U
ARSENIC	7440-38-2	--	48	U	48	U	9.5	U	25.3	U	32.3	U	28.8	U	32.9	UJ	2.2	J
BARIUM	7440-39-3	--	84		140		17.9		119		134		138		112	J	79.3	
BERYLLIUM	7440-41-7	--	2.4	U	2.4	U	2.4	U	6.3	U	8.1	U	7.2	U	8.2	UJ	2.5	U
CADMIUM	7440-43-9	0.99	7.2	U	7.2	U	3.5	U	**5.2**	J	12.1	U	10.8	U	12.3	UJ	**5.5**	
CALCIUM	7440-70-2	--	5800		14000													
CHROMIUM	7440-47-3	43.4	24		**290**		6.1		20		**217**		**242**		**64.4**	J	16.6	
COBALT	7440-48-4	--	10		12		2.2		5.6		5.8		12		7.9	J	10.1	
COPPER	7440-50-8	31.6	**160**		**1300**		12.4		**319**		**1410**		**1560**		**5210**	J	**49.2**	
CYANIDE	57-12-5	--	0.16	U	0.21		0.184			R	1.61	U	0.14	J		R	0.597	U
IRON	7439-89-6	20000	**20000**		**20000**													
LEAD	7439-92-1	35.8	**93**		**500**		6.4		**545**	J	**218**	J	**239**	J	**436**	J	19.2	
MAGNESIUM	7439-95-4	--	3600		3500													
MANGANESE	7439-96-5	460	150		**570**													
MERCURY	7439-97-6	0.18	**0.28**		**0.72**		0.041	U	**0.48**	J	**0.48**		**0.42**		**0.32**	J	0.044	U
NICKEL	7440-02-0	22.7	22		**83**		4.9		**40.9**		**70.5**		**81.7**		**178**	J	**25.1**	
POTASSIUM	7440-09-7	--	1600		1600													
SELENIUM	7782-49-2	--	48	U	48	U	18.9	UJ	50.6	U	64.5	U	57.6	U	65.8	UJ	20.4	UJ
SILVER	7440-22-4	1	7.2	U	7.2	U	3.5	U	9.5	U	**1.6**	J	**1.6**	J	**1.9**	J	3.8	U
SODIUM	7440-23-5	--	1200	U	600													
THALLIUM	7440-28-0	--	48	U	48	U	26	U	69.6	U	88.7	U	79.2	U	90.5	UJ	28	U
VANADIUM	7440-62-2	--	48		92		12.2		33.7		52.9		65.7		247	J	25.2	
ZINC	7440-66-6	121	**590**		**1500**		23.6		**788**		**1590**		**1860**		**1220**	J	**366**	

Notes:

Screening values found in the Baseline Ecological Risk Assessment produced by EPA in May, 2008. Refer to the BERA for specific citations.

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VALUE Indicates an exceedence of BERA Screening Values

APPENDIX H

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		5		2		4		0		0		0	
	Sample Location	SB17		SB102		SB103		SB104		SS06		SS102		SS103	
	Sample ID	SB17-00-01~AA26221~~101802		80018-SB102-0506		80018-SB103-0203		80018-SB104-0405		SS-06~AA26585~~103102		80018-SS102-0006		80018-SS103-0006	
	Risk Zone	B		A		A		A		B		A		A	
	Bottom Depth	1		6		3		5		0.25		0.5		0.5	
	Sample Date	10/18/2002		11/11/2008		11/11/2008		11/12/2008		10/31/2002		10/16/2008		10/16/2008	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,1,2,2-Tetrachloroethane	79-34-5	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,1,2-Trichloroethane	79-00-5	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,1-Dichloroethane	75-34-3	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,1-Dichloroethene	75-35-4	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,2,3-Trichlorobenzene	87-61-6	2	JB	350	U	460	U	320	U	1	U	400	U	710	U
1,2,4-Trichlorobenzene	120-82-1	2	B	350	U	460	U	320	U	1	U	400	U	710	U
1,2-Dibromo-3-Chloropropane	96-12-8	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,2-Dibromoethane	106-93-4	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,2-Dichlorobenzene	95-50-1	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,2-Dichloroethane	107-06-2	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,2-Dichloropropane	78-87-5	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,3-Dichlorobenzene	541-73-1	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,4-Dichlorobenzene	106-46-7	2	U	350	U	460	U	320	U	1	U	400	U	710	U
1,4-Dioxane	123-91-1				R		R		R				R		R
2-Butanone	78-93-3	17		700	U	920	U	650	U	1	U	790	U	1400	U
2-Hexanone	591-78-6	2	U	700	U	920	U	650	U	1	U	790	U	1400	U
4-Methyl-2-Pentanone	108-10-1	2	U	700	U	920	U	650	U	1	U	790	U	1400	U
Acetone	67-64-1	58	J	700	U	920	U	650	U	3	J	790	U	1400	U
Benzene	71-43-2	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Bromochloromethane	74-97-5	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Bromodichloromethane	75-27-4	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Bromoform	75-25-2	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Bromomethane	74-83-9	11	U	350	U	460	U	320	U	1	U	400	U	710	U
Carbon Disulfide	75-15-0	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Carbon Tetrachloride	56-23-5	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Chlorobenzene	108-90-7	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Chloroethane	75-00-3	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Chloroform	67-66-3	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Chloromethane	74-87-3	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Cis-1,2-Dichloroethene	156-59-2	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Cis-1,3-Dichloropropene	10061-01-5	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Cyclohexane	110-82-7			350	U	460	U	320	U			400	U	710	U
Dibromochloromethane	124-48-1	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Dichlorodifluoromethane	75-71-8	11	U	350	U	460	U	320	U	1	U	400	U	710	U
Ethylbenzene	100-41-4	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Isopropylbenzene	98-82-8	2	U	350	U	460	U	320	U	1	U	400	U	710	U

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		5		2		4		0		0		0	
	Sample Location	SB17		SB102		SB103		SB104		SS06		SS102		SS103	
	Sample ID	SB17-00-01~AA26221~~101802		80018-SB102-0506		80018-SB103-0203		80018-SB104-0405		SS-06~AA26585~~103102		80018-SS102-0006		80018-SS103-0006	
	Risk Zone	B		A		A		A		B		A		A	
	Bottom Depth	1		6		3		5		0.25		0.5		0.5	
	Sample Date	10/18/2002		11/11/2008		11/11/2008		11/12/2008		10/31/2002		10/16/2008		10/16/2008	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	4	U	140	J	460	U	320	U	2	U	400	U	710	U
Methyl Acetate	79-20-9			250	J	460	U	320	U			1000		460	J
Methyl Tert-Butyl Ether	1634-04-4	11	B	350	U	460	U	320	U	6	B	400	U	710	U
Methylcyclohexane	108-87-2			350	U	460	U	320	U			400	U	710	U
Methylene Chloride	75-09-2	2	U	350	U	460	U	320	U	1	U	400	U	710	U
N-Propylbenzene	103-65-1	2	U							1	U				
O-Xylene	95-47-6	2	U	97	J	460	U	320	U	1	U	400	U	710	U
Styrene	100-42-5	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Tetrachloroethene	127-18-4	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Toluene	108-88-3	3		350	U	460	U	320	U	1	U	120	J	710	U
Trans-1,2-Dichloroethene	156-60-5	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Trans-1,3-Dichloropropene	10061-02-6	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Trichloroethene	79-01-6	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Trichlorofluoromethane	75-69-4	2	U	350	U	460	U	320	U	1	U	400	U	710	U
Vinyl Chloride	75-01-4	2	U	350	U	460	U	320	U	1	U	400	U	710	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		0		0		0		0		0.5		0.5	
	Sample Location	SS104		SS13		SS22		SS-28		SS-30		SS-28		SS-30	
	Sample ID	80018-SS104-0006		SS-013~AA26228~~102402		SS-022~AA26629~~110102		APJ87		APJ91		APJ88		APJ92	
	Risk Zone	A		B		B		B		B		B		B	
	Bottom Depth	0.5		0.25		0.25		0.5		0.5		2		2	
	Sample Date	10/16/2008		10/24/2002		11/1/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	540	U	1	U	1	U	13	U	13	U	13	U	12	U
1,1,2,2-Tetrachloroethane	79-34-5	540	U	1	U	1	U	13	U	13	U	13	U	12	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	540	U	1	U	1	U								
1,1,2-Trichloroethane	79-00-5	540	U	1	U	1	U	13	U	13	U	13	U	12	U
1,1-Dichloroethane	75-34-3	540	U	1	U	1	U	13	U	13	U	13	U	12	U
1,1-Dichloroethene	75-35-4	540	U	1	U	1	U	13	U	13	U	13	U	12	U
1,2,3-Trichlorobenzene	87-61-6	540	U	6	U	6	U								
1,2,4-Trichlorobenzene	120-82-1	540	U	1	U	1	J	420	U	430	U	420	U	400	U
1,2-Dibromo-3-Chloropropane	96-12-8	540	U	1	U	1	U								
1,2-Dibromoethane	106-93-4	540	U	1	U	1	U								
1,2-Dichlorobenzene	95-50-1	540	U	1	U	1	U	420	U	430	U	420	U	400	U
1,2-Dichloroethane	107-06-2	540	U	1	U	1	U	13	U	13	U	13	U	12	U
1,2-Dichloropropane	78-87-5	540	U	1	U	1	U	13	U	13	U	13	U	12	U
1,3-Dichlorobenzene	541-73-1	540	U	1	U	1	U	420	U	430	U	420	U	400	U
1,4-Dichlorobenzene	106-46-7	540	U	1	U	1	U	420	U	430	U	420	U	400	U
1,4-Dioxane	123-91-1	R													
2-Butanone	78-93-3	1100	U	1	U	4		13	U	13	U	13	U	12	U
2-Hexanone	591-78-6	1100	U	1	U	1	U	13	U	13	U	13	U	12	U
4-Methyl-2-Pentanone	108-10-1	1100	U	1	U	1	U	13	U	13	U	13	U	12	U
Acetone	67-64-1	1100	U	18	J	18	J	13	U	13	U	13	U	12	U
Benzene	71-43-2	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Bromochloromethane	74-97-5	540	U	1	U	1	U								
Bromodichloromethane	75-27-4	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Bromoform	75-25-2	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Bromomethane	74-83-9	540	U	6	U	6	U	13	U	13	U	13	U	12	U
Carbon Disulfide	75-15-0	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Carbon Tetrachloride	56-23-5	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Chlorobenzene	108-90-7	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Chloroethane	75-00-3	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Chloroform	67-66-3	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Chloromethane	74-87-3	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Cis-1,2-Dichloroethene	156-59-2	540	U	1	U	1	U								
Cis-1,3-Dichloropropene	10061-01-5	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Cyclohexane	110-82-7	540	U												
Dibromochloromethane	124-48-1	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Dichlorodifluoromethane	75-71-8	540	U	1	U	1	U								
Ethylbenzene	100-41-4	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Isopropylbenzene	98-82-8	540	U	1	U	1	U								

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		0		0		0		0		0.5		0.5	
	Sample Location	SS104		SS13		SS22		SS-28		SS-30		SS-28		SS-30	
	Sample ID	80018-SS104-0006		SS-013~AA26228~~102402		SS-022~AA26629~~110102		APJ87		APJ91		APJ88		APJ92	
	Risk Zone	A		B		B		B		B		B		B	
	Bottom Depth	0.5		0.25		0.25		0.5		0.5		2		2	
	Sample Date	10/16/2008		10/24/2002		11/1/2002		4/26/1999		4/26/1999		4/26/1999		4/26/1999	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	540	U	2	U	20	U								
Methyl Acetate	79-20-9	210	J												
Methyl Tert-Butyl Ether	1634-04-4	540	U	4	B	5									
Methylcyclohexane	108-87-2	540	U												
Methylene Chloride	75-09-2	540	U	1	U	1	U	13	U	28	U	13	U	17	U
N-Propylbenzene	103-65-1			1	U	1	U								
O-Xylene	95-47-6	540	U	1	U	1	U								
Styrene	100-42-5	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Tetrachloroethene	127-18-4	540	U	1	U	1	U	13	UJ	13	U	13	UJ	12	U
Toluene	108-88-3	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Trans-1,2-Dichloroethene	156-60-5	540	U	1	U	1	U								
Trans-1,3-Dichloropropene	10061-02-6	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Trichloroethene	79-01-6	540	U	1	U	1	U	13	U	13	U	13	U	12	U
Trichlorofluoromethane	75-69-4	540	U	1	U	1	U								
Vinyl Chloride	75-01-4	540	U	1	U	1	U	13	U	13	U	13	U	12	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
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Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		100 Monroe Ave.		100 Monroe Ave.	
	Top Depth	2		4		4		5		0		0.5	
	Sample Location	SB30		SB10		SB170		SB168		SS-53		SS-53	
	Sample ID	SB30-02-03~AA26226~~100402		SB10-04-05~AA25703~~100402		80018-SB170-0405		80018-SB168-0507		APK41		APK42	
	Risk Zone	B		C		B		B		D2		D2	
	Bottom Depth	3		5		5		7		0.5		2	
	Sample Date	10/4/2002		10/4/2002		11/11/2008		10/29/2008		4/28/1999		4/28/1999	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1	U	1	U	330	U	240	U	14	U	12	U
1,1,2,2-Tetrachloroethane	79-34-5	1	U	1	U	330	U	240	U	14	U	12	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	U	1	U	330	U	240	U				
1,1,2-Trichloroethane	79-00-5	1	U	1	U	330	U	240	U	14	U	12	U
1,1-Dichloroethane	75-34-3	1	U	1	U	330	U	240	U	14	U	12	U
1,1-Dichloroethene	75-35-4	1	U	1	U	330	U	240	U	14	U	12	U
1,2,3-Trichlorobenzene	87-61-6	7	U	1	U	330	U	240	U				
1,2,4-Trichlorobenzene	120-82-1	1	U	1	U	330	U	240	U	450	U	400	U
1,2-Dibromo-3-Chloropropane	96-12-8	1	U	1	U	330	U	240	U				
1,2-Dibromoethane	106-93-4	1	U	1	U	330	U	240	U				
1,2-Dichlorobenzene	95-50-1	1	U	1	U	330	U	240	U	450	U	400	U
1,2-Dichloroethane	107-06-2	1	U	1	U	330	U	240	U	14	U	12	U
1,2-Dichloropropane	78-87-5	1	U	1	U	330	U	240	U	14	U	12	U
1,3-Dichlorobenzene	541-73-1	1	U	1	U	330	U	240	U	450	U	400	U
1,4-Dichlorobenzene	106-46-7	1	U	1	U	330	U	240	U	450	U	400	U
1,4-Dioxane	123-91-1						R	4800	U				
2-Butanone	78-93-3	1	U	14		650	U	480	U	14	U	12	U
2-Hexanone	591-78-6	1	U	1	U	650	U	480	U	14	U	12	U
4-Methyl-2-Pentanone	108-10-1	1	U	1	U	650	U	480	U	14	U	12	U
Acetone	67-64-1	6	J	67		650	U	480	U	14	U	12	U
Benzene	71-43-2	1	U	1	U	330	U	240	U	14	U	12	U
Bromochloromethane	74-97-5	1	U	1	U	330	U	240	U				
Bromodichloromethane	75-27-4	1	U	1	U	330	U	240	U	14	U	12	U
Bromoform	75-25-2	1	U	1	U	330	U	240	U	14	U	12	U
Bromomethane	74-83-9	7	U	6	U	330	U	240	U	14	U	12	U
Carbon Disulfide	75-15-0	1	U	1	U	330	U	240	U	14	U	12	U
Carbon Tetrachloride	56-23-5	1	U	1	U	330	U	240	U	14	U	12	U
Chlorobenzene	108-90-7	1	U	1	U	330	U	240	U	14	U	12	U
Chloroethane	75-00-3	1	U	1	U	330	U	240	U	14	UJ	12	UJ
Chloroform	67-66-3	1	U	1	U	330	U	240	U	14	U	12	U
Chloromethane	74-87-3	1	U	6	U	330	U	240	U	14	U	12	U
Cis-1,2-Dichloroethene	156-59-2	1	U	1	U	330	U	240	U				
Cis-1,3-Dichloropropene	10061-01-5	1	U	1	U	330	U	240	U	14	U	12	U
Cyclohexane	110-82-7					330	U	240	U				
Dibromochloromethane	124-48-1	1	U	1	U	330	U	240	U	14	U	12	U
Dichlorodifluoromethane	75-71-8	1	U	6	U	330	U	240	U				
Ethylbenzene	100-41-4	1	U	1	U	330	U	240	U	14	U	12	U
Isopropylbenzene	98-82-8	1	U	1	U	330	U	240	U				

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		100 Monroe Ave.		100 Monroe Ave.	
	Top Depth	2		4		4		5		0		0.5	
	Sample Location	SB30		SB10		SB170		SB168		SS-53		SS-53	
	Sample ID	SB30-02-03~AA26226~~100402		SB10-04-05~AA25703~~100402		80018-SB170-0405		80018-SB168-0507		APK41		APK42	
	Risk Zone	B		C		B		B		D2		D2	
	Bottom Depth	3		5		5		7		0.5		2	
	Sample Date	10/4/2002		10/4/2002		11/11/2008		10/29/2008		4/28/1999		4/28/1999	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	3	U	2	U	330	U	240	U				
Methyl Acetate	79-20-9					120	J	82	J				
Methyl Tert-Butyl Ether	1634-04-4	8	B	7		330	U	240	U				
Methylcyclohexane	108-87-2					330	U	240	U				
Methylene Chloride	75-09-2	1	U	1	U	330	U	240	U	14	UJ	12	UJ
N-Propylbenzene	103-65-1	1	U	1	U								
O-Xylene	95-47-6	1	U	1	U	330	U	240	U				
Styrene	100-42-5	1	U	1	U	330	U	240	U	14	U	12	U
Tetrachloroethene	127-18-4	1	U	1	U	330	U	240	U	14	U	12	U
Toluene	108-88-3	1	U	1	U	330	U	240	U	14	U	12	U
Trans-1,2-Dichloroethene	156-60-5	1	U	1	U	330	U	240	U				
Trans-1,3-Dichloropropene	10061-02-6	1	U	1	U	330	U	240	U	14	U	12	U
Trichloroethene	79-01-6	1	U	1	U	330	U	240	U	14	U	12	U
Trichlorofluoromethane	75-69-4	1	U	1	U	330	U	240	U				
Vinyl Chloride	75-01-4	1	U	1	U	330	U	240	U	14	U	12	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		118 Monroe Ave.		118 Monroe Ave.		129 Academy Ave.	
	Top Depth	0		3.5		7		7		0		2		4	
	Sample Location	SS75		SB84		SB84		SB84		SS128		SB131		SB100	
	Sample ID	S-052004-DK-143		S-18281-051304-JR-067		S-051304-JR-075		S-18281-051304-JR-069		80018-SS128-0006		80018-SB131-0204		80018-SB100-0405	
	Risk Zone	Z		Z		Z		Z		C		C		A	
	Bottom Depth	0.5		3.5		7		7		0.5		4		5	
	Sample Date	5/20/2004		5/13/2004		5/13/2004		5/13/2004		10/23/2008		10/24/2008		11/11/2008	
	Sample Type	N		N		FD		N		N		N		N	
	Field Duplicate Parent					S-18281-051304-JR-069									
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	UJ	370	U
1,1,2,2-Tetrachloroethane	79-34-5	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	UJ	370	U
1,1,2-Trichloroethane	79-00-5	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
1,1-Dichloroethane	75-34-3	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
1,1-Dichloroethene	75-35-4	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	UJ	370	U
1,2,3-Trichlorobenzene	87-61-6									290	U	330	U	370	U
1,2,4-Trichlorobenzene	120-82-1	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
1,2-Dibromo-3-Chloropropane	96-12-8	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
1,2-Dibromoethane	106-93-4	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	UJ	370	U
1,2-Dichlorobenzene	95-50-1	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
1,2-Dichloroethane	107-06-2	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	UJ	370	U
1,2-Dichloropropane	78-87-5	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
1,3-Dichlorobenzene	541-73-1	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
1,4-Dichlorobenzene	106-46-7	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
1,4-Dioxane	123-91-1									R		R		R	
2-Butanone	78-93-3	11	UJ	12	UJ	11	UJ	11	UJ	590	U	660	U	740	U
2-Hexanone	591-78-6	11	UJ	12	UJ	11	UJ	11	UJ	590	U	660	U	740	U
4-Methyl-2-Pentanone	108-10-1	11	UJ	12	UJ	11	UJ	11	UJ	590	U	660	U	740	U
Acetone	67-64-1	11	UJ	12	UJ	11	UJ	11	UJ	590	U	660	U	740	U
Benzene	71-43-2	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Bromochloromethane	74-97-5									290	U	330	U	370	U
Bromodichloromethane	75-27-4	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Bromoform	75-25-2	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Bromomethane	74-83-9	6	UJ	6	UJ	5	UJ	5	UJ	290	UJ	330	UJ	370	U
Carbon Disulfide	75-15-0	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Carbon Tetrachloride	56-23-5	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	UJ	370	U
Chlorobenzene	108-90-7	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Chloroethane	75-00-3	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Chloroform	67-66-3	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Chloromethane	74-87-3	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Cis-1,2-Dichloroethene	156-59-2	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Cis-1,3-Dichloropropene	10061-01-5	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Cyclohexane	110-82-7									290	U	330	U	370	U
Dibromochloromethane	124-48-1	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Dichlorodifluoromethane	75-71-8	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Ethylbenzene	100-41-4	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Isopropylbenzene	98-82-8	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U

	Address	108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		118 Monroe Ave.		118 Monroe Ave.		129 Academy Ave.	
	Top Depth	0		3.5		7		7		0		2		4	
	Sample Location	SS75		SB84		SB84		SB84		SS128		SB131		SB100	
	Sample ID	S-052004-DK-143		S-18281-051304-JR-067		S-051304-JR-075		S-18281-051304-JR-069		80018-SS128-0006		80018-SB131-0204		80018-SB100-0405	
	Risk Zone	Z		Z		Z		Z		C		C		A	
	Bottom Depth	0.5		3.5		7		7		0.5		4		5	
	Sample Date	5/20/2004		5/13/2004		5/13/2004		5/13/2004		10/23/2008		10/24/2008		11/11/2008	
	Sample Type	N		N		FD		N		N		N		N	
	Field Duplicate Parent					S-18281-051304-JR-069									
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1									290	U	330	U	370	U
Methyl Acetate	79-20-9									290	U	330	UJ	370	U
Methyl Tert-Butyl Ether	1634-04-4	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	UJ	370	U
Methylcyclohexane	108-87-2									290	U	330	U	370	U
Methylene Chloride	75-09-2	6	UJ	6	UJ	3	J	5	UJ	290	U	330	UJ	370	U
N-Propylbenzene	103-65-1														
O-Xylene	95-47-6									290	U	330	U	370	U
Styrene	100-42-5	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Tetrachloroethene	127-18-4	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Toluene	108-88-3	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Trans-1,2-Dichloroethene	156-60-5	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Trans-1,3-Dichloropropene	10061-02-6	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Trichloroethene	79-01-6	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U
Trichlorofluoromethane	75-69-4	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	UJ	370	U
Vinyl Chloride	75-01-4	6	UJ	6	UJ	5	UJ	5	UJ	290	U	330	U	370	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

	Address	134 Monroe Ave.		134 Monroe Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.	
	Top Depth	0		2		0		0		0		0.5		1		7	
	Sample Location	SS130		SB132		SS32		SS-51		SS79		SS-51		SB87		SB87	
	Sample ID	80018-SS130-0006		80018-SB132-0204		SS-032~AA26635~~110102		APK37		S-052004-DK-142		APK38		S-18281-051304-JR-053		S-18281-051304-JR-055	
	Risk Zone	C		C		A		A		A		A		A		A	
	Bottom Depth	0.5		4		0.25		0.5		0.5		2		1		7	
	Sample Date	10/23/2008		10/24/2008		11/1/2002		4/28/1999		5/20/2004		4/28/1999		5/13/2004		5/13/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
1,1,2,2-Tetrachloroethane	79-34-5	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	980	U	550	U	1	U			5	UJ			5	UJ	5	UJ
1,1,2-Trichloroethane	79-00-5	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
1,1-Dichloroethane	75-34-3	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
1,1-Dichloroethene	75-35-4	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
1,2,3-Trichlorobenzene	87-61-6	980	U	550	U	7	U										
1,2,4-Trichlorobenzene	120-82-1	980	U	550	U	1	U	370	U	5	UJ	390	U	5	UJ	5	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	980	U	550	U	1	U			5	UJ			5	UJ	5	UJ
1,2-Dibromoethane	106-93-4	980	U	550	U	1	U			5	UJ			5	UJ	5	UJ
1,2-Dichlorobenzene	95-50-1	980	U	550	U	1	U	370	U	5	UJ	390	U	5	UJ	5	UJ
1,2-Dichloroethane	107-06-2	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
1,2-Dichloropropane	78-87-5	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
1,3-Dichlorobenzene	541-73-1	980	U	550	U	1	U	370	U	5	UJ	390	U	5	UJ	5	UJ
1,4-Dichlorobenzene	106-46-7	980	U	550	U	1	U	370	U	5	UJ	390	U	5	UJ	5	UJ
1,4-Dioxane	123-91-1		R		R												
2-Butanone	78-93-3	2000	U	1100	U	1	U	11	U	11	UJ	12	U	10	UJ	10	UJ
2-Hexanone	591-78-6	2000	U	1100	U	1	U	11	U	11	UJ	12	U	10	UJ	10	UJ
4-Methyl-2-Pentanone	108-10-1	2000	U	1100	U	1	U	11	U	11	UJ	12	U	10	UJ	10	UJ
Acetone	67-64-1	2000	U	1100	U	24	J	11	U	11	UJ	12	U	10	UJ	10	UJ
Benzene	71-43-2	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Bromochloromethane	74-97-5	980	U	550	U	1	U										
Bromodichloromethane	75-27-4	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Bromoform	75-25-2	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Bromomethane	74-83-9	980	UJ	550	UJ	7	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Carbon Disulfide	75-15-0	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Carbon Tetrachloride	56-23-5	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Chlorobenzene	108-90-7	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Chloroethane	75-00-3	980	U	550	U	1	U	11	UJ	5	UJ	12	UJ	5	UJ	5	UJ
Chloroform	67-66-3	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Chloromethane	74-87-3	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Cis-1,2-Dichloroethene	156-59-2	980	U	550	U	1	U			5	UJ			5	UJ	5	UJ
Cis-1,3-Dichloropropene	10061-01-5	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Cyclohexane	110-82-7	980	U	550	U												
Dibromochloromethane	124-48-1	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Dichlorodifluoromethane	75-71-8	980	U	550	U	1	U			5	UJ			5	UJ	5	UJ
Ethylbenzene	100-41-4	980	U	550	U	1	U	11	U	5	UJ	12	U	0.7	J	5	UJ
Isopropylbenzene	98-82-8	980	U	550	U	1	U			5	UJ			5	UJ	5	UJ

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	134 Monroe Ave.		134 Monroe Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.	
	Top Depth	0		2		0		0		0		0.5		1		7	
	Sample Location	SS130		SB132		SS32		SS-51		SS79		SS-51		SB87		SB87	
	Sample ID	80018-SS130-0006		80018-SB132-0204		SS-032~AA26635~~110102		APK37		S-052004-DK-142		APK38		S-18281-051304-JR-053		S-18281-051304-JR-055	
	Risk Zone	C		C		A		A		A		A		A		A	
	Bottom Depth	0.5		4		0.25		0.5		0.5		2		1		7	
	Sample Date	10/23/2008		10/24/2008		11/1/2002		4/28/1999		5/20/2004		4/28/1999		5/13/2004		5/13/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	980	U	550	U	3	U										
Methyl Acetate	79-20-9	1300		550	U												
Methyl Tert-Butyl Ether	1634-04-4	980	U	550	U	7				5	UJ			5	UJ	5	UJ
Methylcyclohexane	108-87-2	980	U	550	U												
Methylene Chloride	75-09-2	980	U	550	U	1	U	12	UJ	5	UJ	12	UJ	5	UJ	5	UJ
N-Propylbenzene	103-65-1					1	U										
O-Xylene	95-47-6	980	U	550	U	1	U										
Styrene	100-42-5	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Tetrachloroethene	127-18-4	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Toluene	108-88-3	980	U	550	U	1	U	11	U	5	UJ	12	U	0.7	J	5	UJ
Trans-1,2-Dichloroethene	156-60-5	980	U	550	U	1	U			5	UJ			5	UJ	5	UJ
Trans-1,3-Dichloropropene	10061-02-6	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Trichloroethene	79-01-6	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ
Trichlorofluoromethane	75-69-4	980	U	550	U	1	U			5	UJ			5	UJ	5	UJ
Vinyl Chloride	75-01-4	980	U	550	U	1	U	11	U	5	UJ	12	U	5	UJ	5	UJ

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	135 Academy Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
	Top Depth	12.5		0		0		0		0.5		2		2		2	
	Sample Location	SB87		SS146		SS36		SS-38		SS-38		SB167		SB167		SB36	
	Sample ID	S-18281-051304-JR-057		80018-SS146-0002		SS-036~AA26628~~110102		APK08		APK09		80018-DUP110-0203		80018-SB167-0203		S-051204-JR-003	
	Risk Zone	A		Z		Z		Z		Z		Z		Z		Z	
	Bottom Depth	12.5		2		0.25		0.5		2		3		3		2	
	Sample Date	5/13/2004		11/1/2008		11/1/2002		4/26/1999		4/26/1999		11/12/2008		11/12/2008		5/12/2004	
	Sample Type	N		N		N		N		N		FD		N		N	
	Field Duplicate Parent											80018-SB167-0203					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
1,1,2,2-Tetrachloroethane	79-34-5	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	6	UJ	410	U	1	U					320	U	350	U	6	U
1,1,2-Trichloroethane	79-00-5	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
1,1-Dichloroethane	75-34-3	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
1,1-Dichloroethene	75-35-4	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
1,2,3-Trichlorobenzene	87-61-6			410	U	6	U					320	U	350	U		
1,2,4-Trichlorobenzene	120-82-1	6	UJ	410	U	1	U	400	U	350	U	320	U	350	U	6	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	6	UJ	410	U	1	U					320	U	350	U	6	UJ
1,2-Dibromoethane	106-93-4	6	UJ	410	U	1	U					320	U	350	U	6	U
1,2-Dichlorobenzene	95-50-1	6	UJ	410	U	1	U	400	U	350	U	320	U	350	U	6	U
1,2-Dichloroethane	107-06-2	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
1,2-Dichloropropane	78-87-5	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
1,3-Dichlorobenzene	541-73-1	6	UJ	410	U	1	U	400	U	350	U	320	U	350	U	6	U
1,4-Dichlorobenzene	106-46-7	6	UJ	410	U	1	U	400	U	350	U	320	U	350	U	6	U
1,4-Dioxane	123-91-1				R								R		R		
2-Butanone	78-93-3	12	UJ	830	U	1	U	12	U	11	U	640	U	700	U	11	U
2-Hexanone	591-78-6	12	UJ	830	U	1	U	12	UJ	11	U	640	U	700	U	11	UJ
4-Methyl-2-Pentanone	108-10-1	12	UJ	830	U	1	U	12	U	11	U	640	U	700	U	11	UJ
Acetone	67-64-1	12	UJ	830	U	19	J	12	U	11	U	640	U	700	U	11	UJ
Benzene	71-43-2	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Bromochloromethane	74-97-5			410	U	1	U					320	U	350	U		
Bromodichloromethane	75-27-4	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Bromoform	75-25-2	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	UJ
Bromomethane	74-83-9	6	UJ	410	U	6	U	12	U	11	U	320	U	350	U	6	U
Carbon Disulfide	75-15-0	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Carbon Tetrachloride	56-23-5	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Chlorobenzene	108-90-7	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Chloroethane	75-00-3	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	UJ
Chloroform	67-66-3	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Chloromethane	74-87-3	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Cis-1,2-Dichloroethene	156-59-2	6	UJ	410	U	1	U					320	U	350	U	6	U
Cis-1,3-Dichloropropene	10061-01-5	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	UJ
Cyclohexane	110-82-7			410	U							320	U	350	U		
Dibromochloromethane	124-48-1	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	UJ
Dichlorodifluoromethane	75-71-8	6	UJ	410	U	1	U					320	U	350	U	6	U
Ethylbenzene	100-41-4	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Isopropylbenzene	98-82-8	6	UJ	410	U	1	U					320	U	350	U	6	U

	Address	135 Academy Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
	Top Depth	12.5		0		0		0		0.5		2		2		2	
	Sample Location	SB87		SS146		SS36		SS-38		SS-38		SB167		SB167		SB36	
	Sample ID	S-18281-051304-JR-057		80018-SS146-0002		SS-036~AA26628~~110102		APK08		APK09		80018-DUP110-0203		80018-SB167-0203		S-051204-JR-003	
	Risk Zone	A		Z		Z		Z		Z		Z		Z		Z	
	Bottom Depth	12.5		2		0.25		0.5		2		3		3		2	
	Sample Date	5/13/2004		11/1/2008		11/1/2002		4/26/1999		4/26/1999		11/12/2008		11/12/2008		5/12/2004	
	Sample Type	N		N		N		N		N		FD		N		N	
	Field Duplicate Parent											80018-SB167-0203					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1			410	U	3	U					320	U	350	U		
Methyl Acetate	79-20-9			410	J							320	U	350	U		
Methyl Tert-Butyl Ether	1634-04-4	6	UJ	410	U	4	J					320	U	350	U	6	U
Methylcyclohexane	108-87-2			410	U							320	U	350	U		
Methylene Chloride	75-09-2	3	J EB	410	U	1	U	23	U	25	U	320	U	350	U	6	UJ
N-Propylbenzene	103-65-1					1	U										
O-Xylene	95-47-6			410	U	1	U					320	U	350	U		
Styrene	100-42-5	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Tetrachloroethene	127-18-4	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Toluene	108-88-3	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Trans-1,2-Dichloroethene	156-60-5	6	UJ	410	U	1	U					320	U	350	U	6	U
Trans-1,3-Dichloropropene	10061-02-6	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Trichloroethene	79-01-6	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U
Trichlorofluoromethane	75-69-4	6	UJ	410	U	1	U					320	U	350	U	6	U
Vinyl Chloride	75-01-4	6	UJ	410	U	1	U	12	U	11	U	320	U	350	U	6	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		137 Academy Ave.		141 Academy Ave.		141 Academy Ave.		141 Academy Ave.	
	Top Depth	7		10		16		0		0		0		4	
	Sample Location	SB36		SB36		SB36		SS34		SS101		SS101		SB101	
	Sample ID	S-051204-JR-004		SB36-10-11~AA26027~~102102		SB36-16-17~AA26026~~102102		SS-034~AA26572~~103102		80018-DUP100-0006		80018-SS101-0006		80018-SB101-0405	
	Risk Zone	Z		Z		Z		B		A		A		A	
	Bottom Depth	7		11		17		0.25		0.5		0.5		5	
	Sample Date	5/12/2004		10/21/2002		10/21/2002		10/31/2002		10/16/2008		10/16/2008		11/11/2008	
	Sample Type	N		N		N		N		FD		N		N	
	Field Duplicate Parent									80018-SS101-0006					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,1,2,2-Tetrachloroethane	79-34-5	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,1,2-Trichloroethane	79-00-5	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,1-Dichloroethane	75-34-3	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,1-Dichloroethene	75-35-4	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,2,3-Trichlorobenzene	87-61-6			1	U	1	U	2	U	620	U	590	U	510	U
1,2,4-Trichlorobenzene	120-82-1	6	UJ	1	U	1	U	2	U	620	U	590	U	510	U
1,2-Dibromo-3-Chloropropane	96-12-8	6	UJ	1	U	1	U	2	U	620	U	590	U	510	U
1,2-Dibromoethane	106-93-4	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,2-Dichlorobenzene	95-50-1	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,2-Dichloroethane	107-06-2	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,2-Dichloropropane	78-87-5	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,3-Dichlorobenzene	541-73-1	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,4-Dichlorobenzene	106-46-7	6	U	1	U	1	U	2	U	620	U	590	U	510	U
1,4-Dioxane	123-91-1										R		R		R
2-Butanone	78-93-3	12	U	6	U	6	U	2	U	1200	U	1200	U	1000	U
2-Hexanone	591-78-6	12	UJ	1	U	1	U	2	U	1200	U	1200	U	1000	U
4-Methyl-2-Pentanone	108-10-1	12	UJ	1	U	1	U	2	U	1200	U	1200	U	1000	U
Acetone	67-64-1	12	UJ	10	B	10	B	9		1200	U	1200	U	1000	U
Benzene	71-43-2	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Bromochloromethane	74-97-5			1	U	1	U	2	U	620	U	590	U	510	U
Bromodichloromethane	75-27-4	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Bromoform	75-25-2	6	UJ	1	U	1	U	2	U	620	U	590	U	510	U
Bromomethane	74-83-9	6	U	6	U	6	U	2	U	620	U	590	U	510	U
Carbon Disulfide	75-15-0	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Carbon Tetrachloride	56-23-5	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Chlorobenzene	108-90-7	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Chloroethane	75-00-3	6	UJ	1	U	1	U	2	U	620	U	590	U	510	U
Chloroform	67-66-3	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Chloromethane	74-87-3	6	U	6	U	6	U	2	U	620	U	590	U	510	U
Cis-1,2-Dichloroethene	156-59-2	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Cis-1,3-Dichloropropene	10061-01-5	6	UJ	1	U	1	U	2	U	620	U	590	U	510	U
Cyclohexane	110-82-7									620	U	590	U	510	U
Dibromochloromethane	124-48-1	6	UJ	1	U	1	U	2	U	620	U	590	U	510	U
Dichlorodifluoromethane	75-71-8	6	U	6	U	6	U	2	U	620	U	590	U	510	U
Ethylbenzene	100-41-4	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Isopropylbenzene	98-82-8	6	U	1	U	1	U	2	U	620	U	590	U	510	U

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	136 Store Ave.		136 Store Ave.		136 Store Ave.		137 Academy Ave.		141 Academy Ave.		141 Academy Ave.		141 Academy Ave.	
	Top Depth	7		10		16		0		0		0		4	
	Sample Location	SB36		SB36		SB36		SS34		SS101		SS101		SB101	
	Sample ID	S-051204-JR-004		SB36-10-11~AA26027~~102102		SB36-16-17~AA26026~~102102		SS-034~AA26572~~103102		80018-DUP100-0006		80018-SS101-0006		80018-SB101-0405	
	Risk Zone	Z		Z		Z		B		A		A		A	
	Bottom Depth	7		11		17		0.25		0.5		0.5		5	
	Sample Date	5/12/2004		10/21/2002		10/21/2002		10/31/2002		10/16/2008		10/16/2008		11/11/2008	
	Sample Type	N		N		N		N		FD		N		N	
	Field Duplicate Parent									80018-SS101-0006					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1			2	U	2	U	4	U	620	U	590	U	510	U
Methyl Acetate	79-20-9									920		360	J	960	
Methyl Tert-Butyl Ether	1634-04-4	6	U	7	B	8	B	11	B	620	U	590	U	510	U
Methylcyclohexane	108-87-2									620	U	590	U	510	U
Methylene Chloride	75-09-2	6	UJ	1	U	1	U	2	U	620	U	590	U	510	U
N-Propylbenzene	103-65-1			1	U	1	U	2	U						
O-Xylene	95-47-6			1	U	1	U	2	U	620	U	590	U	510	U
Styrene	100-42-5	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Tetrachloroethene	127-18-4	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Toluene	108-88-3	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Trans-1,2-Dichloroethene	156-60-5	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Trans-1,3-Dichloropropene	10061-02-6	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Trichloroethene	79-01-6	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Trichlorofluoromethane	75-69-4	6	U	1	U	1	U	2	U	620	U	590	U	510	U
Vinyl Chloride	75-01-4	6	U	1	U	1	U	2	U	620	U	590	U	510	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	142 Monroe Ave.	143 Newbury Ave.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.
	Top Depth	0	0	0	0	0	0	0	0.5
	Sample Location	SS131	SS07	SS-29	SS-31	SS-32	SS78	SS78	SS-29
	Sample ID	80018-SS131-0006	SS-07~AA23701~~100402	APJ89	APJ93	APJ95	S-052004-DK-118	S-052004-DK-119	APJ90
	Risk Zone	C	C	B	C	B	B	B	B
	Bottom Depth	0.5	0.25	0.5	0.5	0.5	0.5	0.5	2
	Sample Date	10/22/2008	10/4/2002	4/26/1999	4/26/1999	4/26/1999	5/20/2004	5/20/2004	4/26/1999
	Sample Type	N	N	N	N	N	N	FD	N
	Field Duplicate Parent							S-052004-DK-118	
	Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
1,1,1-Trichloroethane	71-55-6	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
1,1,2,2-Tetrachloroethane	79-34-5	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	380 U	1 U				5 UJ	5 UJ	
1,1,2-Trichloroethane	79-00-5	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
1,1-Dichloroethane	75-34-3	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
1,1-Dichloroethene	75-35-4	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
1,2,3-Trichlorobenzene	87-61-6	380 U	1 U						
1,2,4-Trichlorobenzene	120-82-1	380 U	1 U	410 U	400 U	390 U	5 UJ	5 UJ	380 U
1,2-Dibromo-3-Chloropropane	96-12-8	380 U	1 U				5 UJ	5 UJ	
1,2-Dibromoethane	106-93-4	380 U	1 U				5 UJ	5 UJ	
1,2-Dichlorobenzene	95-50-1	380 U	1 U	410 U	400 U	390 U	5 UJ	5 UJ	380 U
1,2-Dichloroethane	107-06-2	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
1,2-Dichloropropane	78-87-5	380 UJ	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
1,3-Dichlorobenzene	541-73-1	380 U	1 U	410 U	400 U	390 U	5 UJ	5 UJ	380 U
1,4-Dichlorobenzene	106-46-7	380 U	1 U	410 U	400 U	390 U	5 UJ	5 UJ	380 U
1,4-Dioxane	123-91-1	7500 U R							
2-Butanone	78-93-3	750 U	6 U	12 U	12 U	12 U	11 UJ	11 UJ	11 U
2-Hexanone	591-78-6	750 U	1 U	12 U	12 U	12 U	11 UJ	11 UJ	11 U
4-Methyl-2-Pentanone	108-10-1	750 U	1 U	12 U	12 U	12 U	11 UJ	11 UJ	11 U
Acetone	67-64-1	750 U	6 BJ	12 U	12 U	12 U	11 UJ	11 UJ	11 U
Benzene	71-43-2	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Bromochloromethane	74-97-5	380 U	1 U						
Bromodichloromethane	75-27-4	380 UJ	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Bromoform	75-25-2	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Bromomethane	74-83-9	380 U	6 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Carbon Disulfide	75-15-0	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Carbon Tetrachloride	56-23-5	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Chlorobenzene	108-90-7	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Chloroethane	75-00-3	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Chloroform	67-66-3	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Chloromethane	74-87-3	380 U	6 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Cis-1,2-Dichloroethene	156-59-2	380 U	1 U				5 UJ	5 UJ	
Cis-1,3-Dichloropropene	10061-01-5	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Cyclohexane	110-82-7	380 UJ							
Dibromochloromethane	124-48-1	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Dichlorodifluoromethane	75-71-8	380 U	6 U				5 UJ	5 UJ	
Ethylbenzene	100-41-4	380 U	1 U	12 U	12 U	12 U	5 UJ	5 UJ	11 U
Isopropylbenzene	98-82-8	380 U	1 U				5 UJ	5 UJ	

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	142 Monroe Ave.		143 Newbury Ave.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Top Depth	0		0		0		0		0		0		0		0.5	
	Sample Location	SS131		SS07		SS-29		SS-31		SS-32		SS78		SS78		SS-29	
	Sample ID	80018-SS131-0006		SS-07~AA23701~~100402		APJ89		APJ93		APJ95		S-052004-DK-118		S-052004-DK-119		APJ90	
	Risk Zone	C		C		B		C		B		B		B		B	
	Bottom Depth	0.5		0.25		0.5		0.5		0.5		0.5		0.5		2	
	Sample Date	10/22/2008		10/4/2002		4/26/1999		4/26/1999		4/26/1999		5/20/2004		5/20/2004		4/26/1999	
	Sample Type	N		N		N		N		N		N		FD		N	
	Field Duplicate Parent													S-052004-DK-118			
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	380	U	2	U												
Methyl Acetate	79-20-9	120	J														
Methyl Tert-Butyl Ether	1634-04-4	380	U	7								5	UJ	5	UJ		
Methylcyclohexane	108-87-2	380	UJ														
Methylene Chloride	75-09-2	380	U	1	U	12	U	16	U	12	U	5	UJ	5	UJ	11	U
N-Propylbenzene	103-65-1			1	U												
O-Xylene	95-47-6	380	U	1	U												
Styrene	100-42-5	380	U	1	U	12	U	12	U	12	U	5	UJ	5	UJ	11	U
Tetrachloroethene	127-18-4	380	U	1	U	12	UJ	12	U	12	U	5	UJ	5	UJ	11	UJ
Toluene	108-88-3	380	U	2		12	U	12	U	12	U	5	UJ	5	UJ	11	U
Trans-1,2-Dichloroethene	156-60-5	380	U	1	U							5	UJ	5	UJ		
Trans-1,3-Dichloropropene	10061-02-6	380	U	1	U	12	U	12	U	12	U	5	UJ	5	UJ	11	U
Trichloroethene	79-01-6	380	U	1	U	12	U	12	U	12	U	5	UJ	5	UJ	11	U
Trichlorofluoromethane	75-69-4	380	U	1	U							5	UJ	5	UJ		
Vinyl Chloride	75-01-4	380	U	1	U	12	U	12	U	12	U	5	UJ	5	UJ	11	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	148 Academy Ave.
	Top Depth	0.5	0.5	1	5	8	8	8	14	0
	Sample Location	SS-31	SS-32	SB53	SB53	MW1	SB53	SB53	SB53	SS-41
	Sample ID	APJ94	APJ96	S-051804-JR-101	S-051804-JR-102	S-071604-DK-206	S-051804-JR-103	S-051804-JR-104	S-051804-JR-105	APK14
	Risk Zone	C	B	B	B	B	B	B	B	Z
	Bottom Depth	2	2	1	5	8	8	8	14	0.5
	Sample Date	4/26/1999	4/26/1999	5/18/2004	5/18/2004	7/15/2004	5/18/2004	5/18/2004	5/18/2004	4/28/1999
	Sample Type	N	N	N	N	N	N	FD	N	N
	Field Duplicate Parent							S-051804-JR-103		
	Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
1,1,1-Trichloroethane	71-55-6	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
1,1,2,2-Tetrachloroethane	79-34-5	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1			5 UJ	8 UJ	6 UJ	6 UJ	5 UJ	6 UJ	
1,1,2-Trichloroethane	79-00-5	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
1,1-Dichloroethane	75-34-3	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
1,1-Dichloroethene	75-35-4	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
1,2,3-Trichlorobenzene	87-61-6									
1,2,4-Trichlorobenzene	120-82-1	400 U	410 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	410 U
1,2-Dibromo-3-Chloropropane	96-12-8			5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	
1,2-Dibromoethane	106-93-4			5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	
1,2-Dichlorobenzene	95-50-1	400 U	410 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	410 U
1,2-Dichloroethane	107-06-2	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
1,2-Dichloropropane	78-87-5	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
1,3-Dichlorobenzene	541-73-1	400 U	410 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	410 U
1,4-Dichlorobenzene	106-46-7	400 U	410 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	410 U
1,4-Dioxane	123-91-1									
2-Butanone	78-93-3	12 U	12 U	11 UJ	31 J	12 U	11 UJ	11 UJ	11 UJ	12 U
2-Hexanone	591-78-6	12 U	12 U	11 UJ	16 UJ	12 U	11 UJ	11 UJ	11 UJ	12 U
4-Methyl-2-Pentanone	108-10-1	12 U	12 U	11 UJ	16 UJ	12 U	11 UJ	11 UJ	11 UJ	12 U
Acetone	67-64-1	12 U	12 U	11 UJ	50 J	12 UJ	11 UJ	11 UJ	11 UJ	12 U
Benzene	71-43-2	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Bromochloromethane	74-97-5									
Bromodichloromethane	75-27-4	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Bromoform	75-25-2	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Bromomethane	74-83-9	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Carbon Disulfide	75-15-0	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Carbon Tetrachloride	56-23-5	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Chlorobenzene	108-90-7	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Chloroethane	75-00-3	12 U	12 U	5 UJ	8 UJ	6 UJ	6 UJ	5 UJ	6 UJ	12 U
Chloroform	67-66-3	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	1 J	12 U
Chloromethane	74-87-3	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Cis-1,2-Dichloroethene	156-59-2			5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	
Cis-1,3-Dichloropropene	10061-01-5	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Dichlorodifluoromethane	75-71-8			5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	
Ethylbenzene	100-41-4	12 U	12 U	5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	12 U
Isopropylbenzene	98-82-8			5 UJ	8 UJ	6 U	6 UJ	5 UJ	6 UJ	

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		148 Academy Ave.	
	Top Depth	0.5		0.5		1		5		8		8		8		14		0	
	Sample Location	SS-31		SS-32		SB53		SB53		MW1		SB53		SB53		SB53		SS-41	
	Sample ID	APJ94		APJ96		S-051804-JR-101		S-051804-JR-102		S-071604-DK-206		S-051804-JR-103		S-051804-JR-104		S-051804-JR-105		APK14	
	Risk Zone	C		B		B		B		B		B		B		B		Z	
	Bottom Depth	2		2		1		5		8		8		8		14		0.5	
	Sample Date	4/26/1999		4/26/1999		5/18/2004		5/18/2004		7/15/2004		5/18/2004		5/18/2004		5/18/2004		4/28/1999	
	Sample Type	N		N		N		N		N		N		FD		N		N	
	Field Duplicate Parent													S-051804-JR-103					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1																		
Methyl Acetate	79-20-9																		
Methyl Tert-Butyl Ether	1634-04-4					5	UJ	8	UJ	6	U	6	UJ	5	UJ	6	UJ		
Methylcyclohexane	108-87-2																		
Methylene Chloride	75-09-2	12	U	19	U	5	UJ	8	UJ	6	U	6	UJ	5	UJ	6	UJ	12	U
N-Propylbenzene	103-65-1																		
O-Xylene	95-47-6																		
Styrene	100-42-5	12	U	12	U	5	UJ	8	UJ	6	U	6	UJ	5	UJ	6	UJ	12	U
Tetrachloroethene	127-18-4	12	U	12	U	5	UJ	8	UJ	6	U	6	UJ	5	UJ	6	UJ	12	U
Toluene	108-88-3	12	U	12	U	5	UJ	1	J	6	U	6	UJ	5	UJ	6	UJ	12	U
Trans-1,2-Dichloroethene	156-60-5					5	UJ	8	UJ	6	U	6	UJ	5	UJ	6	UJ		
Trans-1,3-Dichloropropene	10061-02-6	12	U	12	U	5	UJ	8	UJ	6	U	6	UJ	5	UJ	6	UJ	12	U
Trichloroethene	79-01-6	12	U	12	U	5	UJ	8	UJ	6	U	6	UJ	5	UJ	6	UJ	12	U
Trichlorofluoromethane	75-69-4					5	UJ	8	UJ	6	UJ	6	UJ	5	UJ	6	UJ		
Vinyl Chloride	75-01-4	12	U	12	U	5	UJ	8	UJ	6	U	6	UJ	5	UJ	6	UJ	12	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	148 Academy Ave.		148 Academy Ave.		148 Academy Ave.		148 Academy Ave.		149 Academy Ave.		149 Academy Ave.		15 Donald Terr.	
	Top Depth	0		0		0.5		0.5		0		0.5		0	
	Sample Location	SS-41		SS-42		SS-41		SS-42		SS-52		SS-52		SS-46	
	Sample ID	APK15		APK17		APK16		APK18		APK39		APK40		APK26	
	Risk Zone	Z		Z		Z		Z		A		A		Z	
	Bottom Depth	0.5		0.5		2		2		0.5		2		0.5	
	Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999	
	Sample Type	FD		N		N		N		N		N		N	
	Field Duplicate Parent	APK14													
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	12	U	12	U	12	U	12	U	13	U	12	U	13	U
1,1,2,2-Tetrachloroethane	79-34-5	12	U	12	U	12	U	12	U	13	U	12	U	13	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1														
1,1,2-Trichloroethane	79-00-5	12	U	12	U	12	U	12	U	13	U	12	U	13	U
1,1-Dichloroethane	75-34-3	12	U	12	U	12	U	12	U	13	U	12	U	13	U
1,1-Dichloroethene	75-35-4	12	U	12	U	12	U	12	U	13	U	12	U	13	U
1,2,3-Trichlorobenzene	87-61-6														
1,2,4-Trichlorobenzene	120-82-1	400	U	390	U	400	U	400	U	430	U	400	U	430	U
1,2-Dibromo-3-Chloropropane	96-12-8														
1,2-Dibromoethane	106-93-4														
1,2-Dichlorobenzene	95-50-1	400	U	390	U	400	U	400	U	430	U	400	U	430	U
1,2-Dichloroethane	107-06-2	12	U	12	U	12	U	12	U	13	U	12	U	13	U
1,2-Dichloropropane	78-87-5	12	U	12	U	12	U	12	U	13	U	12	U	13	U
1,3-Dichlorobenzene	541-73-1	400	U	390	U	400	U	400	U	430	U	400	U	430	U
1,4-Dichlorobenzene	106-46-7	400	U	390	U	400	U	400	U	430	U	400	U	430	U
1,4-Dioxane	123-91-1														
2-Butanone	78-93-3	12	U	12	U	12	U	12	U	13	U	12	U	13	U
2-Hexanone	591-78-6	12	UJ	12	U	12	U	12	U	13	U	12	U	13	U
4-Methyl-2-Pentanone	108-10-1	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Acetone	67-64-1	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Benzene	71-43-2	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Bromochloromethane	74-97-5														
Bromodichloromethane	75-27-4	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Bromoform	75-25-2	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Bromomethane	74-83-9	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Carbon Disulfide	75-15-0	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Carbon Tetrachloride	56-23-5	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Chlorobenzene	108-90-7	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Chloroethane	75-00-3	12	U	12	U	12	U	12	U	13	UJ	12	UJ	13	U
Chloroform	67-66-3	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Chloromethane	74-87-3	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Cis-1,2-Dichloroethene	156-59-2														
Cis-1,3-Dichloropropene	10061-01-5	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Cyclohexane	110-82-7														
Dibromochloromethane	124-48-1	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Dichlorodifluoromethane	75-71-8														
Ethylbenzene	100-41-4	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Isopropylbenzene	98-82-8														

	Address	148 Academy Ave.		148 Academy Ave.		148 Academy Ave.		148 Academy Ave.		149 Academy Ave.		149 Academy Ave.		15 Donald Terr.	
	Top Depth	0		0		0.5		0.5		0		0.5		0	
	Sample Location	SS-41		SS-42		SS-41		SS-42		SS-52		SS-52		SS-46	
	Sample ID	APK15		APK17		APK16		APK18		APK39		APK40		APK26	
	Risk Zone	Z		Z		Z		Z		A		A		Z	
	Bottom Depth	0.5		0.5		2		2		0.5		2		0.5	
	Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999	
	Sample Type	FD		N		N		N		N		N		N	
	Field Duplicate Parent	APK14													
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1														
Methyl Acetate	79-20-9														
Methyl Tert-Butyl Ether	1634-04-4														
Methylcyclohexane	108-87-2														
Methylene Chloride	75-09-2	24	U	12	U	12	U	12	U	13	UJ	12	UJ	13	U
N-Propylbenzene	103-65-1														
O-Xylene	95-47-6														
Styrene	100-42-5	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Tetrachloroethene	127-18-4	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Toluene	108-88-3	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Trans-1,2-Dichloroethene	156-60-5														
Trans-1,3-Dichloropropene	10061-02-6	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Trichloroethene	79-01-6	12	U	12	U	12	U	12	U	13	U	12	U	13	U
Trichlorofluoromethane	75-69-4														
Vinyl Chloride	75-01-4	12	U	12	U	12	U	12	U	13	U	12	U	13	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	15 Donald Terr.		150 Monroe Ave.		158 Monroe Ave.		161 Academy Ave.		161 Academy Ave.	
	Top Depth	0.5		0		0		0		0	
	Sample Location	SS-46		SS132		SS133		SS33		SS80	
	Sample ID	APK27		80018-SS132-0006		80018-SS133-0006		SS-033~AA26634~~110102		SS-051704-DK-052	
	Risk Zone	Z		C		C		A		A	
	Bottom Depth	2		0.5		0.5		0.25		0.5	
	Sample Date	4/28/1999		10/22/2008		10/22/2008		11/1/2002		5/17/2004	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	11	U	430	U	480	U	3	U	5	UJ
1,1,2,2-Tetrachloroethane	79-34-5	11	U	430	U	480	U	3	U	5	UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1			430	U	480	U	3	U	5	UJ
1,1,2-Trichloroethane	79-00-5	11	U	430	U	480	U	3	U	5	UJ
1,1-Dichloroethane	75-34-3	11	U	430	U	480	U	3	U	5	UJ
1,1-Dichloroethene	75-35-4	11	U	430	U	480	U	3	U	5	UJ
1,2,3-Trichlorobenzene	87-61-6			430	U	480	U	15	U		
1,2,4-Trichlorobenzene	120-82-1	360	U	430	U	480	U	3	U	5	UJ
1,2-Dibromo-3-Chloropropane	96-12-8			430	U	480	U	3	U	5	UJ
1,2-Dibromoethane	106-93-4			430	U	480	U	3	U	5	UJ
1,2-Dichlorobenzene	95-50-1	360	U	430	U	480	U	3	U	5	UJ
1,2-Dichloroethane	107-06-2	11	U	430	U	480	U	3	U	5	UJ
1,2-Dichloropropane	78-87-5	11	U	430	U	480	U	3	U	5	UJ
1,3-Dichlorobenzene	541-73-1	360	U	430	U	480	U	3	U	5	UJ
1,4-Dichlorobenzene	106-46-7	360	U	430	U	480	U	3	U	5	UJ
1,4-Dioxane	123-91-1			8600	U R	9500	U R				
2-Butanone	78-93-3	11	U	860	U	950	U	3	U	9	UJ
2-Hexanone	591-78-6	11	U	860	U	950	U	3	U	9	UJ
4-Methyl-2-Pentanone	108-10-1	11	U	860	U	950	U	3	U	9	UJ
Acetone	67-64-1	11	U	860	U	950	U	110	J	9	UJ
Benzene	71-43-2	11	U	430	U	480	U	3	U	5	UJ
Bromochloromethane	74-97-5			430	U	480	U	3	U		
Bromodichloromethane	75-27-4	11	U	430	U	480	U	3	U	5	UJ
Bromoform	75-25-2	11	U	430	U	480	U	3	U	5	UJ
Bromomethane	74-83-9	11	U	430	U	480	U	15	U	5	UJ
Carbon Disulfide	75-15-0	11	U	430	U	480	U	3	U	5	UJ
Carbon Tetrachloride	56-23-5	11	U	430	U	480	U	3	U	5	UJ
Chlorobenzene	108-90-7	11	U	430	U	480	U	3	U	5	UJ
Chloroethane	75-00-3	11	U	430	U	480	U	3	U	5	UJ
Chloroform	67-66-3	11	U	430	U	480	U	3	U	5	UJ
Chloromethane	74-87-3	11	U	430	U	480	U	3	U	5	UJ
Cis-1,2-Dichloroethene	156-59-2			430	U	480	U	3	U	5	UJ
Cis-1,3-Dichloropropene	10061-01-5	11	U	430	U	480	U	3	U	5	UJ
Cyclohexane	110-82-7			430	U	480	U				
Dibromochloromethane	124-48-1	11	U	430	U	480	U	3	U	5	UJ
Dichlorodifluoromethane	75-71-8			430	U	480	U	3	U	5	UJ
Ethylbenzene	100-41-4	11	U	430	U	480	U	3	U	5	UJ
Isopropylbenzene	98-82-8			430	U	480	U	3	U	5	UJ

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	15 Donald Terr.		150 Monroe Ave.		158 Monroe Ave.		161 Academy Ave.		161 Academy Ave.	
	Top Depth	0.5		0		0		0		0	
	Sample Location	SS-46		SS132		SS133		SS33		SS80	
	Sample ID	APK27		80018-SS132-0006		80018-SS133-0006		SS-033~AA26634~~110102		SS-051704-DK-052	
	Risk Zone	Z		C		C		A		A	
	Bottom Depth	2		0.5		0.5		0.25		0.5	
	Sample Date	4/28/1999		10/22/2008		10/22/2008		11/1/2002		5/17/2004	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1			430	U	480	U	6	U		
Methyl Acetate	79-20-9			420	J	360	J				
Methyl Tert-Butyl Ether	1634-04-4			430	U	480	U	17		5	UJ
Methylcyclohexane	108-87-2			430	U	480	U				
Methylene Chloride	75-09-2	11	U	430	U	480	U	3	U	5	UJ
N-Propylbenzene	103-65-1							3	U		
O-Xylene	95-47-6			430	U	480	U	3	U		
Styrene	100-42-5	11	U	430	U	480	U	3	U	5	U
Tetrachloroethene	127-18-4	11	U	430	U	480	U	3	U	5	UJ
Toluene	108-88-3	11	U	430	U	480	U	3	U	5	UJ
Trans-1,2-Dichloroethene	156-60-5			430	U	480	U	3	U	5	UJ
Trans-1,3-Dichloropropene	10061-02-6	11	U	430	U	480	U	3	U	5	UJ
Trichloroethene	79-01-6	11	U	430	U	480	U	3	U	5	UJ
Trichlorofluoromethane	75-69-4			430	U	480	U	3	U	5	UJ
Vinyl Chloride	75-01-4	11	U	430	U	480	U	3	U	5	UJ

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		166 Monroe Ave.	
	Top Depth	1		1		7.5		13.5		13.5		0	
	Sample Location	SB29		SB88		SB88		SB88		SB88		SS134	
	Sample ID	SB29-01-02~AA26222~~102102		S-051704-JR-064		S-051704-JR-066		S-051704-JR-068		S-051704-JR-070		80018-SS134-0006	
	Risk Zone	A		A		A		A		A		C	
	Bottom Depth	2		1		7.5		13.5		13.5		0.5	
	Sample Date	10/21/2002		5/17/2004		5/17/2004		5/17/2004		5/17/2004		10/22/2008	
	Sample Type	N		N		N		N		FD		N	
	Field Duplicate Parent									S-051704-JR-068			
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,1,2,2-Tetrachloroethane	79-34-5	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,1,2-Trichloroethane	79-00-5	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,1-Dichloroethane	75-34-3	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,1-Dichloroethene	75-35-4	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,2,3-Trichlorobenzene	87-61-6	1	JB									420	U
1,2,4-Trichlorobenzene	120-82-1	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,2-Dibromo-3-Chloropropane	96-12-8	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,2-Dibromoethane	106-93-4	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,2-Dichlorobenzene	95-50-1	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,2-Dichloroethane	107-06-2	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,2-Dichloropropane	78-87-5	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,3-Dichlorobenzene	541-73-1	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,4-Dichlorobenzene	106-46-7	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
1,4-Dioxane	123-91-1											8400	U R
2-Butanone	78-93-3	1	U	14	UJ	11	UJ	11	UJ	11	UJ	840	U
2-Hexanone	591-78-6	1	U	14	UJ	11	UJ	11	UJ	11	UJ	840	U
4-Methyl-2-Pentanone	108-10-1	1	U	14	UJ	11	UJ	11	UJ	11	UJ	840	U
Acetone	67-64-1	10	J	14	UJ	11	UJ	11	UJ	11	UJ	840	U
Benzene	71-43-2	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Bromochloromethane	74-97-5	1	U									420	U
Bromodichloromethane	75-27-4	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Bromoform	75-25-2	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Bromomethane	74-83-9	6	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Carbon Disulfide	75-15-0	1	U	7	UJ	6	UJ	3	J	0.7	J	420	U
Carbon Tetrachloride	56-23-5	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Chlorobenzene	108-90-7	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Chloroethane	75-00-3	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Chloroform	67-66-3	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Chloromethane	74-87-3	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Cis-1,2-Dichloroethene	156-59-2	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Cis-1,3-Dichloropropene	10061-01-5	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Cyclohexane	110-82-7											420	U
Dibromochloromethane	124-48-1	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Dichlorodifluoromethane	75-71-8	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Ethylbenzene	100-41-4	1	U	3	J	6	UJ	5	UJ	5	UJ	420	U
Isopropylbenzene	98-82-8	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U

	Address	161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		166 Monroe Ave.	
	Top Depth	1		1		7.5		13.5		13.5		0	
	Sample Location	SB29		SB88		SB88		SB88		SB88		SS134	
	Sample ID	SB29-01-02~AA26222~~102102		S-051704-JR-064		S-051704-JR-066		S-051704-JR-068		S-051704-JR-070		80018-SS134-0006	
	Risk Zone	A		A		A		A		A		C	
	Bottom Depth	2		1		7.5		13.5		13.5		0.5	
	Sample Date	10/21/2002		5/17/2004		5/17/2004		5/17/2004		5/17/2004		10/22/2008	
	Sample Type	N		N		N		N		FD		N	
	Field Duplicate Parent									S-051704-JR-068			
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	2	U									420	U
Methyl Acetate	79-20-9											4600	
Methyl Tert-Butyl Ether	1634-04-4	6	B	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Methylcyclohexane	108-87-2											420	U
Methylene Chloride	75-09-2	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
N-Propylbenzene	103-65-1	1	U										
O-Xylene	95-47-6	1	U									420	U
Styrene	100-42-5	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Tetrachloroethene	127-18-4	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Toluene	108-88-3	1	U	0.9	J	6	UJ	5	UJ	5	UJ	420	U
Trans-1,2-Dichloroethene	156-60-5	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Trans-1,3-Dichloropropene	10061-02-6	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Trichloroethene	79-01-6	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Trichlorofluoromethane	75-69-4	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U
Vinyl Chloride	75-01-4	1	U	7	UJ	6	UJ	5	UJ	5	UJ	420	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	167 Academy Ave.		167 Academy Ave.		167 Academy Ave.		169 Meriden Rd.		169 Meriden Rd.		172 Newbury St.		172 Newbury St.		174 Monroe Ave.	
	Top Depth	0		0		0.5		1.2		5		0		0.5		0	
	Sample Location	SS-49		SS-49		SS-49		SB55		SB55		SS-47		SS-47		SS135	
	Sample ID	APK32		APK34		APK33		S-051904-JR-134		S-051904-JR-135		APK28		APK29		80018-SS135-0006	
	Risk Zone	A		A		A		Z		Z		Z		Z		C	
	Bottom Depth	0.5		0.5		2		1.2		5		0.5		2		0.5	
	Sample Date	4/28/1999		4/28/1999		4/28/1999		5/19/2004		5/19/2004		4/28/1999		4/28/1999		10/22/2008	
	Sample Type	N		FD		N		N		N		N		N		N	
	Field Duplicate Parent			APK32													
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
1,1,2,2-Tetrachloroethane	79-34-5	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1							7	UJ	6	UJ					490	U
1,1,2-Trichloroethane	79-00-5	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
1,1-Dichloroethane	75-34-3	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
1,1-Dichloroethene	75-35-4	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
1,2,3-Trichlorobenzene	87-61-6															490	U
1,2,4-Trichlorobenzene	120-82-1	400	U	410	U	410	U	7	UJ	6	UJ	390	U	430	U	490	U
1,2-Dibromo-3-Chloropropane	96-12-8							7	UJ	6	UJ					490	U
1,2-Dibromoethane	106-93-4							7	UJ	6	UJ					490	U
1,2-Dichlorobenzene	95-50-1	400	U	410	U	410	U	7	UJ	6	UJ	390	U	430	U	490	U
1,2-Dichloroethane	107-06-2	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
1,2-Dichloropropane	78-87-5	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
1,3-Dichlorobenzene	541-73-1	400	U	410	U	410	U	7	UJ	6	UJ	390	U	430	U	490	U
1,4-Dichlorobenzene	106-46-7	400	U	410	U	410	U	7	UJ	6	UJ	390	U	430	U	490	U
1,4-Dioxane	123-91-1															R	
2-Butanone	78-93-3	12	U	12	U	12	U	14	UJ	13	UJ	12	U	13	U	990	U
2-Hexanone	591-78-6	12	UJ	12	U	12	UJ	14	UJ	13	UJ	12	U	13	U	990	U
4-Methyl-2-Pentanone	108-10-1	12	U	12	U	12	U	14	UJ	13	UJ	12	U	13	U	990	U
Acetone	67-64-1	12	U	12	U	12	U	14	UJ	13	UJ	12	U	13	U	990	U
Benzene	71-43-2	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Bromochloromethane	74-97-5															490	U
Bromodichloromethane	75-27-4	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Bromoform	75-25-2	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Bromomethane	74-83-9	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	UJ
Carbon Disulfide	75-15-0	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Carbon Tetrachloride	56-23-5	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Chlorobenzene	108-90-7	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Chloroethane	75-00-3	12	U	12	UJ	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Chloroform	67-66-3	12	U	12	U	12	U	7	UJ	0.9	J	12	U	13	U	490	U
Chloromethane	74-87-3	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Cis-1,2-Dichloroethene	156-59-2							7	UJ	6	UJ					490	U
Cis-1,3-Dichloropropene	10061-01-5	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Cyclohexane	110-82-7															490	U
Dibromochloromethane	124-48-1	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Dichlorodifluoromethane	75-71-8							7	UJ	6	UJ					490	U
Ethylbenzene	100-41-4	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Isopropylbenzene	98-82-8							7	UJ	6	UJ					490	U

	Address	167 Academy Ave.		167 Academy Ave.		167 Academy Ave.		169 Meriden Rd.		169 Meriden Rd.		172 Newbury St.		172 Newbury St.		174 Monroe Ave.	
	Top Depth	0		0		0.5		1.2		5		0		0.5		0	
	Sample Location	SS-49		SS-49		SS-49		SB55		SB55		SS-47		SS-47		SS135	
	Sample ID	APK32		APK34		APK33		S-051904-JR-134		S-051904-JR-135		APK28		APK29		80018-SS135-0006	
	Risk Zone	A		A		A		Z		Z		Z		Z		C	
	Bottom Depth	0.5		0.5		2		1.2		5		0.5		2		0.5	
	Sample Date	4/28/1999		4/28/1999		4/28/1999		5/19/2004		5/19/2004		4/28/1999		4/28/1999		10/22/2008	
	Sample Type	N		FD		N		N		N		N		N		N	
	Field Duplicate Parent			APK32													
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1															490	U
Methyl Acetate	79-20-9															330	J
Methyl Tert-Butyl Ether	1634-04-4							7	UJ	6	UJ					490	U
Methylcyclohexane	108-87-2															490	U
Methylene Chloride	75-09-2	28	U	12	UJ	30	U	7	UJ	6	UJ	12	U	13	U	490	U
N-Propylbenzene	103-65-1																
O-Xylene	95-47-6															490	U
Styrene	100-42-5	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Tetrachloroethene	127-18-4	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Toluene	108-88-3	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Trans-1,2-Dichloroethene	156-60-5							7	UJ	6	UJ					490	U
Trans-1,3-Dichloropropene	10061-02-6	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Trichloroethene	79-01-6	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U
Trichlorofluoromethane	75-69-4							7	UJ	6	UJ					490	U
Vinyl Chloride	75-01-4	12	U	12	U	12	U	7	UJ	6	UJ	12	U	13	U	490	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	174 Monroe Ave.		175 Academy Ave.		195 Beecher Ave.		195 Beecher Ave.		195 Beecher Ave.		196 Monroe Ave.		196 Monroe Ave.		197 Academy Ave.	
	Top Depth	2		0		0		1.5		13.5		0		5		0	
	Sample Location	SB134		SS105		SS76		SB85		SB85		SS136		SB135		SS106	
	Sample ID	80018-SB134-0203		80018-SS105-0006		SS-051404-DK-034		S-051404-JR-030		S-051404-JR-032		80018-SS136-0006		80018-SB135-0507		80018-SS106-0006	
	Risk Zone	C		A		Z		Z		Z		C		C		B	
	Bottom Depth	3		0.5		0.5		1.5		13.5		0.5		7		0.5	
	Sample Date	11/12/2008		10/16/2008		5/14/2004		5/14/2004		5/14/2004		10/15/2008		11/4/2008		10/16/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,1,2,2-Tetrachloroethane	79-34-5	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,1,2-Trichloroethane	79-00-5	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,1-Dichloroethane	75-34-3	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,1-Dichloroethene	75-35-4	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,2,3-Trichlorobenzene	87-61-6	590	U	770	U							310	U	350	U	690	U
1,2,4-Trichlorobenzene	120-82-1	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,2-Dibromo-3-Chloropropane	96-12-8	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,2-Dibromoethane	106-93-4	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,2-Dichlorobenzene	95-50-1	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,2-Dichloroethane	107-06-2	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,2-Dichloropropane	78-87-5	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,3-Dichlorobenzene	541-73-1	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,4-Dichlorobenzene	106-46-7	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
1,4-Dioxane	123-91-1	R		R								R		R		R	
2-Butanone	78-93-3	1200	U	1500	U	11	UJ	12	UJ	13	UJ	630	U	700	U	1400	U
2-Hexanone	591-78-6	1200	U	1500	U	11	UJ	12	UJ	13	UJ	630	U	700	U	1400	U
4-Methyl-2-Pentanone	108-10-1	1200	U	1500	U	11	UJ	12	UJ	13	UJ	630	U	700	U	1400	U
Acetone	67-64-1	1200	U	1500	U	11	UJ	12	UJ	13	UJ	630	U	700	U	1400	U
Benzene	71-43-2	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Bromochloromethane	74-97-5	590	U	770	U							310	U	350	U	690	U
Bromodichloromethane	75-27-4	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Bromoform	75-25-2	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Bromomethane	74-83-9	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Carbon Disulfide	75-15-0	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Carbon Tetrachloride	56-23-5	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Chlorobenzene	108-90-7	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Chloroethane	75-00-3	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Chloroform	67-66-3	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Chloromethane	74-87-3	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Cis-1,2-Dichloroethene	156-59-2	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Cis-1,3-Dichloropropene	10061-01-5	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Cyclohexane	110-82-7	590	U	770	U							310	U	350	U	690	U
Dibromochloromethane	124-48-1	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Dichlorodifluoromethane	75-71-8	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Ethylbenzene	100-41-4	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Isopropylbenzene	98-82-8	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U

	Address	174 Monroe Ave.		175 Academy Ave.		195 Beecher Ave.		195 Beecher Ave.		195 Beecher Ave.		196 Monroe Ave.		196 Monroe Ave.		197 Academy Ave.	
	Top Depth	2		0		0		1.5		13.5		0		5		0	
	Sample Location	SB134		SS105		SS76		SB85		SB85		SS136		SB135		SS106	
	Sample ID	80018-SB134-0203		80018-SS105-0006		SS-051404-DK-034		S-051404-JR-030		S-051404-JR-032		80018-SS136-0006		80018-SB135-0507		80018-SS106-0006	
	Risk Zone	C		A		Z		Z		Z		C		C		B	
	Bottom Depth	3		0.5		0.5		1.5		13.5		0.5		7		0.5	
	Sample Date	11/12/2008		10/16/2008		5/14/2004		5/14/2004		5/14/2004		10/15/2008		11/4/2008		10/16/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	590	U	770	U							310	U	350	U	690	U
Methyl Acetate	79-20-9	590	U	750	J							370		460		600	J
Methyl Tert-Butyl Ether	1634-04-4	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Methylcyclohexane	108-87-2	590	U	770	U							310	U	350	U	690	U
Methylene Chloride	75-09-2	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
N-Propylbenzene	103-65-1																
O-Xylene	95-47-6	590	U	770	U							310	U	350	U	690	U
Styrene	100-42-5	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Tetrachloroethene	127-18-4	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Toluene	108-88-3	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Trans-1,2-Dichloroethene	156-60-5	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Trans-1,3-Dichloropropene	10061-02-6	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Trichloroethene	79-01-6	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Trichlorofluoromethane	75-69-4	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U
Vinyl Chloride	75-01-4	590	U	770	U	5	UJ	6	UJ	6	UJ	310	U	350	U	690	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	197 Academy Ave.	20 Newman Ave.	20 Newman Ave.	20 Newman Ave.	20 Newman Ave.	20 Newman Ave.	20 Newman Ave.	20 Newman Ave.
	Top Depth	4	0	0	0.5	1.5	5.5	14	14
	Sample Location	SB105	SS-14	SS15	SS-14	SB46	SB46	SB139	SB46
	Sample ID	80018-SB105-0405	APJ57	SS-015~AA26580~~103102	APJ58	S-052104-JR-152	S-052104-JR-153	80018-SB139-1416	S-052104-JR-154
	Risk Zone	B	H*	H*	H*	H*	H*	H*	H*
	Bottom Depth	5	0.5	0.25	2	1.5	5.5	16	14
	Sample Date	11/12/2008	4/27/1999	10/31/2002	4/27/1999	5/21/2004	5/21/2004	10/29/2008	5/21/2004
	Sample Type	N	N	N	N	N	N	N	N
	Field Duplicate Parent								
	Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
1,1,1-Trichloroethane	71-55-6	370 U	12 U	1 U	11 U	R	R	1000 U	R
1,1,2,2-Tetrachloroethane	79-34-5	370 U	12 U	1 U	11 U	R	R	1000 U	R
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	370 U		1 U		R	R	1000 U	R
1,1,2-Trichloroethane	79-00-5	370 U	12 U	1 U	11 U	R	R	1000 U	R
1,1-Dichloroethane	75-34-3	370 U	12 U	1 U	11 U	R	R	1000 U	R
1,1-Dichloroethene	75-35-4	370 U	12 U	1 U	11 U	R	R	1000 U	R
1,2,3-Trichlorobenzene	87-61-6	370 U		1 U				220 JB	
1,2,4-Trichlorobenzene	120-82-1	370 U	390 U	1 U	1100 U	R	R	1000 U	R
1,2-Dibromo-3-Chloropropane	96-12-8	370 U		1 U		R	R	1000 U	R
1,2-Dibromoethane	106-93-4	370 U		1 U		R	R	1000 U	R
1,2-Dichlorobenzene	95-50-1	370 U	390 U	1 U	1100 U	R	R	1000 U	R
1,2-Dichloroethane	107-06-2	370 U	12 U	1 U	11 U	R	R	1000 U	R
1,2-Dichloropropane	78-87-5	370 U	12 U	1 U	11 U	R	R	1000 U	R
1,3-Dichlorobenzene	541-73-1	370 U	390 U	1 U	1100 U	R	R	1000 U	R
1,4-Dichlorobenzene	106-46-7	370 U	390 U	1 U	1100 U	R	R	1000 U	R
1,4-Dioxane	123-91-1	R						21000 U	
2-Butanone	78-93-3	740 U	12 U	38	11 U	R	R	2100 U	R
2-Hexanone	591-78-6	740 U	12 U	1 U	11 U	R	R	2100 U	R
4-Methyl-2-Pentanone	108-10-1	740 U	12 U	1 U	11 U	R	R	2100 U	R
Acetone	67-64-1	740 U	12 U	93 J	11 U	13 UJ	12 UJ	2100 U	R
Benzene	71-43-2	370 U	12 U	1 U	11 U	R	R	330 J	R
Bromochloromethane	74-97-5	370 U		1 U				1000 U	
Bromodichloromethane	75-27-4	370 U	12 U	1 U	11 U	R	R	1000 U	R
Bromoform	75-25-2	370 U	12 U	1 U	11 U	R	R	1000 U	R
Bromomethane	74-83-9	370 U	12 U	1 U	11 U	R	R	1000 U	R
Carbon Disulfide	75-15-0	370 U	12 U	1	11 U	R	R	300 J	R
Carbon Tetrachloride	56-23-5	370 U	12 U	1 U	11 U	R	R	1000 U	R
Chlorobenzene	108-90-7	370 U	12 U	1 U	11 U	R	R	1000 U	R
Chloroethane	75-00-3	370 U	12 U	1 U	11 U	R	R	1000 U	R
Chloroform	67-66-3	370 U	12 U	1 U	11 U	R	R	1000 U	R
Chloromethane	74-87-3	370 U	12 U	1 U	11 U	R	R	1000 U	R
Cis-1,2-Dichloroethene	156-59-2	370 U		1 U		R	R	1000 U	R
Cis-1,3-Dichloropropene	10061-01-5	370 U	12 U	1 U	11 U	R	R	1000 U	R
Cyclohexane	110-82-7	370 U						1000 U	
Dibromochloromethane	124-48-1	370 U	12 U	1 U	11 U	R	R	1000 U	R
Dichlorodifluoromethane	75-71-8	370 U		1 U		R	R	1000 U	R
Ethylbenzene	100-41-4	370 U	12 U	1 U	11 U	R	R	1000 U	R
Isopropylbenzene	98-82-8	370 U		1 U		R	R	1000 U	R

	Address	197 Academy Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.		20 Newman Ave.	
	Top Depth	4		0		0		0.5		1.5		5.5		14		14	
	Sample Location	SB105		SS-14		SS15		SS-14		SB46		SB46		SB139		SB46	
	Sample ID	80018-SB105-0405		APJ57		SS-015~AA26580~~103102		APJ58		S-052104-JR-152		S-052104-JR-153		80018-SB139-1416		S-052104-JR-154	
	Risk Zone	B		H*		H*		H*		H*		H*		H*		H*	
	Bottom Depth	5		0.5		0.25		2		1.5		5.5		16		14	
	Sample Date	11/12/2008		4/27/1999		10/31/2002		4/27/1999		5/21/2004		5/21/2004		10/29/2008		5/21/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	370	U			2	U							260	J		
Methyl Acetate	79-20-9	370	U											400	J		
Methyl Tert-Butyl Ether	1634-04-4	370	U			8	B			R		R		190	J	600	J
Methylcyclohexane	108-87-2	370	U											1000	U		
Methylene Chloride	75-09-2	370	U	12	U	1	U	11	U	R		R		1000	U	1200	UJ
N-Propylbenzene	103-65-1					1	U										
O-Xylene	95-47-6	370	U			1	U							1000	U		
Styrene	100-42-5	370	U	12	U	1	U	11	U	R		R		1000	U	R	
Tetrachloroethene	127-18-4	370	U	12	U	1	U	11	U	R		R		1000	U	R	
Toluene	108-88-3	370	U	12	U	2		11	U	R		R		210	J	R	
Trans-1,2-Dichloroethene	156-60-5	370	U			1	U			R		R		230	J	R	
Trans-1,3-Dichloropropene	10061-02-6	370	U	12	U	1	U	11	U	R		R		1000	U	R	
Trichloroethene	79-01-6	370	U	12	U	1	U	11	U	R		R		590	J	R	
Trichlorofluoromethane	75-69-4	370	U			1	U			R		R		1000	U	R	
Vinyl Chloride	75-01-4	370	U	12	U	1	U	11	U	R		R		270	J	R	

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	20 Newman Ave.		204 Monroe Ave.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Monroe Ave.	
	Top Depth	14		0		0		0		0		18		2		6		0	
	Sample Location	SB46		SS137		SS41		SS41		SS110		SB114		SB42		SB42		SS-50	
	Sample ID	S-052104-JR-159		80018-SS137-0006		S-051904-DK-115		S-051904-DK-116		80018-SS110-0006		80018-SB114-1820		S-051804-DK-111		S-051804-DK-112		APK35	
	Risk Zone	H*		C		Z		Z		Z		Z		Z		Z		Z	
	Bottom Depth	14		0.5		0.5		0.5		0.5		20		2		7		0.5	
	Sample Date	5/21/2004		10/15/2008		5/19/2004		5/19/2004		10/16/2008		10/31/2008		5/18/2004		5/18/2004		4/28/1999	
	Sample Type	FD		N		N		FD		N		N		N		N		N	
	Field Duplicate Parent	S-052104-JR-154						S-051904-DK-115											
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
1,1,2,2-Tetrachloroethane	79-34-5	R		380	U	5	UJ	5	UJ	490	U	290	U	R		6	UJ	12	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ		
1,1,2-Trichloroethane	79-00-5	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
1,1-Dichloroethane	75-34-3	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
1,1-Dichloroethene	75-35-4	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
1,2,3-Trichlorobenzene	87-61-6			380	U					490	U	290	U						
1,2,4-Trichlorobenzene	120-82-1	R		380	U	5	UJ	5	UJ	490	U	290	U	R		6	UJ	400	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	R		380	U	5	UJ	5	UJ	490	U	290	U	R		6	UJ		
1,2-Dibromoethane	106-93-4	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ		
1,2-Dichlorobenzene	95-50-1	R		380	U	5	UJ	5	UJ	490	U	290	U	R		6	UJ	400	U
1,2-Dichloroethane	107-06-2	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
1,2-Dichloropropane	78-87-5	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
1,3-Dichlorobenzene	541-73-1	R		380	U	5	UJ	5	UJ	490	U	290	U	R		6	UJ	400	U
1,4-Dichlorobenzene	106-46-7	R		380	U	5	UJ	5	UJ	490	U	290	U	R		6	UJ	400	U
1,4-Dioxane	123-91-1			R						R		5800	U						
2-Butanone	78-93-3	R		750	U	11	UJ	10	UJ	980	U	580	U	10	UJ	12	UJ	12	U
2-Hexanone	591-78-6	R		750	U	11	UJ	10	UJ	980	U	580	U	10	UJ	12	UJ	12	U
4-Methyl-2-Pentanone	108-10-1	R		750	U	11	UJ	10	UJ	980	U	580	U	10	UJ	12	UJ	12	U
Acetone	67-64-1	R		750	U	5	J	10	UJ	980	U	580	U	10	UJ	30	UJ	12	U
Benzene	71-43-2	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Bromochloromethane	74-97-5			380	U					490	U	290	U						
Bromodichloromethane	75-27-4	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Bromoform	75-25-2	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Bromomethane	74-83-9	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Carbon Disulfide	75-15-0	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	0.9	J	12	U
Carbon Tetrachloride	56-23-5	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Chlorobenzene	108-90-7	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Chloroethane	75-00-3	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	UJ
Chloroform	67-66-3	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Chloromethane	74-87-3	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Cis-1,2-Dichloroethene	156-59-2	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ		
Cis-1,3-Dichloropropene	10061-01-5	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Cyclohexane	110-82-7			380	U					490	U	290	U						
Dibromochloromethane	124-48-1	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Dichlorodifluoromethane	75-71-8	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ		
Ethylbenzene	100-41-4	R		380	U	5	UJ	5	UJ	490	U	75	J	5	UJ	6	UJ	12	U
Isopropylbenzene	98-82-8	R		380	U	5	UJ	5	UJ	490	U	54	J	R		6	UJ		

	Address	20 Newman Ave.		204 Monroe Ave.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Monroe Ave.	
	Top Depth	14		0		0		0		0		18		2		6		0	
	Sample Location	SB46		SS137		SS41		SS41		SS110		SB114		SB42		SB42		SS-50	
	Sample ID	S-052104-JR-159		80018-SS137-0006		S-051904-DK-115		S-051904-DK-116		80018-SS110-0006		80018-SB114-1820		S-051804-DK-111		S-051804-DK-112		APK35	
	Risk Zone	H*		C		Z		Z		Z		Z		Z		Z		Z	
	Bottom Depth	14		0.5		0.5		0.5		0.5		20		2		7		0.5	
	Sample Date	5/21/2004		10/15/2008		5/19/2004		5/19/2004		10/16/2008		10/31/2008		5/18/2004		5/18/2004		4/28/1999	
	Sample Type	FD		N		N		FD		N		N		N		N		N	
	Field Duplicate Parent	S-052104-JR-154						S-051904-DK-115											
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1			380	U					490	U	92	J						
Methyl Acetate	79-20-9			170	J					580		290	U						
Methyl Tert-Butyl Ether	1634-04-4	960	J	380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ		
Methylcyclohexane	108-87-2			380	U					490	U	290	U						
Methylene Chloride	75-09-2	230	JEB	380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	UJ
N-Propylbenzene	103-65-1																		
O-Xylene	95-47-6			380	U					490	U	290	U						
Styrene	100-42-5	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Tetrachloroethene	127-18-4	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Toluene	108-88-3	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Trans-1,2-Dichloroethene	156-60-5	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ		
Trans-1,3-Dichloropropene	10061-02-6	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Trichloroethene	79-01-6	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	6	UJ	12	U
Trichlorofluoromethane	75-69-4	R		380	U	5	UJ	5	UJ	490	U	290	U	5	UJ	0.8	J		
Vinyl Chloride	75-01-4	R		380	U	3	UJ	3	UJ	490	U	290	U	5	UJ	6	UJ	12	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

	Address	211 Monroe Ave.		212 Monroe Ave.		212 Monroe Ave.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.	
	Top Depth	0.5		0		5		0		0		1		5		7	
	Sample Location	SS-50		SS138		SB136		SS111		SS112		SB41		SB113		SB41	
	Sample ID	APK36		80018-SS138-0006		80018-SB136-0507		80018-SS-111-0006		80018-SS112-0006		S-18281-051304-JR-045		80018-SB113-0507		S-18281-051304-JR-047	
	Risk Zone	Z		C		C		Z		Z		Z		Z		Z	
	Bottom Depth	2		0.5		7		0.5		0.5		1		7		7	
	Sample Date	4/28/1999		10/15/2008		11/3/2008		10/20/2008		10/20/2008		5/13/2004		10/28/2008		5/13/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,1,2,2-Tetrachloroethane	79-34-5	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1			420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,1,2-Trichloroethane	79-00-5	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,1-Dichloroethane	75-34-3	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,1-Dichloroethene	75-35-4	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,2,3-Trichlorobenzene	87-61-6			420	U	220	U	480	U	480	U			270	U		
1,2,4-Trichlorobenzene	120-82-1	450	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,2-Dibromo-3-Chloropropane	96-12-8			420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,2-Dibromoethane	106-93-4			420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,2-Dichlorobenzene	95-50-1	450	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,2-Dichloroethane	107-06-2	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,2-Dichloropropane	78-87-5	14	U	420	U	220	U	480	UJ	480	U	5	UJ	270	U	18	UJ
1,3-Dichlorobenzene	541-73-1	450	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,4-Dichlorobenzene	106-46-7	450	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
1,4-Dioxane	123-91-1				R		R		R		R				R		
2-Butanone	78-93-3	14	U	850	U	440	U	950	U	960	U	9	UJ	550	U	37	UJ
2-Hexanone	591-78-6	14	U	850	U	440	U	950	U	960	U	9	UJ	550	U	37	UJ
4-Methyl-2-Pentanone	108-10-1	14	U	850	U	440	U	950	U	960	U	9	UJ	550	U	37	UJ
Acetone	67-64-1	14	U	850	U	440	U	950	U	960	U	9	UJ	550	U	37	UJ
Benzene	71-43-2	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Bromochloromethane	74-97-5			420	U	220	U	480	U	480	U			270	U		
Bromodichloromethane	75-27-4	14	U	420	U	220	U	480	UJ	480	U	5	UJ	270	U	18	UJ
Bromoform	75-25-2	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Bromomethane	74-83-9	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Carbon Disulfide	75-15-0	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Carbon Tetrachloride	56-23-5	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Chlorobenzene	108-90-7	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Chloroethane	75-00-3	14	UJ	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Chloroform	67-66-3	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Chloromethane	74-87-3	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Cis-1,2-Dichloroethene	156-59-2			420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Cis-1,3-Dichloropropene	10061-01-5	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Cyclohexane	110-82-7			420	U	220	U	480	UJ	480	U			270	U		
Dibromochloromethane	124-48-1	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Dichlorodifluoromethane	75-71-8			420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Ethylbenzene	100-41-4	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Isopropylbenzene	98-82-8			420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	211 Monroe Ave.		212 Monroe Ave.		212 Monroe Ave.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.	
	Top Depth	0.5		0		5		0		0		1		5		7	
	Sample Location	SS-50		SS138		SB136		SS111		SS112		SB41		SB113		SB41	
	Sample ID	APK36		80018-SS138-0006		80018-SB136-0507		80018-SS-111-0006		80018-SS112-0006		S-18281-051304-JR-045		80018-SB113-0507		S-18281-051304-JR-047	
	Risk Zone	Z		C		C		Z		Z		Z		Z		Z	
	Bottom Depth	2		0.5		7		0.5		0.5		1		7		7	
	Sample Date	4/28/1999		10/15/2008		11/3/2008		10/20/2008		10/20/2008		5/13/2004		10/28/2008		5/13/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1			420	U	220	U	480	U	480	U			270	U		
Methyl Acetate	79-20-9			410	J	220	U	140	J	1700				270	U		
Methyl Tert-Butyl Ether	1634-04-4			420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Methylcyclohexane	108-87-2			420	U	220	U	480	UJ	480	U			270	U		
Methylene Chloride	75-09-2	14	UJ	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
N-Propylbenzene	103-65-1																
O-Xylene	95-47-6			420	U	220	U	480	U	480	U			270	U		
Styrene	100-42-5	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Tetrachloroethene	127-18-4	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Toluene	108-88-3	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	2	J
Trans-1,2-Dichloroethene	156-60-5			420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Trans-1,3-Dichloropropene	10061-02-6	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Trichloroethene	79-01-6	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Trichlorofluoromethane	75-69-4			420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ
Vinyl Chloride	75-01-4	14	U	420	U	220	U	480	U	480	U	5	UJ	270	U	18	UJ

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	219 Meriden Rd.		224 Monroe Ave.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.		231 Meriden Rd.	
	Top Depth	15		0		0		0.5		5		10		5	
	Sample Location	SB41		SS139		SS-54		SS-54		SB115		SB116		SB117	
	Sample ID	S-18281-051304-JR-049		80018-SS139-0006		APK43		APK44		80018-SB115-0507		80018-SB116-1012		80018-SB117-0507	
	Risk Zone	Z		C		Z		Z		Z		Z		Z	
	Bottom Depth	15		0.5		0.5		2		7		12		7	
	Sample Date	5/13/2004		10/8/2008		4/28/1999		4/28/1999		10/28/2008		10/28/2008		10/24/2008	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
1,1,2,2-Tetrachloroethane	79-34-5	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	UJ	450	U					310	U	810	U	350	U
1,1,2-Trichloroethane	79-00-5	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
1,1-Dichloroethane	75-34-3	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
1,1-Dichloroethene	75-35-4	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
1,2,3-Trichlorobenzene	87-61-6			450	U					310	U	810	U	350	U
1,2,4-Trichlorobenzene	120-82-1	5	UJ	450	U	390	U	400	U	310	U	810	U	350	U
1,2-Dibromo-3-Chloropropane	96-12-8	5	UJ	450	U					310	U	810	U	350	U
1,2-Dibromoethane	106-93-4	5	UJ	450	U					310	U	810	U	350	U
1,2-Dichlorobenzene	95-50-1	5	UJ	450	U	390	U	400	U	310	U	810	U	350	U
1,2-Dichloroethane	107-06-2	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
1,2-Dichloropropane	78-87-5	5	UJ	450	U	12	U	12	U	310	UJ	810	U	350	U
1,3-Dichlorobenzene	541-73-1	5	UJ	450	U	390	U	400	U	310	U	810	U	350	U
1,4-Dichlorobenzene	106-46-7	5	UJ	450	U	390	U	400	U	310	U	810	U	350	U
1,4-Dioxane	123-91-1				R						R	16000	U		R
2-Butanone	78-93-3	9	UJ	900	U	12	U	12	U	620	U	1600	U	700	U
2-Hexanone	591-78-6	9	UJ	900	U	12	U	12	U	620	U	1600	U	700	U
4-Methyl-2-Pentanone	108-10-1	9	UJ	900	U	12	U	12	U	620	U	1600	U	700	U
Acetone	67-64-1	9	UJ	900	U	12	U	12	U	620	U	1600	U	700	U
Benzene	71-43-2	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Bromochloromethane	74-97-5			450	U					310	U	810	U	350	U
Bromodichloromethane	75-27-4	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Bromoform	75-25-2	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Bromomethane	74-83-9	5	UJ	450	U	12	U	12	U	310	U	810	U	350	UJ
Carbon Disulfide	75-15-0	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Carbon Tetrachloride	56-23-5	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Chlorobenzene	108-90-7	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Chloroethane	75-00-3	5	UJ	450	U	12	UJ	12	UJ	310	U	810	U	350	U
Chloroform	67-66-3	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Chloromethane	74-87-3	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Cis-1,2-Dichloroethene	156-59-2	5	UJ	450	U					310	U	810	U	350	U
Cis-1,3-Dichloropropene	10061-01-5	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Cyclohexane	110-82-7			450	U					310	UJ	810	U	350	U
Dibromochloromethane	124-48-1	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Dichlorodifluoromethane	75-71-8	5	UJ	450	U					310	U	810	U	350	U
Ethylbenzene	100-41-4	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Isopropylbenzene	98-82-8	5	UJ	450	U					310	U	810	U	350	U

	Address	219 Meriden Rd.		224 Monroe Ave.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.		231 Meriden Rd.	
	Top Depth	15		0		0		0.5		5		10		5	
	Sample Location	SB41		SS139		SS-54		SS-54		SB115		SB116		SB117	
	Sample ID	S-18281-051304-JR-049		80018-SS139-0006		APK43		APK44		80018-SB115-0507		80018-SB116-1012		80018-SB117-0507	
	Risk Zone	Z		C		Z		Z		Z		Z		Z	
	Bottom Depth	15		0.5		0.5		2		7		12		7	
	Sample Date	5/13/2004		10/8/2008		4/28/1999		4/28/1999		10/28/2008		10/28/2008		10/24/2008	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1			450	U					310	U	810	U	350	U
Methyl Acetate	79-20-9			510						310	U	270	J	350	U
Methyl Tert-Butyl Ether	1634-04-4	5	UJ	450	U					310	U	810	U	350	U
Methylcyclohexane	108-87-2			450	U					310	UJ	810	U	350	U
Methylene Chloride	75-09-2	5	UJ	450	U	12	UJ	12	UJ	310	U	810	U	350	U
N-Propylbenzene	103-65-1														
O-Xylene	95-47-6			450	U					310	U	810	U	350	U
Styrene	100-42-5	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Tetrachloroethene	127-18-4	5	UJ	450	U	2	J	10	J	310	U	810	U	710	
Toluene	108-88-3	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Trans-1,2-Dichloroethene	156-60-5	5	UJ	450	U					310	U	810	U	350	U
Trans-1,3-Dichloropropene	10061-02-6	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Trichloroethene	79-01-6	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U
Trichlorofluoromethane	75-69-4	5	UJ	450	U					310	U	810	U	350	U
Vinyl Chloride	75-01-4	5	UJ	450	U	12	U	12	U	310	U	810	U	350	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	231 Meriden Rd.		231 Meriden Rd.		232 Monroe Ave.		232 Monroe Ave.		25 Atwood Ave.		29 Radcliffe Ave.		29 Radcliffe Ave.		299 Meriden Rd.	
	Top Depth	5		5		0		10		0		0		0.5		5	
	Sample Location	SB118		SB118		SS140		SB137		SS43		SS-48		SS-48		SB123	
	Sample ID	80018-DUP108-0507		80018-SB118-0507		80018-SS140-0006		80018-SB137-1012		SS-051204-DK-008		APK30		APK31		80018-SB123-0507	
	Risk Zone	Z		Z		C		C		Z		Z		Z		Z	
	Bottom Depth	7		7		0.5		12		0.5		0.5		2		7	
	Sample Date	10/30/2008		10/30/2008		10/15/2008		11/3/2008		5/12/2004		4/28/1999		4/28/1999		10/22/2008	
	Sample Type	FD		N		N		N		N		N		N		N	
	Field Duplicate Parent	80018-SB118-0507															
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
1,1,2,2-Tetrachloroethane	79-34-5	6200	U	11000	U	420	U	360	U	5	UJ	14	U	13	U	240	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	6200	U	11000	U	420	U	360	U	5	U					240	U
1,1,2-Trichloroethane	79-00-5	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
1,1-Dichloroethane	75-34-3	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
1,1-Dichloroethene	75-35-4	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
1,2,3-Trichlorobenzene	87-61-6	6200	U	11000	U	420	U	360	U							240	U
1,2,4-Trichlorobenzene	120-82-1	6200	U	11000	U	420	U	360	U	5	UJ	450	U	440	U	240	U
1,2-Dibromo-3-Chloropropane	96-12-8	6200	U	11000	U	420	U	360	U	5	UJ					240	U
1,2-Dibromoethane	106-93-4	6200	U	11000	U	420	U	360	U	5	U					240	U
1,2-Dichlorobenzene	95-50-1	6200	U	11000	U	420	U	360	U	5	UJ	450	U	440	U	240	U
1,2-Dichloroethane	107-06-2	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
1,2-Dichloropropane	78-87-5	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
1,3-Dichlorobenzene	541-73-1	6200	U	11000	U	420	U	360	U	5	UJ	450	U	440	U	240	U
1,4-Dichlorobenzene	106-46-7	6200	U	11000	U	420	U	360	U	5	UJ	450	U	440	U	240	U
1,4-Dioxane	123-91-1		R		R		R		R								R
2-Butanone	78-93-3	12000	U	22000	U	830	U	720	U	10	U	14	U	13	U	480	U
2-Hexanone	591-78-6	12000	U	22000	U	830	U	720	U	10	UJ	14	UJ	13	U	480	U
4-Methyl-2-Pentanone	108-10-1	12000	U	22000	U	830	U	720	U	10	UJ	14	U	13	U	480	U
Acetone	67-64-1	12000	U	22000	U	830	U	720	U	10	UJ	14	U	13	U	480	U
Benzene	71-43-2	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
Bromochloromethane	74-97-5	6200	U	11000	U	420	U	360	U							240	U
Bromodichloromethane	75-27-4	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
Bromoform	75-25-2	6200	U	11000	U	420	U	360	U	5	UJ	14	U	13	U	240	U
Bromomethane	74-83-9	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	UJ
Carbon Disulfide	75-15-0	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
Carbon Tetrachloride	56-23-5	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
Chlorobenzene	108-90-7	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
Chloroethane	75-00-3	6200	U	11000	U	420	U	360	U	5	UJ	14	U	13	U	240	U
Chloroform	67-66-3	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
Chloromethane	74-87-3	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
Cis-1,2-Dichloroethene	156-59-2	6200	U	11000	U	420	U	360	U	5	U					240	U
Cis-1,3-Dichloropropene	10061-01-5	6200	U	11000	U	420	U	360	U	5	UJ	14	U	13	U	240	U
Cyclohexane	110-82-7	6200	U	11000	U	420	U	360	U							240	U
Dibromochloromethane	124-48-1	6200	U	11000	U	420	U	360	U	5	UJ	14	U	13	U	240	U
Dichlorodifluoromethane	75-71-8	6200	U	11000	U	420	U	360	U	5	U					240	U
Ethylbenzene	100-41-4	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
Isopropylbenzene	98-82-8	6200	U	11000	U	420	U	360	U	5	UJ					240	U

	Address	231 Meriden Rd.		231 Meriden Rd.		232 Monroe Ave.		232 Monroe Ave.		25 Atwood Ave.		29 Radcliffe Ave.		29 Radcliffe Ave.		299 Meriden Rd.	
	Top Depth	5		5		0		10		0		0		0.5		5	
	Sample Location	SB118		SB118		SS140		SB137		SS43		SS-48		SS-48		SB123	
	Sample ID	80018-DUP108-0507		80018-SB118-0507		80018-SS140-0006		80018-SB137-1012		SS-051204-DK-008		APK30		APK31		80018-SB123-0507	
	Risk Zone	Z		Z		C		C		Z		Z		Z		Z	
	Bottom Depth	7		7		0.5		12		0.5		0.5		2		7	
	Sample Date	10/30/2008		10/30/2008		10/15/2008		11/3/2008		5/12/2004		4/28/1999		4/28/1999		10/22/2008	
	Sample Type	FD		N		N		N		N		N		N		N	
	Field Duplicate Parent	80018-SB118-0507															
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	6200	U	11000	U	420	U	360	U							240	U
Methyl Acetate	79-20-9	6200	U	11000	U	160	J	360	U							240	U
Methyl Tert-Butyl Ether	1634-04-4	6200	U	11000	U	420	U	360	U	5	U					240	U
Methylcyclohexane	108-87-2	6200	U	11000	U	420	U	360	U							240	U
Methylene Chloride	75-09-2	6200	U	11000	U	420	U	360	U	5	UJ	29	U	13	U	240	U
N-Propylbenzene	103-65-1																
O-Xylene	95-47-6	6200	U	11000	U	420	U	360	U							240	U
Styrene	100-42-5	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
Tetrachloroethene	127-18-4	880000	DJ	1700000	DJ	420	U	360	U	5	U	14	U	13	U	240	U
Toluene	108-88-3	6200	U	11000	U	420	U	74	J	5	U	14	U	13	U	240	U
Trans-1,2-Dichloroethene	156-60-5	6200	U	11000	U	420	U	360	U	5	U					240	U
Trans-1,3-Dichloropropene	10061-02-6	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U
Trichloroethene	79-01-6	1200	J	2700	J	420	U	360	U	5	U	14	U	13	U	240	U
Trichlorofluoromethane	75-69-4	6200	U	11000	U	420	U	360	U	5	U					240	U
Vinyl Chloride	75-01-4	6200	U	11000	U	420	U	360	U	5	U	14	U	13	U	240	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

	Address	299 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.	
	Top Depth	5		0		0		0		3		5		7		12	
	Sample Location	SB124		SS116		SS117		SS37		SB37		SB125		SB37		SB37	
	Sample ID	80018-SB124-0507		80018-SS116-0002		80018-SS117-0002		S-052004-DK-144		S-051204-JR-005		80018-SB125-0507		S-051204-JR-007		S-051204-JR-009	
	Risk Zone	Z		Z		Z		Z		Z		Z		Z		Z	
	Bottom Depth	7		2		0.5		0.5		3		7		7		12	
	Sample Date	10/23/2008		10/23/2008		10/24/2008		5/20/2004		5/12/2004		10/23/2008		5/12/2004		5/12/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
1,1,2,2-Tetrachloroethane	79-34-5	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	U	6	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
1,1,2-Trichloroethane	79-00-5	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
1,1-Dichloroethane	75-34-3	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
1,1-Dichloroethene	75-35-4	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
1,2,3-Trichlorobenzene	87-61-6	300	U	340	U	310	U					270	U				
1,2,4-Trichlorobenzene	120-82-1	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	UJ	6	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	UJ	6	UJ
1,2-Dibromoethane	106-93-4	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
1,2-Dichlorobenzene	95-50-1	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	U	6	U
1,2-Dichloroethane	107-06-2	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
1,2-Dichloropropane	78-87-5	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
1,3-Dichlorobenzene	541-73-1	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	U	6	U
1,4-Dichlorobenzene	106-46-7	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	U	6	U
1,4-Dioxane	123-91-1	R		R		R						R					
2-Butanone	78-93-3	600	U	680	U	630	U	12	UJ	10	U	550	U	14	U	12	U
2-Hexanone	591-78-6	600	U	680	U	630	U	12	UJ	10	UJ	550	U	14	UJ	12	UJ
4-Methyl-2-Pentanone	108-10-1	600	U	680	U	630	U	12	UJ	10	UJ	550	U	14	UJ	12	UJ
Acetone	67-64-1	600	U	680	U	630	U	12	UJ	10	UJ	550	U	14	UJ	12	UJ
Benzene	71-43-2	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Bromochloromethane	74-97-5	300	U	340	U	310	U					270	U				
Bromodichloromethane	75-27-4	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Bromoform	75-25-2	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	UJ	6	UJ
Bromomethane	74-83-9	300	UJ	340	UJ	310	UJ	6	UJ	5	U	270	UJ	7	U	6	U
Carbon Disulfide	75-15-0	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Carbon Tetrachloride	56-23-5	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Chlorobenzene	108-90-7	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Chloroethane	75-00-3	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	UJ	6	UJ
Chloroform	67-66-3	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Chloromethane	74-87-3	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Cis-1,2-Dichloroethene	156-59-2	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Cis-1,3-Dichloropropene	10061-01-5	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	UJ	6	UJ
Cyclohexane	110-82-7	300	U	340	U	310	U					270	U				
Dibromochloromethane	124-48-1	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	UJ	6	UJ
Dichlorodifluoromethane	75-71-8	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Ethylbenzene	100-41-4	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Isopropylbenzene	98-82-8	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	U	6	U

	Address	299 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.	
	Top Depth	5		0		0		0		3		5		7		12	
	Sample Location	SB124		SS116		SS117		SS37		SB37		SB125		SB37		SB37	
	Sample ID	80018-SB124-0507		80018-SS116-0002		80018-SS117-0002		S-052004-DK-144		S-051204-JR-005		80018-SB125-0507		S-051204-JR-007		S-051204-JR-009	
	Risk Zone	Z		Z		Z		Z		Z		Z		Z		Z	
	Bottom Depth	7		2		0.5		0.5		3		7		7		12	
	Sample Date	10/23/2008		10/23/2008		10/24/2008		5/20/2004		5/12/2004		10/23/2008		5/12/2004		5/12/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	300	U	340	U	310	U					270	U				
Methyl Acetate	79-20-9	300	U	340	U	73	J					270	U				
Methyl Tert-Butyl Ether	1634-04-4	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Methylcyclohexane	108-87-2	300	U	340	U	310	U					270	U				
Methylene Chloride	75-09-2	300	U	340	U	310	U	6	UJ	5	UJ	270	U	7	UJ	6	UJ
N-Propylbenzene	103-65-1																
O-Xylene	95-47-6	300	U	340	U	310	U					270	U				
Styrene	100-42-5	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Tetrachloroethene	127-18-4	300	U	340	U	310	U	6	UJ	1	J	270	U	7	U	6	U
Toluene	108-88-3	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Trans-1,2-Dichloroethene	156-60-5	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Trans-1,3-Dichloropropene	10061-02-6	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Trichloroethene	79-01-6	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Trichlorofluoromethane	75-69-4	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U
Vinyl Chloride	75-01-4	300	U	340	U	310	U	6	UJ	5	U	270	U	7	U	6	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	305 Meriden Rd.		313 Meriden Rd.		40 Monroe Ave.		40 Monroe Ave.		40 Monroe Ave.		41 Dunbar St.		48 Monroe Ave.		50 Store Ave.	
	Top Depth	14		0		0		1.25		9		10		0		0	
	Sample Location	SB126		SS39		SS119		SB43		SB43		SB112		SS120		SS35	
	Sample ID	80018-SB126-1416		SS-051204-DK-006		80018-SS119-0006		S-051804-DK-107		S-051804-DK-108		80018-SB112-1012		80018-SS120-0006		SS-035~AA26626~~110102	
	Risk Zone	Z		Z		D2		D2		D2		D2		D2		Z	
	Bottom Depth	16		0.5		0.5		1.25		9		12		0.5		0.25	
	Sample Date	10/24/2008		5/12/2004		10/16/2008		5/18/2004		5/18/2004		11/3/2008		10/16/2008		11/1/2002	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	270	UJ	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,1,2,2-Tetrachloroethane	79-34-5	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	270	UJ	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,1,2-Trichloroethane	79-00-5	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,1-Dichloroethane	75-34-3	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,1-Dichloroethene	75-35-4	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,2,3-Trichlorobenzene	87-61-6	270	U			400	U					360	U	490	U	8	U
1,2,4-Trichlorobenzene	120-82-1	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	1	J
1,2-Dibromo-3-Chloropropane	96-12-8	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,2-Dibromoethane	106-93-4	270	UJ	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,2-Dichlorobenzene	95-50-1	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,2-Dichloroethane	107-06-2	270	UJ	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,2-Dichloropropane	78-87-5	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,3-Dichlorobenzene	541-73-1	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,4-Dichlorobenzene	106-46-7	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U
1,4-Dioxane	123-91-1	R				R						R		R			
2-Butanone	78-93-3	540	U	18	J	800	U	9	UJ	15	UJ	720	U	980	U	2	U
2-Hexanone	591-78-6	540	U	13	UJ	800	U	9	UJ	15	UJ	720	U	980	U	2	U
4-Methyl-2-Pentanone	108-10-1	540	U	13	UJ	800	U	9	UJ	15	UJ	720	U	980	U	2	U
Acetone	67-64-1	540	U	160	UJ	800	U	9	UJ	28	UJ	720	U	980	U	6	
Benzene	71-43-2	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Bromochloromethane	74-97-5	270	U			400	U					360	U	490	U	2	U
Bromodichloromethane	75-27-4	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Bromoform	75-25-2	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Bromomethane	74-83-9	270	UJ	7	U	400	U	4	UJ	8	UJ	360	U	490	U	8	U
Carbon Disulfide	75-15-0	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Carbon Tetrachloride	56-23-5	270	UJ	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Chlorobenzene	108-90-7	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Chloroethane	75-00-3	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Chloroform	67-66-3	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Chloromethane	74-87-3	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Cis-1,2-Dichloroethene	156-59-2	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Cis-1,3-Dichloropropene	10061-01-5	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Cyclohexane	110-82-7	270	U			400	U					360	U	490	U		
Dibromochloromethane	124-48-1	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Dichlorodifluoromethane	75-71-8	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Ethylbenzene	100-41-4	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Isopropylbenzene	98-82-8	270	U	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U

	Address	305 Meriden Rd.		313 Meriden Rd.		40 Monroe Ave.		40 Monroe Ave.		40 Monroe Ave.		41 Dunbar St.		48 Monroe Ave.		50 Store Ave.	
	Top Depth	14		0		0		1.25		9		10		0		0	
	Sample Location	SB126		SS39		SS119		SB43		SB43		SB112		SS120		SS35	
	Sample ID	80018-SB126-1416		SS-051204-DK-006		80018-SS119-0006		S-051804-DK-107		S-051804-DK-108		80018-SB112-1012		80018-SS120-0006		SS-035~AA26626~~110102	
	Risk Zone	Z		Z		D2		D2		D2		D2		D2		Z	
	Bottom Depth	16		0.5		0.5		1.25		9		12		0.5		0.25	
	Sample Date	10/24/2008		5/12/2004		10/16/2008		5/18/2004		5/18/2004		11/3/2008		10/16/2008		11/1/2002	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	270	U			400	U					360	U	490	U	3	U
Methyl Acetate	79-20-9	270	UJ			100	J					360	U	140	J		
Methyl Tert-Butyl Ether	1634-04-4	270	UJ	7	U	400	U	4	UJ	2	J	360	U	490	U	5	
Methylcyclohexane	108-87-2	270	U			400	U					360	U	490	U		
Methylene Chloride	75-09-2	270	UJ	7	UJ	400	U	4	UJ	8	UJ	360	U	490	U	2	U
N-Propylbenzene	103-65-1															2	U
O-Xylene	95-47-6	270	U			400	U					360	U	490	U	2	U
Styrene	100-42-5	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Tetrachloroethene	127-18-4	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Toluene	108-88-3	270	U	7	U	400	U	4	UJ	1	J	360	U	490	U	2	U
Trans-1,2-Dichloroethene	156-60-5	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Trans-1,3-Dichloropropene	10061-02-6	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Trichloroethene	79-01-6	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Trichlorofluoromethane	75-69-4	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U
Vinyl Chloride	75-01-4	270	U	7	U	400	U	4	UJ	8	UJ	360	U	490	U	2	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	52 Monroe Ave.	52 Monroe Ave.	55 Academy Ave.	55 Academy Ave.	55 Academy Ave.	55 Academy Ave.	55 Academy Ave.	55 Academy Ave.	67 Academy Ave.
	Top Depth	0	5	0	0	0	0.5	0.5	0.5	0
	Sample Location	SS121	SB129	SS-43	SS-44	SS-45	SS-43	SS-44	SS-45	SS30
	Sample ID	80018-SS121-0006	80018-SB129-0507	APK19	APK21	APK23	APK20	APK22	APK24	SS-030~AA26631~~110102
	Risk Zone	D2	D2	Z	Z	Z	Z	Z	Z	Z
	Bottom Depth	0.5	7	0.5	0.5	0.5	2	2	2	0.25
	Sample Date	10/16/2008	11/5/2008	4/27/1999	4/27/1999	4/27/1999	4/27/1999	4/27/1999	4/27/1999	11/1/2002
	Sample Type	N	N	N	N	N	N	N	N	N
	Field Duplicate Parent									
	Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
1,1,1-Trichloroethane	71-55-6	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	700 U	230 U							1 U
1,1,2-Trichloroethane	79-00-5	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
1,1-Dichloroethane	75-34-3	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
1,1-Dichloroethene	75-35-4	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
1,2,3-Trichlorobenzene	87-61-6	700 U	230 U							6 U
1,2,4-Trichlorobenzene	120-82-1	700 U	230 U	350 U	400 U	380 U	410 U	380 U	360 U	1 J
1,2-Dibromo-3-Chloropropane	96-12-8	700 U	230 U							1 U
1,2-Dibromoethane	106-93-4	700 U	230 U							1 U
1,2-Dichlorobenzene	95-50-1	700 U	230 U	350 U	400 U	380 U	410 U	380 U	360 U	1 U
1,2-Dichloroethane	107-06-2	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
1,2-Dichloropropane	78-87-5	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
1,3-Dichlorobenzene	541-73-1	700 U	230 U	350 U	400 U	380 U	410 U	380 U	360 U	1 U
1,4-Dichlorobenzene	106-46-7	700 U	230 U	350 U	400 U	380 U	410 U	380 U	360 U	1 U
1,4-Dioxane	123-91-1	R	R							
2-Butanone	78-93-3	1400 U	470 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
2-Hexanone	591-78-6	1400 U	470 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
4-Methyl-2-Pentanone	108-10-1	1400 U	470 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Acetone	67-64-1	1400 U	470 U	11 U	12 U	11 U	12 U	12 U	11 U	9 J
Benzene	71-43-2	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Bromochloromethane	74-97-5	700 U	230 U							1 U
Bromodichloromethane	75-27-4	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Bromoform	75-25-2	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Bromomethane	74-83-9	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	6 U
Carbon Disulfide	75-15-0	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Carbon Tetrachloride	56-23-5	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Chlorobenzene	108-90-7	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Chloroethane	75-00-3	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Chloroform	67-66-3	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Chloromethane	74-87-3	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Cis-1,2-Dichloroethene	156-59-2	700 U	230 U							1 U
Cis-1,3-Dichloropropene	10061-01-5	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Cyclohexane	110-82-7	700 U	230 U							
Dibromochloromethane	124-48-1	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Dichlorodifluoromethane	75-71-8	700 U	230 U							1 U
Ethylbenzene	100-41-4	700 U	230 U	11 U	12 U	11 U	12 U	12 U	11 U	1 U
Isopropylbenzene	98-82-8	700 U	230 U							1 U

	Address	52 Monroe Ave.		52 Monroe Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		67 Academy Ave.	
	Top Depth	0		5		0		0		0		0.5		0.5		0.5		0	
	Sample Location	SS121		SB129		SS-43		SS-44		SS-45		SS-43		SS-44		SS-45		SS30	
	Sample ID	80018-SS121-0006		80018-SB129-0507		APK19		APK21		APK23		APK20		APK22		APK24		SS-030~AA26631~~110102	
	Risk Zone	D2		D2		Z		Z		Z		Z		Z		Z		Z	
	Bottom Depth	0.5		7		0.5		0.5		0.5		2		2		2		0.25	
	Sample Date	10/16/2008		11/5/2008		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		11/1/2002	
	Sample Type	N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																		
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	700	U	230	U													2	U
Methyl Acetate	79-20-9	230	J	230	U														
Methyl Tert-Butyl Ether	1634-04-4	700	U	230	U													4	
Methylcyclohexane	108-87-2	700	U	230	U														
Methylene Chloride	75-09-2	700	U	230	U	11	U	12	U	11	U	12	U	13	U	11	U	1	U
N-Propylbenzene	103-65-1																	1	U
O-Xylene	95-47-6	700	U	230	U													1	U
Styrene	100-42-5	700	U	230	U	11	U	12	U	11	U	12	U	12	U	11	U	1	U
Tetrachloroethene	127-18-4	700	U	230	U	11	U	12	U	11	U	12	U	12	U	11	U	1	U
Toluene	108-88-3	700	U	230	U	11	U	12	U	11	U	12	U	12	U	11	U	1	U
Trans-1,2-Dichloroethene	156-60-5	700	U	230	U													1	U
Trans-1,3-Dichloropropene	10061-02-6	700	U	230	U	11	U	12	U	11	U	12	U	12	U	11	U	1	U
Trichloroethene	79-01-6	700	U	230	U	11	U	12	U	11	U	12	U	12	U	11	U	1	U
Trichlorofluoromethane	75-69-4	700	U	230	U													1	U
Vinyl Chloride	75-01-4	700	U	230	U	11	U	12	U	11	U	12	U	12	U	11	U	1	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	68 Monroe Ave.		68 Monroe Ave.		68 Monroe Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Top Depth	0		0		5		0		1.5		2.5		5		7	
	Sample Location	SS123		SS42		SB130		SS44		SB51		SB50		SB106		SB51	
	Sample ID	80018-SS123-0006		SS-051404-DK-010		80018-SB130-0507		S-052404-DK-164		S-051704-JR-080		S-052404-JR-160		80018-SB106-0507		S-051704-JR-082	
	Risk Zone	D2		D2		D2		Z		Z		B		Z		Z	
	Bottom Depth	0.5		0.5		7		0.5		1.5		2.5		7		7	
	Sample Date	10/16/2008		5/14/2004		11/4/2008		5/24/2004		5/17/2004		5/24/2004		10/29/2008		5/17/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,1,2,2-Tetrachloroethane	79-34-5	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,1,2-Trichloroethane	79-00-5	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,1-Dichloroethane	75-34-3	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,1-Dichloroethene	75-35-4	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,2,3-Trichlorobenzene	87-61-6	420	U			370	U							810	U		
1,2,4-Trichlorobenzene	120-82-1	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,2-Dibromoethane	106-93-4	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,2-Dichlorobenzene	95-50-1	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,2-Dichloroethane	107-06-2	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,2-Dichloropropane	78-87-5	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,3-Dichlorobenzene	541-73-1	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,4-Dichlorobenzene	106-46-7	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
1,4-Dioxane	123-91-1	R				R								16000	U		
2-Butanone	78-93-3	850	U	12	UJ	740	U	12	UJ	14	UJ	10	UJ	1600	U	10	UJ
2-Hexanone	591-78-6	850	U	12	UJ	740	U	12	UJ	11	J	10	UJ	1600	U	10	UJ
4-Methyl-2-Pentanone	108-10-1	850	U	12	UJ	740	U	12	UJ	6	J	10	UJ	1600	U	10	UJ
Acetone	67-64-1	850	U	12	UJ	740	U	12	UJ	14	UJ	10	UJ	450	J	10	UJ
Benzene	71-43-2	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Bromochloromethane	74-97-5	420	U			370	U							810	U		
Bromodichloromethane	75-27-4	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Bromoform	75-25-2	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Bromomethane	74-83-9	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Carbon Disulfide	75-15-0	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Carbon Tetrachloride	56-23-5	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Chlorobenzene	108-90-7	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Chloroethane	75-00-3	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Chloroform	67-66-3	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Chloromethane	74-87-3	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Cis-1,2-Dichloroethene	156-59-2	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Cis-1,3-Dichloropropene	10061-01-5	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Cyclohexane	110-82-7	420	U			370	U							810	U		
Dibromochloromethane	124-48-1	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Dichlorodifluoromethane	75-71-8	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Ethylbenzene	100-41-4	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Isopropylbenzene	98-82-8	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ

	Address	68 Monroe Ave.		68 Monroe Ave.		68 Monroe Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Top Depth	0		0		5		0		1.5		2.5		5		7	
	Sample Location	SS123		SS42		SB130		SS44		SB51		SB50		SB106		SB51	
	Sample ID	80018-SS123-0006		SS-051404-DK-010		80018-SB130-0507		S-052404-DK-164		S-051704-JR-080		S-052404-JR-160		80018-SB106-0507		S-051704-JR-082	
	Risk Zone	D2		D2		D2		Z		Z		B		Z		Z	
	Bottom Depth	0.5		0.5		7		0.5		1.5		2.5		7		7	
	Sample Date	10/16/2008		5/14/2004		11/4/2008		5/24/2004		5/17/2004		5/24/2004		10/29/2008		5/17/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	420	U			370	U							810	U		
Methyl Acetate	79-20-9	260	J			93	J							940			
Methyl Tert-Butyl Ether	1634-04-4	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Methylcyclohexane	108-87-2	420	U			370	U							810	U		
Methylene Chloride	75-09-2	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
N-Propylbenzene	103-65-1																
O-Xylene	95-47-6	420	U			370	U							810	U		
Styrene	100-42-5	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Tetrachloroethene	127-18-4	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Toluene	108-88-3	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Trans-1,2-Dichloroethene	156-60-5	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Trans-1,3-Dichloropropene	10061-02-6	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Trichloroethene	79-01-6	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Trichlorofluoromethane	75-69-4	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ
Vinyl Chloride	75-01-4	420	U	6	UJ	370	U	6	UJ	7	UJ	5	UJ	810	U	5	UJ

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.	72 Dallas Ave.	72 Dallas Ave.	74 Monroe Ave.	76 Altyre St.	76 Altyre St.	76 Altyre St.	82 Hinsdale Ave.
	Top Depth	7.5	12.5	12.5	0	0	2.5	12.5	0
	Sample Location	SB50	SB51	SB51	SS124	SS45	SB54	SB54	SS77
	Sample ID	S-052404-JR-161	S-051704-JR-084	S-051704-JR-086	80018-SS124-0006	SS-051704-DK-050	S-051704-JR-056	S-051704-JR-058	SS-051404-DK-048
	Risk Zone	B	Z	Z	D2	Z	Z	Z	Z
	Bottom Depth	7.5	12.5	12.5	0.5	0.5	2.5	12.5	0.5
	Sample Date	5/24/2004	5/17/2004	5/17/2004	10/16/2008	5/17/2004	5/17/2004	5/17/2004	5/14/2004
	Sample Type	N	N	FD	N	N	N	N	N
	Field Duplicate Parent			S-051704-JR-084					
	Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
1,1,1-Trichloroethane	71-55-6	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,1,2,2-Tetrachloroethane	79-34-5	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,1,2-Trichloroethane	79-00-5	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,1-Dichloroethane	75-34-3	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,1-Dichloroethene	75-35-4	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,2,3-Trichlorobenzene	87-61-6				460 U				
1,2,4-Trichlorobenzene	120-82-1	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,2-Dibromo-3-Chloropropane	96-12-8	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,2-Dibromoethane	106-93-4	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,2-Dichlorobenzene	95-50-1	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,2-Dichloroethane	107-06-2	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,2-Dichloropropane	78-87-5	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,3-Dichlorobenzene	541-73-1	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,4-Dichlorobenzene	106-46-7	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
1,4-Dioxane	123-91-1				R				
2-Butanone	78-93-3	130 J	11 UJ	11 UJ	910 U	13 UJ	12 UJ	11 UJ	22 J
2-Hexanone	591-78-6	27 UJ	11 UJ	11 UJ	910 U	13 UJ	12 UJ	11 UJ	12 UJ
4-Methyl-2-Pentanone	108-10-1	27 UJ	11 UJ	11 UJ	910 U	13 UJ	12 UJ	11 UJ	12 UJ
Acetone	67-64-1	210 J	11 UJ	11 UJ	910 U	13 UJ	12 UJ	11 UJ	75 J
Benzene	71-43-2	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Bromochloromethane	74-97-5				460 U				
Bromodichloromethane	75-27-4	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Bromoform	75-25-2	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Bromomethane	74-83-9	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Carbon Disulfide	75-15-0	3 J	0.7 J	1 J	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Carbon Tetrachloride	56-23-5	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Chlorobenzene	108-90-7	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Chloroethane	75-00-3	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Chloroform	67-66-3	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Chloromethane	74-87-3	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Cis-1,2-Dichloroethene	156-59-2	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Cis-1,3-Dichloropropene	10061-01-5	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Cyclohexane	110-82-7				460 U				
Dibromochloromethane	124-48-1	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Dichlorodifluoromethane	75-71-8	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Ethylbenzene	100-41-4	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ
Isopropylbenzene	98-82-8	14 UJ	6 UJ	6 UJ	460 U	6 UJ	6 UJ	5 UJ	6 UJ

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		74 Monroe Ave.		76 Altyre St.		76 Altyre St.		76 Altyre St.		82 Hinsdale Ave.	
	Top Depth	7.5		12.5		12.5		0		0		2.5		12.5		0	
	Sample Location	SB50		SB51		SB51		SS124		SS45		SB54		SB54		SS77	
	Sample ID	S-052404-JR-161		S-051704-JR-084		S-051704-JR-086		80018-SS124-0006		SS-051704-DK-050		S-051704-JR-056		S-051704-JR-058		SS-051404-DK-048	
	Risk Zone	B		Z		Z		D2		Z		Z		Z		Z	
	Bottom Depth	7.5		12.5		12.5		0.5		0.5		2.5		12.5		0.5	
	Sample Date	5/24/2004		5/17/2004		5/17/2004		10/16/2008		5/17/2004		5/17/2004		5/17/2004		5/14/2004	
	Sample Type	N		N		FD		N		N		N		N		N	
	Field Duplicate Parent					S-051704-JR-084											
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1							460	U								
Methyl Acetate	79-20-9							640									
Methyl Tert-Butyl Ether	1634-04-4	14	UJ	6	UJ	6	UJ	460	U	6	UJ	6	UJ	5	UJ	6	UJ
Methylcyclohexane	108-87-2							460	U								
Methylene Chloride	75-09-2	14	UJ	6	UJ	6	UJ	460	U	6	UJ	6	UJ	5	UJ	6	UJ
N-Propylbenzene	103-65-1																
O-Xylene	95-47-6							460	U								
Styrene	100-42-5	14	UJ	6	UJ	6	UJ	460	U	6	UJ	6	UJ	5	UJ	6	UJ
Tetrachloroethene	127-18-4	14	UJ	6	UJ	6	UJ	460	U	6	UJ	6	UJ	5	UJ	6	UJ
Toluene	108-88-3	14	UJ	6	UJ	6	UJ	460	U	6	UJ	6	UJ	0.4	J	6	UJ
Trans-1,2-Dichloroethene	156-60-5	14	UJ	6	UJ	6	UJ	460	U	6	UJ	6	UJ	5	UJ	6	UJ
Trans-1,3-Dichloropropene	10061-02-6	14	UJ	6	UJ	6	UJ	460	U	6	UJ	6	UJ	5	UJ	6	UJ
Trichloroethene	79-01-6	14	UJ	6	UJ	6	UJ	460	U	6	UJ	6	UJ	5	UJ	6	UJ
Trichlorofluoromethane	75-69-4	14	UJ	6	UJ	6	UJ	460	U	6	UJ	6	UJ	5	UJ	6	UJ
Vinyl Chloride	75-01-4	14	UJ	6	UJ	6	UJ	460	U	6	UJ	6	UJ	5	UJ	6	UJ

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	82 Hinsdale Ave.		82 Hinsdale Ave.		82 Hinsdale Ave.		Meriden Rd.		Meriden Rd. Lot Behind U-Haul		Pine Grove Cemetery	
	Top Depth	2		2		7.5		5		0		0	
	Sample Location	SB86		SB86		SB86		SB127		SS46		SS47	
	Sample ID	S-051404-JR-036		S-051404-JR-038		S-051404-JR-040		80018-SB127-0509		S-051904-DK-117		S-052004-DK-141	
	Risk Zone	Z		Z		Z		Z		Z		Z	
	Bottom Depth	2		2		7.5		9		0.5		0.5	
	Sample Date	5/14/2004		5/14/2004		5/14/2004		10/22/2008		5/19/2004		5/20/2004	
	Sample Type	N		FD		N		N		N		N	
	Field Duplicate Parent			S-051404-JR-036									
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,1,2,2-Tetrachloroethane	79-34-5	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	6	UJ	6	UJ	7	UJ	300	U	6	UJ	2	J
1,1,2-Trichloroethane	79-00-5	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,1-Dichloroethane	75-34-3	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,1-Dichloroethene	75-35-4	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,2,3-Trichlorobenzene	87-61-6							300	U				
1,2,4-Trichlorobenzene	120-82-1	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,2-Dibromoethane	106-93-4	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,2-Dichlorobenzene	95-50-1	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,2-Dichloroethane	107-06-2	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,2-Dichloropropane	78-87-5	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,3-Dichlorobenzene	541-73-1	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,4-Dichlorobenzene	106-46-7	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
1,4-Dioxane	123-91-1							R					
2-Butanone	78-93-3	12	UJ	12	UJ	14	UJ	610	U	12	UJ	11	UJ
2-Hexanone	591-78-6	12	UJ	12	UJ	14	UJ	610	U	12	UJ	11	UJ
4-Methyl-2-Pentanone	108-10-1	12	UJ	12	UJ	14	UJ	610	U	12	UJ	11	UJ
Acetone	67-64-1	12	UJ	12	UJ	14	UJ	610	U	32	UJ	46	J
Benzene	71-43-2	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Bromochloromethane	74-97-5							300	U				
Bromodichloromethane	75-27-4	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Bromoform	75-25-2	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Bromomethane	74-83-9	6	UJ	6	UJ	7	UJ	300	UJ	6	UJ	5	UJ
Carbon Disulfide	75-15-0	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Carbon Tetrachloride	56-23-5	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Chlorobenzene	108-90-7	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Chloroethane	75-00-3	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Chloroform	67-66-3	6	UJ	6	UJ	7	UJ	64	J	6	UJ	5	UJ
Chloromethane	74-87-3	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Cis-1,2-Dichloroethene	156-59-2	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Cis-1,3-Dichloropropene	10061-01-5	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Cyclohexane	110-82-7							300	U				
Dibromochloromethane	124-48-1	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Dichlorodifluoromethane	75-71-8	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Ethylbenzene	100-41-4	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Isopropylbenzene	98-82-8	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ

	Address	82 Hinsdale Ave.		82 Hinsdale Ave.		82 Hinsdale Ave.		Meriden Rd.		Meriden Rd. Lot Behind U-Haul		Pine Grove Cemetery	
	Top Depth	2		2		7.5		5		0		0	
	Sample Location	SB86		SB86		SB86		SB127		SS46		SS47	
	Sample ID	S-051404-JR-036		S-051404-JR-038		S-051404-JR-040		80018-SB127-0509		S-051904-DK-117		S-052004-DK-141	
	Risk Zone	Z		Z		Z		Z		Z		Z	
	Bottom Depth	2		2		7.5		9		0.5		0.5	
	Sample Date	5/14/2004		5/14/2004		5/14/2004		10/22/2008		5/19/2004		5/20/2004	
	Sample Type	N		FD		N		N		N		N	
	Field Duplicate Parent			S-051404-JR-036									
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1							300	U				
Methyl Acetate	79-20-9							300	U				
Methyl Tert-Butyl Ether	1634-04-4	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Methylcyclohexane	108-87-2							300	U				
Methylene Chloride	75-09-2	6	UJ	6	UJ	7	UJ	300	U	6	UJ	3	J
N-Propylbenzene	103-65-1												
O-Xylene	95-47-6							300	U				
Styrene	100-42-5	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Tetrachloroethene	127-18-4	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Toluene	108-88-3	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Trans-1,2-Dichloroethene	156-60-5	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Trans-1,3-Dichloropropene	10061-02-6	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Trichloroethene	79-01-6	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Trichlorofluoromethane	75-69-4	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ
Vinyl Chloride	75-01-4	6	UJ	6	UJ	7	UJ	300	U	6	UJ	5	UJ

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	Pine Grove Cemetery		Pine Grove Cemetery		Vacant Monroe Parcel		Vacant Monroe Parcel	
	Top Depth	0		0.5		0		5	
	Sample Location	SS-55		SS-55		SS141		SB138	
	Sample ID	APK45		APK46		80018-SS141-0006		80018-SB138-0507	
	Risk Zone	Z		Z		D2		D2	
	Bottom Depth	0.5		2		0.5		7	
	Sample Date	4/28/1999		4/28/1999		10/16/2008		10/31/2008	
	Sample Type	N		N		N		N	
	Field Duplicate Parent								
	Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	14	U	14	U	360	U	370	U
1,1,2,2-Tetrachloroethane	79-34-5	14	U	14	U	360	U	370	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1					360	U	370	U
1,1,2-Trichloroethane	79-00-5	14	U	14	U	360	U	370	U
1,1-Dichloroethane	75-34-3	14	U	14	U	360	U	370	U
1,1-Dichloroethene	75-35-4	14	U	14	U	360	U	370	U
1,2,3-Trichlorobenzene	87-61-6					360	U	370	U
1,2,4-Trichlorobenzene	120-82-1	460	U	440	U	360	U	370	U
1,2-Dibromo-3-Chloropropane	96-12-8					360	U	370	U
1,2-Dibromoethane	106-93-4					360	U	370	U
1,2-Dichlorobenzene	95-50-1	460	U	440	U	360	U	370	U
1,2-Dichloroethane	107-06-2	14	U	14	U	360	U	370	U
1,2-Dichloropropane	78-87-5	14	U	14	U	360	U	370	U
1,3-Dichlorobenzene	541-73-1	460	U	440	U	360	U	370	U
1,4-Dichlorobenzene	106-46-7	460	U	440	U	360	U	370	U
1,4-Dioxane	123-91-1						R	7400	U
2-Butanone	78-93-3	14	U	14	U	720	U	740	U
2-Hexanone	591-78-6	14	U	14	U	720	U	740	U
4-Methyl-2-Pentanone	108-10-1	14	U	14	U	720	U	740	U
Acetone	67-64-1	14	U	14	U	720	U	740	U
Benzene	71-43-2	14	U	14	U	360	U	370	U
Bromochloromethane	74-97-5					360	U	370	U
Bromodichloromethane	75-27-4	14	U	14	U	360	U	370	U
Bromoform	75-25-2	14	U	14	U	360	U	370	U
Bromomethane	74-83-9	14	U	14	U	360	U	370	U
Carbon Disulfide	75-15-0	14	U	14	U	360	U	370	U
Carbon Tetrachloride	56-23-5	14	U	14	U	360	U	370	U
Chlorobenzene	108-90-7	14	U	14	U	360	U	370	U
Chloroethane	75-00-3	14	UJ	14	UJ	360	U	370	U
Chloroform	67-66-3	14	U	14	U	360	U	370	U
Chloromethane	74-87-3	14	U	14	U	360	U	370	U
Cis-1,2-Dichloroethene	156-59-2					360	U	370	U
Cis-1,3-Dichloropropene	10061-01-5	14	U	14	U	360	U	370	U
Cyclohexane	110-82-7					360	U	370	U
Dibromochloromethane	124-48-1	14	U	14	U	360	U	370	U
Dichlorodifluoromethane	75-71-8					360	U	370	U
Ethylbenzene	100-41-4	14	U	14	U	360	U	370	U
Isopropylbenzene	98-82-8					360	U	370	U

Appendix H
Analytical Data Summary
VOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	Pine Grove Cemetery		Pine Grove Cemetery		Vacant Monroe Parcel		Vacant Monroe Parcel	
	Top Depth	0		0.5		0		5	
	Sample Location	SS-55		SS-55		SS141		SB138	
	Sample ID	APK45		APK46		80018-SS141-0006		80018-SB138-0507	
	Risk Zone	Z		Z		D2		D2	
	Bottom Depth	0.5		2		0.5		7	
	Sample Date	4/28/1999		4/28/1999		10/16/2008		10/31/2008	
	Sample Type	N		N		N		N	
	Field Duplicate Parent								
	Unit	ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1					360	U	370	U
Methyl Acetate	79-20-9					150	J	95	J
Methyl Tert-Butyl Ether	1634-04-4					360	U	370	U
Methylcyclohexane	108-87-2					360	U	370	U
Methylene Chloride	75-09-2	14	UJ	14	UJ	360	U	370	U
N-Propylbenzene	103-65-1								
O-Xylene	95-47-6					360	U	370	U
Styrene	100-42-5	14	U	14	U	360	U	370	U
Tetrachloroethene	127-18-4	14	U	14	U	360	U	370	U
Toluene	108-88-3	14	U	14	U	360	U	370	U
Trans-1,2-Dichloroethene	156-60-5					360	U	370	U
Trans-1,3-Dichloropropene	10061-02-6	14	U	14	U	360	U	370	U
Trichloroethene	79-01-6	14	U	14	U	360	U	370	U
Trichlorofluoromethane	75-69-4					360	U	370	U
Vinyl Chloride	75-01-4	14	U	14	U	360	U	370	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	5		2		4		0		0		0		0		0		0		0	
	Sample Location	SB102		SB103		SB104		SB17		SB17		SS06		SS06		SS102		SS103		SS104	
	Sample ID	80018-SB102-0506		80018-SB103-0203		80018-SB104-0405		SB17-00-01~A0SE5-5A70~~102302		SB17-00-01~AA26221~~101802		SS-06~A0RG2-14B70~~103102		SS-06~AA26585~~103102		80018-SS102-0006		80018-SS103-0006		80018-SS104-0006	
	Risk Zone	A		A		A		B		B		B		B		A		A		A	
	Bottom Depth	6		3		5		1		1		0.25		0.25		0.5		0.5		0.5	
	Sample Date	11/11/2008		11/11/2008		11/12/2008		10/23/2002		10/18/2002		10/31/2002		10/31/2002		10/16/2008		10/16/2008		10/16/2008	
	Sample Type	N		N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																				
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	98	J	240	U	220	U	830	U			420	U			27	J	250	U	270	U
1,2,4,5-Tetrachlorobenzene	95-94-3	230	U	240	U	220	U									220	U	250	U	270	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
2,3,4,6-Tetrachlorophenol	58-90-2	230	U	240	U	220	U									220	U	250	U	270	U
2,4,5-Trichlorophenol	95-95-4	230	U	240	U	220	U	2100	U			1100	U			220	U	250	U	270	U
2,4,6-Trichlorophenol	88-06-2	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
2,4-Dichlorophenol	120-83-2	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
2,4-Dimethylphenol	105-67-9	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
2,4-Dinitrophenol	51-28-5	450	UJ	470	U	430	U	2100	U			1100	U			420	U	490	U	520	U
2,4-Dinitrotoluene	121-14-2	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
2,6-Dinitrotoluene	606-20-2	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
2-Chloronaphthalene	91-58-7	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
2-Chlorophenol	95-57-8	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
2-Methylnaphthalene	91-57-6	240		240	U	220	U	830	U			420	U			95	J	79	J	270	U
2-Methylphenol	95-48-7	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
2-Nitroaniline	88-74-4	450	U	470	U	430	U	2100	U			1100	U			420	U	490	U	520	U
2-Nitrophenol	88-75-5	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
3,3'-Dichlorobenzidine	91-94-1	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
3-Nitroaniline	99-09-2	450	U	470	U	430	U	2100	U			1100	U			420	U	490	U	520	U
4,6-Dinitro-2-Methylphenol	534-52-1	450	U	470	U	430	U	2100	U			1100	U			420	U	490	U	520	U
4-Bromophenyl-Phenylether	101-55-3	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
4-Chloro-3-Methylphenol	59-50-7	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
4-Chloroaniline	106-47-8	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
4-Chlorophenyl-Phenylether	7005-72-3	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
4-Methylphenol	106-44-5	62	J	240	U	220	U	830	U			420	U			220	U	250	U	270	U
4-Nitroaniline	100-01-6	450	U	470	U	430	U	2100	U			1100	U			420	U	490	U	520	U
4-Nitrophenol	100-02-7	450	U	470	U	430	U	2100	U			1100	U			420	U	490	U	520	U
Acenaphthene	83-32-9	810		240	U	220	U	110	J			420	U			160	J	120	J	270	U
Acenaphthylene	208-96-8	280		240	U	220	U	220	J			420	U			1000	J	1200		270	U
Acetophenone	98-86-2	230	U	240	U	220	U	370	J			21	JB			220	U	250	U	270	U
Anthracene	120-12-7	2500		240	U	220	U	520	J			420	U			1100	J	740		270	U
Atrazine	1912-24-9	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Benzaldehyde	100-52-7	230	U	240	U	220	U	280	J			420	U			220	U	250	U	270	U
Benzo(A)Anthracene	56-55-3	5000	D	33	J	220	UJ	1600				26	J			5500	D	4200	D	270	U
Benzo(A)Pyrene	50-32-8	4600	D	41	J	220	U	2000				29	J			6000	D	4700	D	26	J
Benzo(B)Fluoranthene	205-99-2	4100	D	33	J	220	U	2800				33	J			6900	DJ	6900	DJ	37	J
Benzo(G,H,I)Perylene	191-24-2	590	J	240	U	220	U	1400				420	U			1200	J	880	J	270	UJ
Benzo(K)Fluoranthene	207-08-9	3600	D	33	J	220	U	1700				33	J			5800	D	3900	D	270	U
Bis(2-Chloroethoxy)Methane	111-91-1	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Bis(2-Chloroethyl)Ether	111-44-4	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	51	J	35	J	220	U	340	JB			36	JB			220	U	250	U	270	U
Butylbenzylphthalate	85-68-7	230	U	240	U	220	U	39	J			420	U			220	U	250	U	270	U
Caprolactam	105-60-2	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Carbazole	86-74-8	430		240	U	220	U	250	J			420	U			470	J	600		270	U
Chrysene	218-01-9	5300	D	44	J	220	UJ	2400				44	J			6500	D	5800	D	35	J
Dibenz(A,H)Anthracene	53-70-3	220	J	240	UJ	220	UJ	470	J			420	U			410	J	360		270	U
Dibenzofuran	132-64-9	600		240	U	220	U	67	J			420	U			150	J	110	J	270	U
Diethylphthalate	84-66-2	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Dimethylphthalate	131-11-3	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Di-N-Butyl Phthalate	84-74-2	40	J	240	U	220	U	830	U			420	U			51	J	55	J	270	U
Di-N-Octyl Phthalate	117-84-0	230	UJ	240	U	220	U	830	U			420	U			220	UJ	250	UJ	270	U
Fluoranthene	206-44-0	14000	D	83	J	220	UJ	5000				62	J			14000	D	13000	D	58	J
Fluorene	86-73-7	760		240	U	220	U	140	J			420	U			270	J	290		270	U
Hexachlorobenzene	118-74-1	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Hexachlorobutadiene	87-68-3	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Hexachlorocyclopentadiene	77-47-4	230	U	240	U	220	U	830	U			420	U			220	UJ	250	UJ	270	U

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Top Depth		5		2		4		0		0		0		0		0		0		0	
Sample Location		SB102		SB103		SB104		SB17		SB17		SS06		SS06		SS102		SS103		SS104	
Sample ID		80018-SB102-0506		80018-SB103-0203		80018-SB104-0405		SB17-00-01~A0SE5-5A70~~102302		SB17-00-01~AA26221~~101802		SS-06~A0RG2-14B70~~103102		SS-06~AA26585~~103102		80018-SS102-0006		80018-SS103-0006		80018-SS104-0006	
Risk Zone		A		A		A		B		B		B		B		A		A		A	
Bottom Depth		6		3		5		1		1		0.25		0.25		0.5		0.5		0.5	
Sample Date		11/11/2008		11/11/2008		11/12/2008		10/23/2002		10/18/2002		10/31/2002		10/31/2002		10/16/2008		10/16/2008		10/16/2008	
Sample Type		N		N		N		N		N		N		N		N		N		N	
Field Duplicate Parent																					
Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Indeno(1,2,3-CD)Pyrene	193-39-5	610	J	240	UJ	220	UJ	1900				29	J			1400	J	1000		270	U
Isophorone	78-59-1	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Naphthalene	91-20-3	220	J	240	U	220	U	24	J	4	JB	420	U	1	U	94	J	72	J	270	U
Nitrobenzene	98-95-3	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
N-Nitroso-Di-N-Propylamine	621-64-7	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
N-Nitrosodiphenylamine	86-30-6	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Pentachlorophenol	87-86-5	450	U	470	UJ	430	UJ	2100	U			1100	U			420	U	490	U	520	U
Phenanthrene	85-01-8	9300	D	31	J	220	U	2800				32	J			5600	D	5400	D	29	J
Phenol	108-95-2	230	U	240	U	220	U	830	U			420	U			220	U	250	U	270	U
Pyrene	129-00-0	8100	D	58	J	220	UJ	3900				55	J			9300	D	7900	D	38	J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
Top Depth		0		0		0		0		0		0.5		0.5	
Sample Location		SS13		SS13		SS22		SS22		SS22		SS155		SS-28	
Sample ID		SS-013~A0RG4-2A70~~102402		SS-013~AA26228~~102402		SS-022~A0KK9-3A66~~110102		SS-022~A0KK9-3DA66~~110102		SS-022~AA26629~~110102		80018-SS-SS155-1010		APJ88	
Risk Zone		B		B		B		B		B		B		B	
Bottom Depth		0.25		0.25		0.25		0.25		0.25		1		2	
Sample Date		10/24/2002		10/24/2002		11/1/2002		11/1/2002		11/1/2002		10/5/2010		4/26/1999	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	430	U			440	U	1300	U			210	U		
1,2,4,5-Tetrachlorobenzene	95-94-3											210	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	430	U			440	U	1300	U			210	U	420	U
2,3,4,6-Tetrachlorophenol	58-90-2											210	U		
2,4,5-Trichlorophenol	95-95-4	1100	U			1100	U	3300	U			210	U	1000	U
2,4,6-Trichlorophenol	88-06-2	430	U			440	U	1300	U			210	U	420	U
2,4-Dichlorophenol	120-83-2	430	U			440	U	1300	U			210	U	420	U
2,4-Dimethylphenol	105-67-9	430	U			440	U	1300	U			210	U	420	U
2,4-Dinitrophenol	51-28-5	1100	U			1100	U	3300	U			400	U	1000	UJ
2,4-Dinitrotoluene	121-14-2	430	U			440	U	1300	U			210	U	420	U
2,6-Dinitrotoluene	606-20-2	430	U			440	U	1300	U			210	U	420	U
2-Chloronaphthalene	91-58-7	430	U			440	U	1300	U			210	U	420	U
2-Chlorophenol	95-57-8	430	U			440	U	1300	U			210	U	420	U
2-Methylnaphthalene	91-57-6	23	J			13	J	1300	U			210	U	420	U
2-Methylphenol	95-48-7	430	U			440	U	1300	U			210	U	420	U
2-Nitroaniline	88-74-4	1100	U			1100	U	3300	U			400	U	1000	U
2-Nitrophenol	88-75-5	430	U			440	U	1300	U			210	U	420	U
3,3'-Dichlorobenzidine	91-94-1	430	U			440	U	1300	U			210	U	420	UJ
3-Nitroaniline	99-09-2	1100	U			1100	U	3300	U			400	U	1000	U
4,6-Dinitro-2-Methylphenol	534-52-1	1100	U			1100	U	3300	U			400	U	1000	U
4-Bromophenyl-Phenylether	101-55-3	430	U			440	U	1300	U			210	U	420	U
4-Chloro-3-Methylphenol	59-50-7	430	U			440	U	1300	U			210	U	420	U
4-Chloroaniline	106-47-8	430	U			440	U	1300	U			210	U	420	U
4-Chlorophenyl-Phenylether	7005-72-3	430	U			440	U	1300	U			210	U	420	U
4-Methylphenol	106-44-5	430	U			440	U	1300	U			210	U	420	U
4-Nitroaniline	100-01-6	1100	U			1100	U	3300	U			400	U	1000	U
4-Nitrophenol	100-02-7	1100	U			1100	U	3300	U			400	U	1000	U
Acenaphthene	83-32-9	25	J			250	J	260	JD			120	J	420	U
Acenaphthylene	208-96-8	320	J			23	J	1300	U			210	U	420	U
Acetophenone	98-86-2	47	JB			28	JB	1300	U			210	U		
Anthracene	120-12-7	250	J			950		940	JD			140	J	420	U
Atrazine	1912-24-9	430	U			440	U	1300	U			210	U		
Benzaldehyde	100-52-7	430	U			45	JB	59	JDB			800	U		
Benzo(A)Anthracene	56-55-3	850				2600		2400	D			440		210	J
Benzo(A)Pyrene	50-32-8	1100				2500		2600	D			390		160	J
Benzo(B)Fluoranthene	205-99-2	1400				3100	D	3100	D			390		170	J
Benzo(G,H,I)Perylene	191-24-2	860				1800		1800	D			260		250	J
Benzo(K)Fluoranthene	207-08-9	960				3000	D	3000	D			350		180	J
Bis(2-Chloroethoxy)Methane	111-91-1	430	U			440	U	1300	U			210	U	420	U
Bis(2-Chloroethyl)Ether	111-44-4	430	U			440	U	1300	U			210	U	420	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	90	JB			130	JB	150	JDB			210	U	420	U
Butylbenzylphthalate	85-68-7	25	J			26	J	35	JD			210	U	420	U
Caprolactam	105-60-2	430	U			440	U	1300	U			210	U		
Carbazole	86-74-8	100	J			500		520	JD			110	J	420	U
Chrysene	218-01-9	1700				3100		3500	D			430		300	J
Dibenz(A,H)Anthracene	53-70-3	250	J			610		670	JD			120	J	59	J
Dibenzofuran	132-64-9	22	J			140	J	150	JD			210	U	420	U
Diethylphthalate	84-66-2	430	U			440	U	1300	U			210	U	420	U
Dimethylphthalate	131-11-3	430	U			440	U	1300	U			210	U	420	U
Di-N-Butyl Phthalate	84-74-2	19	J			440	U	1300	U			210	U	420	U
Di-N-Octyl Phthalate	117-84-0	430	U			440	U	1300	U			210	U	420	U
Fluoranthene	206-44-0	2700				7100	D	7100	D			1000		510	
Fluorene	86-73-7	74	J			360	J	380	JD			210	U	420	U
Hexachlorobenzene	118-74-1	430	U			440	U	1300	U			210	U	420	U
Hexachlorobutadiene	87-68-3	430	U			440	U	1300	U			210	U	420	U
Hexachlorocyclopentadiene	77-47-4	430	U			440	U	1300	U			210	U	420	U

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		0		0		0		0		0.5		0.5	
	Sample Location	SS13		SS13		SS22		SS22		SS22		SS155		SS-28	
	Sample ID	SS-013~A0RG4-2A70~~102402		SS-013~AA26228~~102402		SS-022~A0KK9-3A66~~110102		SS-022~A0KK9-3DA66~~110102		SS-022~AA26629~~110102		80018-SS-SS155-1010		APJ88	
	Risk Zone	B		B		B		B		B		B		B	
	Bottom Depth	0.25		0.25		0.25		0.25		0.25		1		2	
	Sample Date	10/24/2002		10/24/2002		11/1/2002		11/1/2002		11/1/2002		10/5/2010		4/26/1999	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	430	U			440	U	1300	U			210	U	420	U
Indeno(1,2,3-CD)Pyrene	193-39-5	880				1800		1700	D			280		110	J
Isophorone	78-59-1	430	U			440	U	1300	U			210	U	420	U
Naphthalene	91-20-3	28	J	6	U	11	J	1300	U	6	U	210	U	420	U
Nitrobenzene	98-95-3	430	U			440	U	1300	U			210	U	420	U
N-Nitroso-Di-N-Propylamine	621-64-7	430	U			440	U	1300	U			210	U	420	U
N-Nitrosodiphenylamine	86-30-6	430	U			440	U	1300	U			210	U		
Pentachlorophenol	87-86-5	1100	U			1100	U	3300	U			400	UJ	1000	U
Phenanthrene	85-01-8	1500				4700	D	4700	D			600		280	J
Phenol	108-95-2	430	U			440	U	1300	U			210	U	420	U
Pyrene	129-00-0	3000				6000	D	6000	D			650		560	

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		100 Monroe Ave.	
	Top Depth	0.5		2		4		4		4		5		0	
	Sample Location	SS-30		SB30		SB10		SB10		SB170		SB168		SS-53	
	Sample ID	APJ92		SB30-02-03~AA26226~~100402		SB10-04-05~AA25703~~100402		SB-10-04-05~AD732~~100402		80018-SB170-0405		80018-SB168-0507		APK41	
	Risk Zone	B		B		C		C		B		B		D2	
	Bottom Depth	2		3		5		5		5		7		0.5	
	Sample Date	4/26/1999		10/4/2002		10/4/2002		10/4/2002		11/11/2008		10/29/2008		4/28/1999	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4							450	U	25	J	190	U		
1,2,4,5-Tetrachlorobenzene	95-94-3									210	U	190	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	400	U					450	U	210	U	190	U	450	U
2,3,4,6-Tetrachlorophenol	58-90-2									210	U	190	U		
2,4,5-Trichlorophenol	95-95-4	1000	U					1100	U	210	U	190	U	1100	U
2,4,6-Trichlorophenol	88-06-2	400	U					450	U	210	U	190	U	450	U
2,4-Dichlorophenol	120-83-2	400	U					450	U	210	U	190	U	450	U
2,4-Dimethylphenol	105-67-9	400	U					450	U	210	U	190	U	450	U
2,4-Dinitrophenol	51-28-5	1000	U					1100	U	400	UJ	370	U	1100	U
2,4-Dinitrotoluene	121-14-2	400	U					450	U	210	U	190	U	450	U
2,6-Dinitrotoluene	606-20-2	400	U					450	U	210	U	190	U	450	U
2-Chloronaphthalene	91-58-7	400	U					450	U	210	U	190	U	450	U
2-Chlorophenol	95-57-8	400	U					450	U	210	U	190	U	450	U
2-Methylnaphthalene	91-57-6	400	U					450	U	85	J	190	U	450	U
2-Methylphenol	95-48-7	400	U					450	U	210	U	190	U	450	U
2-Nitroaniline	88-74-4	1000	U					1100	U	400	U	370	U	1100	U
2-Nitrophenol	88-75-5	400	U					450	U	210	U	190	U	450	U
3,3'-Dichlorobenzidine	91-94-1	400	U					450	U	210	U	190	U	450	UJ
3-Nitroaniline	99-09-2	1000	U					1100	U	400	U	370	U	1100	U
4,6-Dinitro-2-Methylphenol	534-52-1	1000	U					1100	U	400	U	370	U	1100	U
4-Bromophenyl-Phenylether	101-55-3	400	U					450	U	210	U	190	U	450	U
4-Chloro-3-Methylphenol	59-50-7	400	U					450	U	210	U	190	U	450	U
4-Chloroaniline	106-47-8	400	UJ					450	U	210	U	190	U	450	UJ
4-Chlorophenyl-Phenylether	7005-72-3	400	U					450	U	210	U	190	U	450	U
4-Methylphenol	106-44-5	400	U					450	U	210	U	190	U	450	U
4-Nitroaniline	100-01-6	1000	U					1100	U	400	U	370	U	1100	U
4-Nitrophenol	100-02-7	1000	U					1100	U	400	U	370	U	1100	U
Acenaphthene	83-32-9	400	U					450	U	180	J	190	U	450	U
Acenaphthylene	208-96-8	44	J					450	U	250		190	U	94	J
Acetophenone	98-86-2							450	U	210	U	190	U		
Anthracene	120-12-7	88	J					450	U	640		190	U	140	J
Atrazine	1912-24-9							450	U	210	U	190	U		
Benzaldehyde	100-52-7							450	U	210	U	190	U		
Benzo(A)Anthracene	56-55-3	610						R		2600		190	U	800	
Benzo(A)Pyrene	50-32-8	500						450	U	3000		190	U	710	
Benzo(B)Fluoranthene	205-99-2	610						450	U	2300	D	190	U	1100	J
Benzo(G,H,I)Perylene	191-24-2	340	J					450	U	310	J	190	U	490	
Benzo(K)Fluoranthene	207-08-9	260	J					450	U	2300		190	U	640	
Bis(2-Chloroethoxy)Methane	111-91-1	400	U					450	U	210	U	190	U	450	U
Bis(2-Chloroethyl)Ether	111-44-4	400	U					450	U	210	U	190	U	450	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	400	U					450	U	28	J	25	JB	100	J
Butylbenzylphthalate	85-68-7	400	U					450	U	210	U	190	U	450	U
Caprolactam	105-60-2							47	J	210	U	190	U		
Carbazole	86-74-8	400	U					R		130	J	190	U	89	J
Chrysene	218-01-9	680						450	U	3000		190	U	1100	
Dibenz(A,H)Anthracene	53-70-3	94	J					450	U	110	J	190	U	180	J
Dibenzofuran	132-64-9	400	U					450	U	94	J	190	U	450	U
Diethylphthalate	84-66-2	400	U					R		210	U	190	U	450	U
Dimethylphthalate	131-11-3	400	U					450	U	210	U	190	U	450	U
Di-N-Butyl Phthalate	84-74-2	400	U					450	U	210	U	190	U	450	U
Di-N-Octyl Phthalate	117-84-0	400	U					450	U	210	UJ	190	U	450	U
Fluoranthene	206-44-0	880						R		5300	D	34	J	2000	
Fluorene	86-73-7	400	U					450	U	200	J	190	U	70	J
Hexachlorobenzene	118-74-1	400	U					450	U	210	U	190	U	450	U
Hexachlorobutadiene	87-68-3	400	U					450	U	210	U	190	U	450	U
Hexachlorocyclopentadiene	77-47-4	400	U					450	U	210	U	190	U	450	U

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		100 Monroe Ave.	
	Top Depth	0.5		2		4		4		4		5		0	
	Sample Location	SS-30		SB30		SB10		SB10		SB170		SB168		SS-53	
	Sample ID	APJ92		SB30-02-03~AA26226~~100402		SB10-04-05~AA25703~~100402		SB-10-04-05~AD732~~100402		80018-SB170-0405		80018-SB168-0507		APK41	
	Risk Zone	B		B		C		C		B		B		D2	
	Bottom Depth	2		3		5		5		5		7		0.5	
	Sample Date	4/26/1999		10/4/2002		10/4/2002		10/4/2002		11/11/2008		10/29/2008		4/28/1999	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	400	U					450	U	210	U	190	U	450	U
Indeno(1,2,3-CD)Pyrene	193-39-5	360	J						R	340	J	190	U	510	
Isophorone	78-59-1	400	U					450	U	210	U	190	U	450	U
Naphthalene	91-20-3	400	U	2	JB	6	U	450	U	83	J	190	U	450	U
Nitrobenzene	98-95-3	400	U					450	U	210	U	190	U	450	U
N-Nitroso-Di-N-Propylamine	621-64-7	400	U					450	U	210	U	190	U	450	U
N-Nitrosodiphenylamine	86-30-6							450	U	210	U	190	U		
Pentachlorophenol	87-86-5	1000	U					1100	U	400	U	370	U	1100	U
Phenanthrene	85-01-8	420						450	U	2600		190	U	1200	
Phenol	108-95-2	400	U					450	U	210	U	190	U	450	U
Pyrene	129-00-0	1000						450	U	3900	D	19	J	2000	

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	100 Monroe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		118 Monroe Ave.		118 Monroe Ave.		129 Academy Ave.	
	Top Depth	0.5		0		0.5		5		5		0		2		4	
	Sample Location	SS-53		SS75		SB84		SB84		SB84		SS128		SB131		SB100	
	Sample ID	APK42		S-052004-DK-143		S-051304-JR-071		S-051304-JR-073		S-051304-JR-077		80018-SS128-0006		80018-SB131-0204		80018-SB100-0405	
	Risk Zone	D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C		A	
	Bottom Depth	2		0.5		4		10		10		0.5		4		5	
	Sample Date	4/28/1999		5/20/2004		5/13/2004		5/13/2004		5/13/2004		10/23/2008		10/24/2008		11/11/2008	
	Sample Type	N		N		N		N		FD		N		N		N	
	Field Duplicate Parent									S-051304-JR-073							
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4											180	U	180	U	230	U
1,2,4,5-Tetrachlorobenzene	95-94-3											180	U	180	U	230	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
2,3,4,6-Tetrachlorophenol	58-90-2											180	U	180	U	230	U
2,4,5-Trichlorophenol	95-95-4	1000	U	3700	U	1800	U	1700	U	1700	U	180	U	180	U	230	U
2,4,6-Trichlorophenol	88-06-2	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
2,4-Dichlorophenol	120-83-2	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
2,4-Dimethylphenol	105-67-9	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
2,4-Dinitrophenol	51-28-5	1000	U	3700	U	1800	UJ	1700	UJ	1700	UJ	340	U	340	U	440	U
2,4-Dinitrotoluene	121-14-2	400	U	1700		360	U	350	U	350	U	180	UJ	180	U	230	U
2,6-Dinitrotoluene	606-20-2	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
2-Chloronaphthalene	91-58-7	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
2-Chlorophenol	95-57-8	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
2-Methylnaphthalene	91-57-6	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
2-Methylphenol	95-48-7	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
2-Nitroaniline	88-74-4	1000	U	3700	U	1800	U	1700	U	1700	U	340	U	340	U	440	U
2-Nitrophenol	88-75-5	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
3,3'-Dichlorobenzidine	91-94-1	400	UJ	1500	U	730	UJ	700	UJ	710	UJ	180	U	180	U	230	U
3-Nitroaniline	99-09-2	1000	U	3700	U	1800	U	1700	U	1700	U	340	U	340	U	440	U
4,6-Dinitro-2-Methylphenol	534-52-1	1000	U	3700	U	1800	U	1700	U	1700	U	340	U	340	U	440	U
4-Bromophenyl-Phenylether	101-55-3	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
4-Chloro-3-Methylphenol	59-50-7	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
4-Chloroaniline	106-47-8	400	UJ	760	U	360	U	350	U	350	U	180	U	180	U	230	U
4-Chlorophenyl-Phenylether	7005-72-3	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
4-Methylphenol	106-44-5	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
4-Nitroaniline	100-01-6	1000	U	1500	U	730	U	700	U	710	U	340	U	340	U	440	U
4-Nitrophenol	100-02-7	1000	U	3700	U	1800	U	1700	U	1700	U	340	U	340	U	440	U
Acenaphthene	83-32-9	48	J	760	U	360	U	350	U	350	U	20	J	47	J	230	U
Acenaphthylene	208-96-8	68	J	110	J	19	J	350	U	350	U	64	J	180	U	230	U
Acetophenone	98-86-2			760	U	360	U	350	U	350	U	36	J	180	U	230	U
Anthracene	120-12-7	180	J	65	J	360	U	350	U	350	U	67	J	100	J	230	U
Atrazine	1912-24-9			760	U	360	U	350	U	350	U	180	U	180	U	230	U
Benzaldehyde	100-52-7			760	UJ	360	UJ	350	UJ	350	UJ	180	U	180	U	35	J
Benzo(A)Anthracene	56-55-3	790		160	J	34	J	350	U	350	U	400		260		230	U
Benzo(A)Pyrene	50-32-8	690		220	J	41	J	350	U	350	U	570		240		24	J
Benzo(B)Fluoranthene	205-99-2	940	J	500	J	51	J	350	U	350	U	830		310	J	33	J
Benzo(G,H,I)Perylene	191-24-2	400		73	J	31	J	350	U	350	U	190		52	J	230	U
Benzo(K)Fluoranthene	207-08-9	630		760	U	43	J	350	U	350	U	750		260		230	U
Bis(2-Chloroethoxy)Methane	111-91-1	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
Bis(2-Chloroethyl)Ether	111-44-4	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	1400		150	J	51	J	350	U	350	U	180	U	180	U	28	J
Butylbenzylphthalate	85-68-7	400	U	760	U	360	U	350	U	350	U	20	J	180	U	230	U
Caprolactam	105-60-2			760	U	360	U	350	U	350	U	180	U	180	U	230	U
Carbazole	86-74-8	170	J	760	U	360	U	350	U	350	U	83	J	43	J	230	U
Chrysene	218-01-9	1000		270	J	54	J	350	U	350	U	650		290		32	J
Dibenz(A,H)Anthracene	53-70-3	170	J	760	U	360	U	350	U	350	U	62	J	180	U	230	UJ
Dibenzofuran	132-64-9	56	J	760	U	360	U	350	U	350	U	180	U	21	J	230	U
Diethylphthalate	84-66-2	400	U	45	J	360	U	350	U	350	U	180	U	180	U	230	U
Dimethylphthalate	131-11-3	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
Di-N-Butyl Phthalate	84-74-2	49	J	760	U	360	U	350	U	350	U	180	U	180	U	230	U
Di-N-Octyl Phthalate	117-84-0	400	U	760	U	360	U	350	U	350	U	180	UJ	180	U	230	U
Fluoranthene	206-44-0	1900		420	J	84	J	350	U	350	U	1300		800		57	J
Fluorene	86-73-7	89	J	760	U	360	U	350	U	350	U	32	J	55	J	230	U
Hexachlorobenzene	118-74-1	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
Hexachlorobutadiene	87-68-3	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
Hexachlorocyclopentadiene	77-47-4	400	U	760	U	360	U	350	U	350	U	180	UJ	180	U	230	U

	Address	100 Monroe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		118 Monroe Ave.		118 Monroe Ave.		129 Academy Ave.	
	Top Depth	0.5		0		0.5		5		5		0		2		4	
	Sample Location	SS-53		SS75		SB84		SB84		SB84		SS128		SB131		SB100	
	Sample ID	APK42		S-052004-DK-143		S-051304-JR-071		S-051304-JR-073		S-051304-JR-077		80018-SS128-0006		80018-SB131-0204		80018-SB100-0405	
	Risk Zone	D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C		A	
	Bottom Depth	2		0.5		4		10		10		0.5		4		5	
	Sample Date	4/28/1999		5/20/2004		5/13/2004		5/13/2004		5/13/2004		10/23/2008		10/24/2008		11/11/2008	
	Sample Type	N		N		N		N		FD		N		N		N	
	Field Duplicate Parent									S-051304-JR-073							
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	400	U	760	UJ	360	U	350	U	350	U	180	U	180	U	230	U
Indeno(1,2,3-CD)Pyrene	193-39-5	480		78	J	26	J	350	U	350	U	210		66	J	230	UJ
Isophorone	78-59-1	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
Naphthalene	91-20-3	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
Nitrobenzene	98-95-3	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
N-Nitroso-Di-N-Propylamine	621-64-7	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
N-Nitrosodiphenylamine	86-30-6			300	J	360	U	350	U	350	U	180	U	180	U	230	U
Pentachlorophenol	87-86-5	1000	U	3700	U	1800	UJ	1700	UJ	1700	UJ	340	U	340	U	440	UJ
Phenanthrene	85-01-8	1800		170	J	34	J	350	U	350	U	530		530		26	J
Phenol	108-95-2	400	U	760	U	360	U	350	U	350	U	180	U	180	U	230	U
Pyrene	129-00-0	2000		310	J	71	J	350	U	350	U	790		400		44	J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	134 Monroe Ave.		134 Monroe Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.	
	Top Depth	0		2		0		0		0		0		0	
	Sample Location	SS130		SB132		SB87		SS32		SS32		SS-51		SS79	
	Sample ID	80018-SS130-0006		80018-SB132-0204		S-18281-051304-JR-059		SS-032~A0KK9-1A66~~110102		SS-032~AA26635~~110102		APK37		S-052004-DK-142	
	Risk Zone	C		C		A		A		A		A		A	
	Bottom Depth	0.5		4		2		0.25		0.25		0.5		0.5	
	Sample Date	10/23/2008		10/24/2008		5/13/2004		11/1/2002		11/1/2002		4/28/1999		5/20/2004	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	360	U	210	U			450	U						
1,2,4,5-Tetrachlorobenzene	95-94-3	360	U	210	U										
2,2'-Oxybis(1-Chloropropane)	108-60-1	360	U	210	U	340	U	450	U			370	U	790	U
2,3,4,6-Tetrachlorophenol	58-90-2	360	U	210	U										
2,4,5-Trichlorophenol	95-95-4	360	U	210	U	1600	U	1100	U			920	U	3800	U
2,4,6-Trichlorophenol	88-06-2	360	U	210	U	340	U	450	U			370	U	790	U
2,4-Dichlorophenol	120-83-2	360	U	210	U	340	U	450	U			370	U	790	U
2,4-Dimethylphenol	105-67-9	360	U	210	U	340	U	450	U			370	U	790	U
2,4-Dinitrophenol	51-28-5	700	U	410	U	1600	UJ	1100	U			920	U	3800	U
2,4-Dinitrotoluene	121-14-2	360	UJ	210	U	340	U	450	U			370	U	790	U
2,6-Dinitrotoluene	606-20-2	360	U	210	U	340	U	450	U			370	U	790	U
2-Chloronaphthalene	91-58-7	360	U	210	U	340	U	450	U			370	U	790	U
2-Chlorophenol	95-57-8	360	U	210	U	340	U	450	U			370	U	790	U
2-Methylnaphthalene	91-57-6	360	U	210	U	340	U	450	U			370	U	790	U
2-Methylphenol	95-48-7	360	U	210	U	340	U	450	U			370	U	790	U
2-Nitroaniline	88-74-4	700	U	410	U	1600	U	1100	U			920	U	3800	U
2-Nitrophenol	88-75-5	360	U	210	U	340	U	450	U			370	U	790	U
3,3'-Dichlorobenzidine	91-94-1	360	U	210	U	680	U	450	U			370	UJ	1600	U
3-Nitroaniline	99-09-2	700	U	410	U	1600	U	1100	U			920	U	3800	U
4,6-Dinitro-2-Methylphenol	534-52-1	700	U	410	U	1600	U	1100	U			920	U	3800	U
4-Bromophenyl-Phenylether	101-55-3	360	U	210	U	340	U	450	U			370	U	790	U
4-Chloro-3-Methylphenol	59-50-7	360	U	210	U	340	U	450	U			370	U	790	U
4-Chloroaniline	106-47-8	360	U	210	U	340	U	450	U			370	UJ	790	U
4-Chlorophenyl-Phenylether	7005-72-3	360	U	210	U	340	U	450	U			370	U	790	U
4-Methylphenol	106-44-5	360	U	210	U	340	U	450	U			370	U	790	U
4-Nitroaniline	100-01-6	700	U	410	U	680	U	1100	U			920	U	1600	U
4-Nitrophenol	100-02-7	700	U	410	U	1600	U	1100	U			920	U	3800	U
Acenaphthene	83-32-9	75	J	210	U	340	U	13	J			370	U	790	U
Acenaphthylene	208-96-8	520		210	U	100	J	110	J			370	U	130	J
Acetophenone	98-86-2	120	J	210	U	340	U	19	JB					790	U
Anthracene	120-12-7	420		210	U	67	J	87	J			370	U	170	J
Atrazine	1912-24-9	360	U	210	U	340	U	450	U					790	U
Benzaldehyde	100-52-7	360	U	210	U	340	UJ	54	JB					790	UJ
Benzo(A)Anthracene	56-55-3	2900		210	U	200	J	570				210	J	370	J
Benzo(A)Pyrene	50-32-8	4000		24	J	210	J	520				200	J	340	J
Benzo(B)Fluoranthene	205-99-2	6100	D	32	J	180	J	370	J			280	J	660	J
Benzo(G,H,I)Perylene	191-24-2	1300		210	UJ	170	J	390	J			140	J	89	J
Benzo(K)Fluoranthene	207-08-9	4100		210	U	240	J	630				170	J	790	U
Bis(2-Chloroethoxy)Methane	111-91-1	360	U	210	U	340	U	450	U			370	U	790	U
Bis(2-Chloroethyl)Ether	111-44-4	360	U	210	U	340	U	450	U			370	U	790	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	440		210	U	340	U	65	JB			320	J	790	U
Butylbenzylphthalate	85-68-7	150	J	210	U	340	U	15	J			370	U	790	U
Caprolactam	105-60-2	120	J	210	U	340	U	450	U					790	U
Carbazole	86-74-8	330	J	210	U	340	U	34	J			370	U	75	J
Chrysene	218-01-9	4100		24	J	240	J	510				280	J	400	J
Dibenz(A,H)Anthracene	53-70-3	450		210	U	73	J	150	J			52	J	47	J
Dibenzofuran	132-64-9	57	J	210	U	340	U	10	J			370	U	40	J
Diethylphthalate	84-66-2	360	U	210	U	340	U	450	U			370	U	790	U
Dimethylphthalate	131-11-3	360	U	210	U	340	U	450	U			370	U	790	U
Di-N-Butyl Phthalate	84-74-2	53	J	210	U	18	J	450	U			370	U	790	U
Di-N-Octyl Phthalate	117-84-0	360	UJ	210	U	340	U	22	J			370	U	790	U
Fluoranthene	206-44-0	7900	D	45	J	440		760				490		950	
Fluorene	86-73-7	140	J	210	U	340	U	14	J			370	U	790	U
Hexachlorobenzene	118-74-1	360	U	210	U	340	U	450	U			370	U	790	U
Hexachlorobutadiene	87-68-3	360	U	210	U	340	U	450	U			370	U	790	U
Hexachlorocyclopentadiene	77-47-4	360	UJ	210	U	340	U	450	U			370	U	790	U

	Address	134 Monroe Ave.		134 Monroe Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.	
	Top Depth	0		2		0		0		0		0		0	
	Sample Location	SS130		SB132		SB87		SS32		SS32		SS-51		SS79	
	Sample ID	80018-SS130-0006		80018-SB132-0204		S-18281-051304-JR-059		SS-032~A0KK9-1A66~~110102		SS-032~AA26635~~110102		APK37		S-052004-DK-142	
	Risk Zone	C		C		A		A		A		A		A	
	Bottom Depth	0.5		4		2		0.25		0.25		0.5		0.5	
	Sample Date	10/23/2008		10/24/2008		5/13/2004		11/1/2002		11/1/2002		4/28/1999		5/20/2004	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	360	U	210	U	340	U	450	U			370	U	790	UJ
Indeno(1,2,3-CD)Pyrene	193-39-5	1400		210	U	150	J	380	J			170	J	99	J
Isophorone	78-59-1	360	U	210	U	340	U	450	U			370	U	790	U
Naphthalene	91-20-3	37	J	210	U	340	U	18	J	7	U	370	U	790	U
Nitrobenzene	98-95-3	360	U	210	U	340	U	450	U			370	U	790	U
N-Nitroso-Di-N-Propylamine	621-64-7	360	U	210	U	340	U	450	U			370	U	790	U
N-Nitrosodiphenylamine	86-30-6	360	U	210	U	340	U	450	U					790	U
Pentachlorophenol	87-86-5	700	U	410	U	1600	U	1100	U			920	U	3800	U
Phenanthrene	85-01-8	2700		210	U	340	U	290	J			250	J	810	
Phenol	108-95-2	360	U	210	U	340	U	450	U			370	U	790	U
Pyrene	129-00-0	4400		28	J	350		740				480		640	J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
	Top Depth	0.5		5		10		0		0		0	
	Sample Location	SS-51		SB87		SB87		SS36		SS36		SS36	
	Sample ID	APK38		S-18281-051304-JR-061		S-18281-051304-JR-063		SS-036~A0KK9-12A66~~110102		SS-036~A0KK9-12DA66~~110102		SS-036~AA26628~~110102	
	Risk Zone	A		A		A		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	2		10		15		0.25		0.25		0.25	
	Sample Date	4/28/1999		5/13/2004		5/13/2004		11/1/2002		11/1/2002		11/1/2002	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4							13	J	870	U		
1,2,4,5-Tetrachlorobenzene	95-94-3												
2,2'-Oxybis(1-Chloropropane)	108-60-1	390	U	350	U	350	U	430	U	870	U		
2,3,4,6-Tetrachlorophenol	58-90-2												
2,4,5-Trichlorophenol	95-95-4	980	U	1700	U	1700	U	1100	U	2200	U		
2,4,6-Trichlorophenol	88-06-2	390	U	350	U	350	U	430	U	870	U		
2,4-Dichlorophenol	120-83-2	390	U	350	U	350	U	430	U	870	U		
2,4-Dimethylphenol	105-67-9	390	U	350	U	350	U	430	U	870	U		
2,4-Dinitrophenol	51-28-5	980	U	1700	UJ	1700	UJ	1100	U	2200	U		
2,4-Dinitrotoluene	121-14-2	390	U	350	U	350	U	430	U	870	U		
2,6-Dinitrotoluene	606-20-2	390	U	350	U	350	U	430	U	870	U		
2-Chloronaphthalene	91-58-7	390	U	350	U	350	U	430	U	870	U		
2-Chlorophenol	95-57-8	390	U	350	U	350	U	430	U	870	U		
2-Methylnaphthalene	91-57-6	390	U	350	U	350	U	25	J	27	JD		
2-Methylphenol	95-48-7	390	U	350	U	350	U	430	U	870	U		
2-Nitroaniline	88-74-4	980	U	1700	U	1700	U	1100	U	2200	U		
2-Nitrophenol	88-75-5	390	U	350	U	350	U	430	U	870	U		
3,3'-Dichlorobenzidine	91-94-1	390	UJ	700	UJ	690	UJ	430	U	870	U		
3-Nitroaniline	99-09-2	980	U	1700	U	1700	U	1100	U	2200	U		
4,6-Dinitro-2-Methylphenol	534-52-1	980	U	1700	U	1700	U	1100	U	2200	U		
4-Bromophenyl-Phenylether	101-55-3	390	U	350	U	350	U	430	U	870	U		
4-Chloro-3-Methylphenol	59-50-7	390	U	350	U	350	U	430	U	870	U		
4-Chloroaniline	106-47-8	390	UJ	350	U	350	U	430	U	870	U		
4-Chlorophenyl-Phenylether	7005-72-3	390	U	350	U	350	U	430	U	870	U		
4-Methylphenol	106-44-5	390	U	350	U	350	U	430	U	870	U		
4-Nitroaniline	100-01-6	980	U	700	U	690	U	1100	U	2200	U		
4-Nitrophenol	100-02-7	980	U	1700	U	1700	U	1100	U	2200	U		
Acenaphthene	83-32-9	390	U	350	U	350	U	140	J	180	JD		
Acenaphthylene	208-96-8	390	U	350	U	350	U	220	J	280	JD		
Acetophenone	98-86-2			350	U	350	U	54	JB	66	JDB		
Anthracene	120-12-7	390	U	350	U	350	U	610		650	JD		
Atrazine	1912-24-9			350	U	350	U	430	U	870	U		
Benzaldehyde	100-52-7			350	UJ	350	UJ	210	JB	200	JDB		
Benzo(A)Anthracene	56-55-3	160	J	350	U	350	U	2300		2100	D		
Benzo(A)Pyrene	50-32-8	100	J	350	U	350	U	2100		2700	D		
Benzo(B)Fluoranthene	205-99-2	170	J	350	U	350	U	2700		4200	D		
Benzo(G,H,I)Perylene	191-24-2	90	J	350	U	350	U	1800		1800	D		
Benzo(K)Fluoranthene	207-08-9	140	J	350	U	350	U	2100		2600	D		
Bis(2-Chloroethoxy)Methane	111-91-1	390	U	350	U	350	U	430	U	870	U		
Bis(2-Chloroethyl)Ether	111-44-4	390	U	350	U	350	U	430	U	870	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	110	J	40	J	350	U	170	JB	210	JDB		
Butylbenzylphthalate	85-68-7	390	U	350	U	350	U	250	J	280	JD		
Caprolactam	105-60-2			350	U	350	U	430	U	870	U		
Carbazole	86-74-8	390	U	350	U	350	U	510		550	JD		
Chrysene	218-01-9	200	J	350	U	350	U	3100		3400	D		
Dibenz(A,H)Anthracene	53-70-3	59	J	350	U	350	U	610		630	JD		
Dibenzofuran	132-64-9	390	U	350	U	350	U	110	J	130	JD		
Diethylphthalate	84-66-2	390	U	350	U	350	U	430	U	870	U		
Dimethylphthalate	131-11-3	390	U	350	U	350	U	430	U	870	U		
Di-N-Butyl Phthalate	84-74-2	390	U	16	J	350	U	20	J	870	U		
Di-N-Octyl Phthalate	117-84-0	390	U	350	U	350	U	430	U	870	U		
Fluoranthene	206-44-0	290	J	350	U	350	U	5800	D	5800	D		
Fluorene	86-73-7	390	U	350	U	350	U	190	J	210	JD		
Hexachlorobenzene	118-74-1	390	U	350	U	350	U	430	U	870	U		
Hexachlorobutadiene	87-68-3	390	U	350	U	350	U	430	U	870	U		
Hexachlorocyclopentadiene	77-47-4	390	U	350	U	350	U	430	U	870	U		

	Address	135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		136 Store Ave.		136 Store Ave.		136 Store Ave.	
	Top Depth	0.5		5		10		0		0		0	
	Sample Location	SS-51		SB87		SB87		SS36		SS36		SS36	
	Sample ID	APK38		S-18281-051304-JR-061		S-18281-051304-JR-063		SS-036~A0KK9-12A66~~110102		SS-036~A0KK9-12DA66~~110102		SS-036~AA26628~~110102	
	Risk Zone	A		A		A		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	2		10		15		0.25		0.25		0.25	
	Sample Date	4/28/1999		5/13/2004		5/13/2004		11/1/2002		11/1/2002		11/1/2002	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	390	U	350	U	350	U	430	U	870	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	89	J	350	U	350	U	1600		1700	D		
Isophorone	78-59-1	390	U	350	U	350	U	430	U	870	U		
Naphthalene	91-20-3	390	U	350	U	350	U	35	J	38	JD	6	U
Nitrobenzene	98-95-3	390	U	350	U	350	U	430	U	870	U		
N-Nitroso-Di-N-Propylamine	621-64-7	390	U	350	U	350	U	430	U	870	U		
N-Nitrosodiphenylamine	86-30-6			350	U	350	U	430	U	870	U		
Pentachlorophenol	87-86-5	980	U	1700	U	1700	U	1100	U	2200	U		
Phenanthrene	85-01-8	190	J	350	U	350	U	3500		3800	D		
Phenol	108-95-2	390	U	350	U	350	U	430	U	870	U		
Pyrene	129-00-0	280	J	350	U	350	U	5600	D	5600	D		

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

Address		137 Academy Ave.		137 Academy Ave.		141 Academy Ave.		141 Academy Ave.		141 Academy Ave.		142 Monroe Ave.		143 Newbury Ave.	
Top Depth		0		0		0		0		4		0		0	
Sample Location		SS34		SS34		SS101		SS101		SB101		SS131		SS07	
Sample ID		SS-034~A0RG2-11B70~~103102		SS-034~AA26572~~103102		80018-DUP100-0006		80018-SS101-0006		80018-SB101-0405		80018-SS131-0006		SS-07~AA23701~~100402	
Risk Zone		B		B		A		A		A		C		C	
Bottom Depth		0.25		0.25		0.5		0.5		5		0.5		0.25	
Sample Date		10/31/2002		10/31/2002		10/16/2008		10/16/2008		11/11/2008		10/22/2008		10/4/2002	
Sample Type		N		N		FD		N		N		N		N	
Field Duplicate Parent						80018-SS101-0006									
Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	570	U			250	U	240	U	32	J	200	U		
1,2,4,5-Tetrachlorobenzene	95-94-3					250	U	240	U	240	U	200	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	570	U			250	U	240	U	240	U	200	U		
2,3,4,6-Tetrachlorophenol	58-90-2					250	U	240	U	240	U	200	U		
2,4,5-Trichlorophenol	95-95-4	1400	U			250	U	240	U	240	U	200	U		
2,4,6-Trichlorophenol	88-06-2	570	U			250	U	240	U	240	U	200	U		
2,4-Dichlorophenol	120-83-2	570	U			250	U	240	U	240	U	200	U		
2,4-Dimethylphenol	105-67-9	570	U			250	U	240	U	240	U	200	U		
2,4-Dinitrophenol	51-28-5	1400	U			480	U	470	U	470	U	390	U		
2,4-Dinitrotoluene	121-14-2	570	U			250	U	240	U	240	U	200	U		
2,6-Dinitrotoluene	606-20-2	570	U			250	U	240	U	240	U	200	U		
2-Chloronaphthalene	91-58-7	570	U			250	U	240	U	240	U	200	U		
2-Chlorophenol	95-57-8	570	U			250	U	240	U	240	U	200	U		
2-Methylnaphthalene	91-57-6	570	U			250	U	28	J	130	J	200	U		
2-Methylphenol	95-48-7	570	U			250	U	240	U	240	U	200	U		
2-Nitroaniline	88-74-4	1400	U			480	U	470	U	470	U	390	U		
2-Nitrophenol	88-75-5	570	U			250	U	240	U	240	U	200	U		
3,3'-Dichlorobenzidine	91-94-1	570	U			250	U	240	U	240	U	200	U		
3-Nitroaniline	99-09-2	1400	U			480	U	470	U	470	U	390	U		
4,6-Dinitro-2-Methylphenol	534-52-1	1400	U			480	U	470	U	470	U	390	U		
4-Bromophenyl-Phenylether	101-55-3	570	U			250	U	240	U	240	U	200	U		
4-Chloro-3-Methylphenol	59-50-7	570	U			250	U	240	U	240	U	200	U		
4-Chloroaniline	106-47-8	570	U			250	U	240	U	240	U	200	U		
4-Chlorophenyl-Phenylether	7005-72-3	570	U			250	U	240	U	240	U	200	U		
4-Methylphenol	106-44-5	570	U			250	U	240	U	240	U	200	U		
4-Nitroaniline	100-01-6	1400	U			480	U	470	U	470	U	390	U		
4-Nitrophenol	100-02-7	1400	U			480	U	470	U	470	U	390	U		
Acenaphthene	83-32-9	570	U			28	J	25	J	320		200	U		
Acenaphthylene	208-96-8	75	J			820		890		77	J	91	J		
Acetophenone	98-86-2	27	JB			25	J	25	J	240	U	23	J		
Anthracene	120-12-7	71	J			410		570		540		41	J		
Atrazine	1912-24-9	570	U			250	U	240	U	240	U	200	U		
Benzaldehyde	100-52-7	130	J			250	U	240	U	240	U	200	U		
Benzo(A)Anthracene	56-55-3	250	J			3200	J	3900	D	1100		250	J		
Benzo(A)Pyrene	50-32-8	290	J			3500		4100	D	1200		340			
Benzo(B)Fluoranthene	205-99-2	350	J			3900	D	5400	D	1300		550			
Benzo(G,H,I)Perylene	191-24-2	240	J			630		620		220	J	120	J		
Benzo(K)Fluoranthene	207-08-9	350	J			3700	D	3500	D	870		390			
Bis(2-Chloroethoxy)Methane	111-91-1	570	U			250	U	240	U	240	U	200	U		
Bis(2-Chloroethyl)Ether	111-44-4	570	U			250	U	240	U	240	U	200	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	180	JB			250	U	240	U	44	J	240	B U		
Butylbenzylphthalate	85-68-7	26	J			40	JEB	38	JEB	240	U	43	JEB		
Caprolactam	105-60-2	570	U			250	U	240	U	240	U	200	U		
Carbazole	86-74-8	54	J			650		650		370		59	J		
Chrysene	218-01-9	430	J			4200	D	5100	D	1300		420	J		
Dibenz(A,H)Anthracene	53-70-3	86	J			280		280		95	J	38	J		
Dibenzofuran	132-64-9	570	U			60	J	76	J	200	J	200	U		
Diethylphthalate	84-66-2	570	U			250	U	240	U	240	U	200	U		
Dimethylphthalate	131-11-3	570	U			250	U	240	U	240	U	200	U		
Di-N-Butyl Phthalate	84-74-2	35	JB			27	J	31	J	240	U	200	U		
Di-N-Octyl Phthalate	117-84-0	570	U			250	U	240	U	240	U	200	UJ		
Fluoranthene	206-44-0	780				8900	D	9500	D	3200		1000	J		
Fluorene	86-73-7	570	U			190	J	270		420		200	U		
Hexachlorobenzene	118-74-1	570	U			250	U	240	U	240	U	200	U		
Hexachlorobutadiene	87-68-3	570	U			250	U	240	U	240	U	200	U		
Hexachlorocyclopentadiene	77-47-4	570	U			250	U	240	U	240	U	200	U		

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	137 Academy Ave.		137 Academy Ave.		141 Academy Ave.		141 Academy Ave.		141 Academy Ave.		142 Monroe Ave.		143 Newbury Ave.	
	Top Depth	0		0		0		0		4		0		0	
	Sample Location	SS34		SS34		SS101		SS101		SB101		SS131		SS07	
	Sample ID	SS-034~A0RG2-11B70~~103102		SS-034~AA26572~~103102		80018-DUP100-0006		80018-SS101-0006		80018-SB101-0405		80018-SS131-0006		SS-07~AA23701~~100402	
	Risk Zone	B		B		A		A		A		C		C	
	Bottom Depth	0.25		0.25		0.5		0.5		5		0.5		0.25	
	Sample Date	10/31/2002		10/31/2002		10/16/2008		10/16/2008		11/11/2008		10/22/2008		10/4/2002	
	Sample Type	N		N		FD		N		N		N		N	
	Field Duplicate Parent					80018-SS101-0006									
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	570	U			250	U	240	U	240	U	200	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	240	J			840		830		280	J	140	J		
Isophorone	78-59-1	570	U			250	U	240	U	240	U	200	U		
Naphthalene	91-20-3	16	J	2	U	26	J	31	J	450		200	U	6	U
Nitrobenzene	98-95-3	570	U			250	U	240	U	240	U	200	U		
N-Nitroso-Di-N-Propylamine	621-64-7	570	U			250	U	240	U	240	U	200	U		
N-Nitrosodiphenylamine	86-30-6	570	U			250	U	240	U	240	U	200	U		
Pentachlorophenol	87-86-5	1400	U			480	U	470	U	470	UJ	390	U		
Phenanthrene	85-01-8	440	J			4200	D	5200	D	2800		370			
Phenol	108-95-2	570	U			250	U	240	U	240	U	200	U		
Pyrene	129-00-0	680				7100	D	7500	D	2200		490	J		

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
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J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	143 Newbury Ave.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Top Depth	0		0		0		0		0		0		0		0.5	
	Sample Location	SS07		SB53		SS-29		SS-31		SS-32		SS78		SS78		SS147	
	Sample ID	SS-07~AD736~~100402		S-051804-JR-106		APJ89		APJ93		APJ95		S-052004-DK-118		S-052004-DK-119		80018-SS-SS147-1010	
	Risk Zone	C		B		B		C		B		B		B		B	
	Bottom Depth	0.25		2		0.5		0.5		0.5		0.5		0.5		1	
	Sample Date	10/4/2002		5/18/2004		4/26/1999		4/26/1999		4/26/1999		5/20/2004		5/20/2004		10/5/2010	
	Sample Type	N		N		N		N		N		N		FD		N	
	Field Duplicate Parent													S-052004-DK-118			
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	480	U													210	U
1,2,4,5-Tetrachlorobenzene	95-94-3															210	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
2,3,4,6-Tetrachlorophenol	58-90-2															210	U
2,4,5-Trichlorophenol	95-95-4	1200	U	3700	U	1000	U	1000	U	990	U	2100	U	2100	U	210	U
2,4,6-Trichlorophenol	88-06-2	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
2,4-Dichlorophenol	120-83-2	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
2,4-Dimethylphenol	105-67-9	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
2,4-Dinitrophenol	51-28-5	1200	U	3700	UJ	1000	U	1000	U	990	U	2100	U	2100	U	420	U
2,4-Dinitrotoluene	121-14-2	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
2,6-Dinitrotoluene	606-20-2	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
2-Chloronaphthalene	91-58-7	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
2-Chlorophenol	95-57-8	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
2-Methylnaphthalene	91-57-6	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
2-Methylphenol	95-48-7	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
2-Nitroaniline	88-74-4	1200	U	3700	U	1000	U	1000	U	990	U	2100	U	2100	U	420	U
2-Nitrophenol	88-75-5	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
3,3'-Dichlorobenzidine	91-94-1	480	U	1500	U	410	U	400	U	390	U	880	U	850	U	210	U
3-Nitroaniline	99-09-2	1200	U	3700	U	1000	UJ	1000	U	990	U	2100	U	2100	U	420	U
4,6-Dinitro-2-Methylphenol	534-52-1	1200	U	3700	U	1000	U	1000	U	990	U	2100	U	2100	U	420	U
4-Bromophenyl-Phenylether	101-55-3	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
4-Chloro-3-Methylphenol	59-50-7	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
4-Chloroaniline	106-47-8	480	U	750	U	410	UJ	400	UJ	390	U	440	U	430	U	210	U
4-Chlorophenyl-Phenylether	7005-72-3	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
4-Methylphenol	106-44-5	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
4-Nitroaniline	100-01-6	1200	U	1500	U	1000	UJ	1000	U	990	U	880	U	850	U	420	U
4-Nitrophenol	100-02-7	1200	U	3700	U	1000	U	1000	U	990	U	2100	U	2100	U	420	U
Acenaphthene	83-32-9	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Acenaphthylene	208-96-8	480	U	50	J	410	U	400	U	390	U	20	J	32	J	130	J
Acetophenone	98-86-2	480	U	750	U							440	U	430	U	210	U
Anthracene	120-12-7	480	U	60	J	56	J	400	U	56	J	440	U	430	U	260	
Atrazine	1912-24-9	480	U	750	U							440	U	430	U	210	U
Benzaldehyde	100-52-7	480	U	750	UJ							440	UJ	430	UJ	840	U
Benzo(A)Anthracene	56-55-3	110	J	240	J	370	J	170	J	350	J	37	J	29	J	900	
Benzo(A)Pyrene	50-32-8	140	J	280	J	340	J	140	J	230	J	48	J	33	J	830	J
Benzo(B)Fluoranthene	205-99-2	130	J	460	J	750	J	190	J	340	J	88	J	430	U	710	J
Benzo(G,H,I)Perylene	191-24-2	480	U	220	J	240	J	90	J	180	J	440	U	430	U	670	J
Benzo(K)Fluoranthene	207-08-9	140	J	750	U	550	J	88	J	280	J	440	U	430	U	600	J
Bis(2-Chloroethoxy)Methane	111-91-1	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Bis(2-Chloroethyl)Ether	111-44-4	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	480	U	750	U	800	U	400	U	91	J	440	U	430	U	210	U
Butylbenzylphthalate	85-68-7	350	J	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Caprolactam	105-60-2	480	U	750	U							440	U	430	U	210	U
Carbazole	86-74-8	R		750	U	410	UJ	400	U	42	J	440	U	430	U	210	U
Chrysene	218-01-9	190	J	290	J	460		260	J	420		51	J	34	J	1000	
Dibenz(A,H)Anthracene	53-70-3	480	U	75	J	96	J	400	U	88	J	440	U	430	U	190	J
Dibenzofuran	132-64-9	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Diethylphthalate	84-66-2	R		750	U	410	U	400	U	390	U	440	U	430	U	210	U
Dimethylphthalate	131-11-3	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Di-N-Butyl Phthalate	84-74-2	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Di-N-Octyl Phthalate	117-84-0	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Fluoranthene	206-44-0	280	J	470	J	700		300	J	690		93	J	57	J	2100	
Fluorene	86-73-7	480	U	750	U	410	U	400	U	390	U	440	U	430	U	90	J
Hexachlorobenzene	118-74-1	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Hexachlorobutadiene	87-68-3	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Hexachlorocyclopentadiene	77-47-4	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U

	Address	143 Newbury Ave.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Top Depth	0		0		0		0		0		0		0		0.5	
	Sample Location	SS07		SB53		SS-29		SS-31		SS-32		SS78		SS78		SS147	
	Sample ID	SS-07~AD736~~100402		S-051804-JR-106		APJ89		APJ93		APJ95		S-052004-DK-118		S-052004-DK-119		80018-SS-SS147-1010	
	Risk Zone	C		B		B		C		B		B		B		B	
	Bottom Depth	0.25		2		0.5		0.5		0.5		0.5		0.5		1	
	Sample Date	10/4/2002		5/18/2004		4/26/1999		4/26/1999		4/26/1999		5/20/2004		5/20/2004		10/5/2010	
	Sample Type	N		N		N		N		N		N		FD		N	
	Field Duplicate Parent													S-052004-DK-118			
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	480	U	750	U	410	U	400	U	390	U	440	UJ	430	UJ	210	U
Indeno(1,2,3-CD)Pyrene	193-39-5	R		200	J	230	J	100	J	200	J	440	U	430	U	530	J
Isophorone	78-59-1	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Naphthalene	91-20-3	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Nitrobenzene	98-95-3	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
N-Nitroso-Di-N-Propylamine	621-64-7	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
N-Nitrosodiphenylamine	86-30-6	480	U	750	U							440	U	430	U	210	U
Pentachlorophenol	87-86-5	1200	U	3700	U	1000	UJ	1000	U	990	U	2100	U	2100	U	420	UJ
Phenanthrene	85-01-8	200	J	180	J	240	J	220	J	350	J	36	J	430	U	1600	
Phenol	108-95-2	480	U	750	U	410	U	400	U	390	U	440	U	430	U	210	U
Pyrene	129-00-0	330	J	460	J	810		400		720		68	J	42	J	2100	

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
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Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
Top Depth		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5	
Sample Location		SS148		SS151		SS152		SS153		SS154		SS-29		SS-31		SS-32	
Sample ID		80018-SS-SS148-1010		80018-SS-SS151-1010		80018-SS-SS152-1010		80018-SS-SS153-1010		80018-SS-SS154-1010		APJ90		APJ94		APJ96	
Risk Zone		B		B		B		B		B		B		C		B	
Bottom Depth		1		1		1		1		1		2		2		2	
Sample Date		10/5/2010		10/5/2010		10/5/2010		10/5/2010		10/5/2010		4/26/1999		4/26/1999		4/26/1999	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	240	U	210	U	200	U	190	U	220	U						
1,2,4,5-Tetrachlorobenzene	95-94-3	240	U	210	U	200	U	190	U	220	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
2,3,4,6-Tetrachlorophenol	58-90-2	240	U	210	U	200	U	190	U	220	U						
2,4,5-Trichlorophenol	95-95-4	240	U	210	U	200	U	190	U	220	U	950	U	1000	U	1000	U
2,4,6-Trichlorophenol	88-06-2	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
2,4-Dichlorophenol	120-83-2	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
2,4-Dimethylphenol	105-67-9	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
2,4-Dinitrophenol	51-28-5	470	U	400	U	380	U	380	U	430	U	950	UJ	1000	U	1000	U
2,4-Dinitrotoluene	121-14-2	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
2,6-Dinitrotoluene	606-20-2	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
2-Chloronaphthalene	91-58-7	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
2-Chlorophenol	95-57-8	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
2-Methylnaphthalene	91-57-6	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
2-Methylphenol	95-48-7	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
2-Nitroaniline	88-74-4	470	U	400	U	380	U	380	U	430	U	950	U	1000	U	1000	U
2-Nitrophenol	88-75-5	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
3,3'-Dichlorobenzidine	91-94-1	240	U	210	U	200	U	190	U	220	U	380	UJ	400	U	410	UJ
3-Nitroaniline	99-09-2	470	U	400	U	380	U	380	U	430	U	950	U	1000	U	1000	U
4,6-Dinitro-2-Methylphenol	534-52-1	470	U	400	U	380	U	380	U	430	U	950	U	1000	U	1000	U
4-Bromophenyl-Phenylether	101-55-3	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
4-Chloro-3-Methylphenol	59-50-7	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
4-Chloroaniline	106-47-8	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
4-Chlorophenyl-Phenylether	7005-72-3	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
4-Methylphenol	106-44-5	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
4-Nitroaniline	100-01-6	470	U	400	U	380	U	380	U	430	U	950	U	1000	U	1000	U
4-Nitrophenol	100-02-7	470	U	400	U	380	U	380	U	430	U	950	U	1000	U	1000	U
Acenaphthene	83-32-9	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Acenaphthylene	208-96-8	240	U	730		200	U	190	U	220	U	380	U	400	U	410	U
Acetophenone	98-86-2	240	U	210	U	200	U	190	U	220	U						
Anthracene	120-12-7	240	U	730		200	U	190	U	220	U	380	U	400	U	44	J
Atrazine	1912-24-9	240	U	210	U	200	U	190	U	220	U						
Benzaldehyde	100-52-7	940	U	800	U	760	U	760	U	860	U						
Benzo(A)Anthracene	56-55-3	240	U	2100		120	J	190	U	220	U	88	J	69	J	180	J
Benzo(A)Pyrene	50-32-8	240	U	1700		120	J	190	U	220	U	70	J	39	J	170	J
Benzo(B)Fluoranthene	205-99-2	240	U	1500		110	J	190	U	220	U	82	J	72	J	240	J
Benzo(G,H,I)Perylene	191-24-2	240	U	1100		100	J	190	U	220	U	62	J	42	J	180	J
Benzo(K)Fluoranthene	207-08-9	240	U	1400		96	J	190	U	220	U	86	J	43	J	100	J
Bis(2-Chloroethoxy)Methane	111-91-1	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Bis(2-Chloroethyl)Ether	111-44-4	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	510		210	U	200	U	190	U	220	U	790	U	100	J	73	J
Butylbenzylphthalate	85-68-7	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Caprolactam	105-60-2	240	U	210	U	200	U	190	U	220	U						
Carbazole	86-74-8	240	U	130	J	200	U	190	U	220	U	380	U	400	U	410	U
Chrysene	218-01-9	240	U	2000		140	J	190	U	220	U	130	J	93	J	260	J
Dibenz(A,H)Anthracene	53-70-3	240	U	390		200	U	190	U	220	U	380	U	400	U	410	U
Dibenzofuran	132-64-9	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Diethylphthalate	84-66-2	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Dimethylphthalate	131-11-3	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Di-N-Butyl Phthalate	84-74-2	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Di-N-Octyl Phthalate	117-84-0	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	UJ
Fluoranthene	206-44-0	240	U	5900	D	260		190	U	220	U	210	J	130	J	400	J
Fluorene	86-73-7	240	U	410		200	U	190	U	220	U	380	U	400	U	410	U
Hexachlorobenzene	118-74-1	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Hexachlorobutadiene	87-68-3	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Hexachlorocyclopentadiene	77-47-4	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
Top Depth		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5	
Sample Location		SS148		SS151		SS152		SS153		SS154		SS-29		SS-31		SS-32	
Sample ID		80018-SS-SS148-1010		80018-SS-SS151-1010		80018-SS-SS152-1010		80018-SS-SS153-1010		80018-SS-SS154-1010		APJ90		APJ94		APJ96	
Risk Zone		B		B		B		B		B		B		C		B	
Bottom Depth		1		1		1		1		1		2		2		2	
Sample Date		10/5/2010		10/5/2010		10/5/2010		10/5/2010		10/5/2010		4/26/1999		4/26/1999		4/26/1999	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Indeno(1,2,3-CD)Pyrene	193-39-5	240	U	1000		96	J	190	U	220	U	56	J	46	J	160	J
Isophorone	78-59-1	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Naphthalene	91-20-3	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Nitrobenzene	98-95-3	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
N-Nitroso-Di-N-Propylamine	621-64-7	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
N-Nitrosodiphenylamine	86-30-6	240	U	210	U	200	U	190	U	220	U						
Pentachlorophenol	87-86-5	470	UJ	400	UJ	380	UJ	380	UJ	430	U	950	U	1000	U	1000	U
Phenanthrene	85-01-8	240	U	3900	D	97	J	190	U	220	U	120	J	72	J	220	J
Phenol	108-95-2	240	U	210	U	200	U	190	U	220	U	380	U	400	U	410	U
Pyrene	129-00-0	240	U	4100	D	220		190	U	220	U	250	J	150	J	460	

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

Address		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		148 Academy Ave.		148 Academy Ave.		148 Academy Ave.	
Top Depth		3.5		6		6.5		6.5		13		0		0		0	
Sample Location		SB53		MW1		SB53		SB53		SB53		SS-41		SS-41		SS-42	
Sample ID		S-051804-JR-120		S-071604-DK-207		S-051804-JR-121		S-051804-JR-122		S-051804-JR-123		APK14		APK15		APK17	
Risk Zone		B		B		B		B		B		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
Bottom Depth		6		10		10		10		15		0.5		0.5		0.5	
Sample Date		5/18/2004		7/16/2004		5/18/2004		5/18/2004		5/18/2004		4/28/1999		4/28/1999		4/28/1999	
Sample Type		N		N		N		FD		N		N		FD		N	
Field Duplicate Parent								S-051804-JR-121						APK14			
Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4																
1,2,4,5-Tetrachlorobenzene	95-94-3																
2,2'-Oxybis(1-Chloropropane)	108-60-1	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
2,3,4,6-Tetrachlorophenol	58-90-2																
2,4,5-Trichlorophenol	95-95-4	4600	U	1800	U	1700	U	1700	U	1800	U	1000	U	1000	U	990	U	1000	U
2,4,6-Trichlorophenol	88-06-2	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
2,4-Dichlorophenol	120-83-2	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
2,4-Dimethylphenol	105-67-9	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
2,4-Dinitrophenol	51-28-5	4600	U	1800	U	1700	UJ	1700	UJ	1800	UJ	1000	U	1000	U	990	U	1000	U
2,4-Dinitrotoluene	121-14-2	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
2,6-Dinitrotoluene	606-20-2	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
2-Chloronaphthalene	91-58-7	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
2-Chlorophenol	95-57-8	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
2-Methylnaphthalene	91-57-6	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
2-Methylphenol	95-48-7	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
2-Nitroaniline	88-74-4	4600	U	1800	U	1700	U	1700	U	1800	U	1000	U	1000	U	990	U	1000	U
2-Nitrophenol	88-75-5	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
3,3'-Dichlorobenzidine	91-94-1	1900	U	740	U	720	U	720	U	730	U	410	U	400	U	390	U	400	U
3-Nitroaniline	99-09-2	4600	U	1800	U	1700	U	1700	U	1800	U	1000	U	1000	U	990	U	1000	U
4,6-Dinitro-2-Methylphenol	534-52-1	4600	U	1800	U	1700	U	1700	U	1800	U	1000	U	1000	U	990	U	1000	U
4-Bromophenyl-Phenylether	101-55-3	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
4-Chloro-3-Methylphenol	59-50-7	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
4-Chloroaniline	106-47-8	950	U	370	U	360	U	360	U	360	U	410	UJ	400	UJ	390	UJ	400	UJ
4-Chlorophenyl-Phenylether	7005-72-3	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
4-Methylphenol	106-44-5	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
4-Nitroaniline	100-01-6	1900	U	740	U	720	U	720	U	730	U	1000	U	1000	U	990	U	1000	U
4-Nitrophenol	100-02-7	4600	U	1800	U	1700	U	1700	U	1800	U	1000	U	1000	U	990	U	1000	U
Acenaphthene	83-32-9	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Acenaphthylene	208-96-8	950	U	370	U	360	U	360	U	360	U	79	J	400	U	390	U	400	U
Acetophenone	98-86-2	950	U	370	U	360	U	360	U	360	U								
Anthracene	120-12-7	60	J	370	U	360	U	360	U	360	U	190	J	40	J	46	J	400	U
Atrazine	1912-24-9	950	UJ	370	U	360	U	360	U	360	U								
Benzaldehyde	100-52-7	950	UJ	370	UJ	360	UJ	360	UJ	360	UJ								
Benzo(A)Anthracene	56-55-3	150	J	370	U	360	U	360	U	360	U	1000	J	290	J	360	J	400	U
Benzo(A)Pyrene	50-32-8	140	J	370	U	360	U	360	U	360	U	570		210	J	250	J	400	U
Benzo(B)Fluoranthene	205-99-2	170	J	370	U	360	U	360	U	360	U	1100	J	340	J	480		400	U
Benzo(G,H,I)Perylene	191-24-2	110	J	370	U	360	U	360	U	360	U	380	J	160	J	190	J	400	U
Benzo(K)Fluoranthene	207-08-9	170	J	370	U	360	U	360	U	360	U	660		190	J	180	J	400	U
Bis(2-Chloroethoxy)Methane	111-91-1	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Bis(2-Chloroethyl)Ether	111-44-4	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	950	U	370	U	360	U	45	J	360	U	410	U	150	J	150	J	56	J
Butylbenzylphthalate	85-68-7	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Caprolactam	105-60-2	950	U	370	U	360	U	360	U	360	U								
Carbazole	86-74-8	950	U	370	U	360	U	360	U	360	U	78	J	400	U	390	U	400	U
Chrysene	218-01-9	220	J	370	U	360	U	360	U	360	U	880	J	300	J	400		400	U
Dibenz(A,H)Anthracene	53-70-3	950	U	370	U	360	U	360	U	360	U	140	J	62	J	89	J	400	U
Dibenzofuran	132-64-9	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Diethylphthalate	84-66-2	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Dimethylphthalate	131-11-3	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Di-N-Butyl Phthalate	84-74-2	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Di-N-Octyl Phthalate	117-84-0	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Fluoranthene	206-44-0	350	J	370	U	360	U	360	U	360	U	2600	J	600	J	810		63	J
Fluorene	86-73-7	950	U	370	U	360	U	360	U	360	U	86	J	400	U	390	U	400	U
Hexachlorobenzene	118-74-1	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Hexachlorobutadiene	87-68-3	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Hexachlorocyclopentadiene	77-47-4	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		148 Academy Ave.		148 Academy Ave.		148 Academy Ave.		148 Academy Ave.	
	Top Depth	3.5		6		6.5		6.5		13		0		0		0		0.5	
	Sample Location	SB53		MW1		SB53		SB53		SB53		SS-41		SS-41		SS-42		SS-41	
	Sample ID	S-051804-JR-120		S-071604-DK-207		S-051804-JR-121		S-051804-JR-122		S-051804-JR-123		APK14		APK15		APK17		APK16	
	Risk Zone	B		B		B		B		B		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	6		10		10		10		15		0.5		0.5		0.5		2	
	Sample Date	5/18/2004		7/16/2004		5/18/2004		5/18/2004		5/18/2004		4/28/1999		4/28/1999		4/28/1999		4/28/1999	
	Sample Type	N		N		N		FD		N		N		FD		N		N	
	Field Duplicate Parent							S-051804-JR-121						APK14					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Indeno(1,2,3-CD)Pyrene	193-39-5	93	J	370	U	360	U	360	U	360	U	500		200	J	220	J	400	U
Isophorone	78-59-1	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Naphthalene	91-20-3	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Nitrobenzene	98-95-3	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
N-Nitroso-Di-N-Propylamine	621-64-7	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
N-Nitrosodiphenylamine	86-30-6	950	U	370	U	360	U	360	U	360	U								
Pentachlorophenol	87-86-5	4600	U	1800	UJ	1700	U	1700	U	1800	U	1000	U	1000	U	990	U	1000	U
Phenanthrene	85-01-8	240	J	370	U	360	U	360	U	360	U	1200	J	240	J	330	J	400	U
Phenol	108-95-2	950	U	370	U	360	U	360	U	360	U	410	U	400	U	390	U	400	U
Pyrene	129-00-0	350	J	370	U	360	U	360	U	360	U	1800	J	570	J	760		67	J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	148 Academy Ave.		149 Academy Ave.		149 Academy Ave.		15 Donald Terr.		15 Donald Terr.		150 Monroe Ave.		158 Monroe Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.	
	Top Depth	0.5		0		0.5		0		0.5		0		0		0		0		0		0	
	Sample Location	SS-42		SS-52		SS-52		SS-46		SS-46		SS132		SS133		SB29		SB88		SS33		SS33	
	Sample ID	APK18		APK39		APK40		APK26		APK27		80018-SS132-0006		80018-SS133-0006		SB29-00-04~A0SE5-2A70~~102302		S-051704-JR-072		SS-033~A0KK9-8A66~~110102		SS-033~AA26634~~110102	
	Risk Zone	Scovill-Offiste		A		A		Scovill-Offiste		Scovill-Offiste		C		C		A		A		A		A	
	Bottom Depth	2		0.5		2		0.5		2		0.5		0.5		4		2		0.25		0.25	
	Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		10/22/2008		10/22/2008		10/23/2002		5/17/2004		11/1/2002		11/1/2002	
	Sample Type	N		N		N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																						
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4											220	U	230	U	500	U			650	U		
1,2,4,5-Tetrachlorobenzene	95-94-3											220	U	230	U								
2,2'-Oxybis(1-Chloropropane)	108-60-1	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
2,3,4,6-Tetrachlorophenol	58-90-2											220	U	230	U								
2,4,5-Trichlorophenol	95-95-4	1000	U	1100	U	1000	U	1100	U	910	U	220	U	230	U	1300	U	3400	U	1600	U		
2,4,6-Trichlorophenol	88-06-2	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
2,4-Dichlorophenol	120-83-2	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
2,4-Dimethylphenol	105-67-9	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
2,4-Dinitrophenol	51-28-5	1000	U	1100	U	1000	UJ	1100	U	910	U	430	U	450	U	1300	U	3400	UJ	1600	U		
2,4-Dinitrotoluene	121-14-2	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
2,6-Dinitrotoluene	606-20-2	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
2-Chloronaphthalene	91-58-7	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
2-Chlorophenol	95-57-8	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
2-Methylnaphthalene	91-57-6	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	79	J	650	U		
2-Methylphenol	95-48-7	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
2-Nitroaniline	88-74-4	1000	U	1100	U	1000	U	1100	U	910	U	430	U	450	U	1300	U	3400	U	1600	U		
2-Nitrophenol	88-75-5	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
3,3'-Dichlorobenzidine	91-94-1	400	U	430	UJ	400	U	430	U	360	U	220	U	230	U	500	U	1400	U	650	U		
3-Nitroaniline	99-09-2	1000	U	1100	U	1000	U	1100	U	910	U	430	U	450	U	1300	U	3400	U	1600	U		
4,6-Dinitro-2-Methylphenol	534-52-1	1000	U	1100	U	1000	U	1100	U	910	U	430	U	450	U	1300	U	3400	U	1600	U		
4-Bromophenyl-Phenylether	101-55-3	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
4-Chloro-3-Methylphenol	59-50-7	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
4-Chloroaniline	106-47-8	400	UJ	430	UJ	400	UJ	430	UJ	360	UJ	220	U	230	U	500	U	700	U	650	U		
4-Chlorophenyl-Phenylether	7005-72-3	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
4-Methylphenol	106-44-5	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
4-Nitroaniline	100-01-6	1000	U	1100	U	1000	UJ	1100	U	910	U	430	U	450	U	1300	U	1400	U	1600	U		
4-Nitrophenol	100-02-7	1000	U	1100	U	1000	UJ	1100	U	910	U	430	U	450	U	1300	U	3400	U	1600	U		
Acenaphthene	83-32-9	400	U	430	U	400	U	53	J	360	U	220	U	230	U	500	U	41	J	650	U		
Acenaphthylene	208-96-8	400	U	430	U	400	U	100	J	360	U	54	J	120	J	59	J	1200		36	J		
Acetophenone	98-86-2											26	J	37	J	160	J	700	U	39	JB		
Anthracene	120-12-7	400	U	85	J	48	J	320	J	52	J	65	J	47	J	87	J	780		35	J		
Atrazine	1912-24-9											220	U	230	U	500	U	700	U	650	U		
Benzaldehyde	100-52-7											220	U	230	U	110	J	700	UJ	130	JB		
Benzo(A)Anthracene	56-55-3	99	J	370	J	530		1200		200	J	210	J	290	J	340	J	1900		150	J		
Benzo(A)Pyrene	50-32-8	90	J	330	J	400		840		180	J	240		410		350	J	2000		140	J		
Benzo(B)Fluoranthene	205-99-2	150	J	520		460		1700		340	J	440		490		300	J	3600	#	240	JX		
Benzo(G,H,I)Perylene	191-24-2	74	J	240	J	340	J	690		170	J	89	J	140	J	220	J	660	J	120	J		
Benzo(K)Fluoranthene	207-08-9	86	J	340	J	320	J	1100		190	J	290		540		380	J	700	U#	290	JX		
Bis(2-Chloroethoxy)Methane	111-91-1	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
Bis(2-Chloroethyl)Ether	111-44-4	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	88	J	130	J	65	J	67	J	340	J	220	U	230	U	69	JB	700	U	330	JB		
Butylbenzylphthalate	85-68-7	400	U	430	U	400	U	430	U	360	U	42	JEB	23	JEB	500	U	700	U	70	J		
Caprolactam	105-60-2											220	U	230	U	500	U	700	U	650	U		
Carbazole	86-74-8	400	U	52	J	400	U	160	J	360	U	38	J	51	J	43	J	210	J	20	J		
Chrysene	218-01-9	160	J	470		440		1600		320	J	280	J	430	J	390	J	2500		160	J		
Dibenz(A,H)Anthracene	53-70-3	400	U	94	J	84	J	190	J	52	J	30	J	46	J	69	J	400	J	37	J		
Dibenzofuran	132-64-9	400	U	430	U	400	U	52	J	360	U	220	U	230	U	15	J	51	J	650	U		
Diethylphthalate	84-66-2	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
Dimethylphthalate	131-11-3	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
Di-N-Butyl Phthalate	84-74-2	400	U	430	U	400	U	430	U	360	U	220	U	230	U	17	J	700	U	650	U		
Di-N-Octyl Phthalate	117-84-0	400	U	430	U	400	U	430	U	360	U	220	UJ	230	UJ	500	U	700	U	650	U		
Fluoranthene	206-44-0	280	J	830		830		3100		610		690	J	1000	J	740		4000		320	J		
Fluorene	86-73-7	400	U	430	U	400	U	130	J	360	U	220	U	230	U	27	J	700	U	650	U		
Hexachlorobenzene	118-74-1	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
Hexachlorobutadiene	87-68-3	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
Hexachlorocyclopentadiene	77-47-4	400	U	430	U	400	UJ	430	U	360	U	220	U	230	U	500	U	700	U	650	U		

	Address	148 Academy Ave.		149 Academy Ave.		149 Academy Ave.		15 Donald Terr.		15 Donald Terr.		150 Monroe Ave.		158 Monroe Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.	
	Top Depth	0.5		0		0.5		0		0.5		0		0		0		0		0		0	
	Sample Location	SS-42		SS-52		SS-52		SS-46		SS-46		SS132		SS133		SB29		SB88		SS33		SS33	
	Sample ID	APK18		APK39		APK40		APK26		APK27		80018-SS132-0006		80018-SS133-0006		SB29-00-04~A0SE5-2A70~~102302		S-051704-JR-072		SS-033~A0KK9-8A66~~110102		SS-033~AA26634~~110102	
	Risk Zone	Scovill-Offiste		A		A		Scovill-Offiste		Scovill-Offiste		C		C		A		A		A		A	
	Bottom Depth	2		0.5		2		0.5		2		0.5		0.5		4		2		0.25		0.25	
	Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		10/22/2008		10/22/2008		10/23/2002		5/17/2004		11/1/2002		11/1/2002	
	Sample Type	N		N		N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																						
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	80	J	300	J	300	J	870		190	J	110	J	160	J	290	J	790		110	J		
Isophorone	78-59-1	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
Naphthalene	91-20-3	400	U	430	U	400	U	430	U	360	U	220	U	230	U	13	J	700	U	650	U	15	U
Nitrobenzene	98-95-3	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
N-Nitroso-Di-N-Propylamine	621-64-7	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
N-Nitrosodiphenylamine	86-30-6											220	U	230	U	500	U	700	U	650	U		
Pentachlorophenol	87-86-5	1000	U	1100	U	1000	UJ	1100	U	910	U	430	U	450	U	1300	U	3400	U	1600	U		
Phenanthrene	85-01-8	110	J	480		260	J	1900		240	J	260		340		360	J	1400		160	J		
Phenol	108-95-2	400	U	430	U	400	U	430	U	360	U	220	U	230	U	500	U	700	U	650	U		
Pyrene	129-00-0	270	J	800		730		2900		530		310	J	480	J	630		3100		270	J		

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	161 Academy Ave.
	Top Depth	0
	Sample Location	SS80
	Sample ID	SS-051704-DK-052
	Risk Zone	A
	Bottom Depth	0.5
	Sample Date	5/17/2004
	Sample Type	N
	Field Duplicate Parent	
	Unit	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**
1,1'-Biphenyl	92-52-4	
1,2,4,5-Tetrachlorobenzene	95-94-3	
2,2'-Oxybis(1-Chloropropane)	108-60-1	750 U
2,3,4,6-Tetrachlorophenol	58-90-2	
2,4,5-Trichlorophenol	95-95-4	3600 U
2,4,6-Trichlorophenol	88-06-2	750 U
2,4-Dichlorophenol	120-83-2	750 U
2,4-Dimethylphenol	105-67-9	750 U
2,4-Dinitrophenol	51-28-5	3600 UJ
2,4-Dinitrotoluene	121-14-2	750 U
2,6-Dinitrotoluene	606-20-2	750 U
2-Chloronaphthalene	91-58-7	750 U
2-Chlorophenol	95-57-8	750 U
2-Methylnaphthalene	91-57-6	750 U
2-Methylphenol	95-48-7	750 U
2-Nitroaniline	88-74-4	3600 U
2-Nitrophenol	88-75-5	750 U
3,3'-Dichlorobenzidine	91-94-1	1500 U
3-Nitroaniline	99-09-2	3600 U
4,6-Dinitro-2-Methylphenol	534-52-1	3600 U
4-Bromophenyl-Phenylether	101-55-3	750 U
4-Chloro-3-Methylphenol	59-50-7	750 U
4-Chloroaniline	106-47-8	750 U
4-Chlorophenyl-Phenylether	7005-72-3	750 U
4-Methylphenol	106-44-5	750 U
4-Nitroaniline	100-01-6	1500 U
4-Nitrophenol	100-02-7	3600 U
Acenaphthene	83-32-9	750 U
Acenaphthylene	208-96-8	84 J
Acetophenone	98-86-2	750 U
Anthracene	120-12-7	97 J
Atrazine	1912-24-9	750 U
Benzaldehyde	100-52-7	750 UJ
Benzo(A)Anthracene	56-55-3	310 J
Benzo(A)Pyrene	50-32-8	350 J
Benzo(B)Fluoranthene	205-99-2	470 J
Benzo(G,H,I)Perylene	191-24-2	270 J
Benzo(K)Fluoranthene	207-08-9	330 J
Bis(2-Chloroethoxy)Methane	111-91-1	750 U
Bis(2-Chloroethyl)Ether	111-44-4	750 U
Bis(2-Ethylhexyl)Phthalate	117-81-7	750 U
Butylbenzylphthalate	85-68-7	750 U
Caprolactam	105-60-2	750 U
Carbazole	86-74-8	750 U
Chrysene	218-01-9	440 J
Dibenz(A,H)Anthracene	53-70-3	100 J
Dibenzofuran	132-64-9	750 U
Diethylphthalate	84-66-2	750 U
Dimethylphthalate	131-11-3	750 U
Di-N-Butyl Phthalate	84-74-2	750 U
Di-N-Octyl Phthalate	117-84-0	750 U
Fluoranthene	206-44-0	880
Fluorene	86-73-7	750 U
Hexachlorobenzene	118-74-1	750 U
Hexachlorobutadiene	87-68-3	750 U
Hexachlorocyclopentadiene	77-47-4	750 U

	Address	161 Academy Ave.
	Top Depth	0
	Sample Location	SS80
	Sample ID	SS-051704-DK-052
	Risk Zone	A
	Bottom Depth	0.5
	Sample Date	5/17/2004
	Sample Type	N
	Field Duplicate Parent	
	Unit	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**
Hexachloroethane	67-72-1	750 U
Indeno(1,2,3-CD)Pyrene	193-39-5	230 J
Isophorone	78-59-1	750 U
Naphthalene	91-20-3	750 U
Nitrobenzene	98-95-3	750 U
N-Nitroso-Di-N-Propylamine	621-64-7	750 U
N-Nitrosodiphenylamine	86-30-6	750 U
Pentachlorophenol	87-86-5	3600 U
Phenanthrene	85-01-8	410 J
Phenol	108-95-2	750 U
Pyrene	129-00-0	740 J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		166 Monroe Ave.		167 Academy Ave.		167 Academy Ave.	
	Top Depth	1		5		10		10		0		0		0	
	Sample Location	SB29		SB88		SB88		SB88		SS134		SS-49		SS-49	
	Sample ID	SB29-01-02~AA26222~~102102		S-051704-JR-074		S-051704-JR-076		S-051704-JR-078		80018-SS134-0006		APK32		APK34	
	Risk Zone	A		A		A		A		C		A		A	
	Bottom Depth	2		10		15		15		0.5		0.5		0.5	
	Sample Date	10/21/2002		5/17/2004		5/17/2004		5/17/2004		10/22/2008		4/28/1999		4/28/1999	
	Sample Type	N		N		N		FD		N		N		FD	
	Field Duplicate Parent							S-051704-JR-076						APK32	
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4									210	U				
1,2,4,5-Tetrachlorobenzene	95-94-3									210	U				
2,2'-Oxybis(1-Chloropropane)	108-60-1			350	U	350	U	350	U	210	U	400	U	410	U
2,3,4,6-Tetrachlorophenol	58-90-2									210	U				
2,4,5-Trichlorophenol	95-95-4			1700	U	1700	U	1700	U	210	U	1000	U	1000	U
2,4,6-Trichlorophenol	88-06-2			350	U	350	U	350	U	210	U	400	U	410	U
2,4-Dichlorophenol	120-83-2			350	U	350	U	350	U	210	U	400	U	410	U
2,4-Dimethylphenol	105-67-9			350	U	350	U	350	U	210	U	400	U	410	U
2,4-Dinitrophenol	51-28-5			1700	UJ	1700	UJ	1700	UJ	410	U	1000	U	1000	U
2,4-Dinitrotoluene	121-14-2			350	U	350	U	350	U	210	U	400	U	410	U
2,6-Dinitrotoluene	606-20-2			350	U	350	U	350	U	210	U	400	U	410	U
2-Chloronaphthalene	91-58-7			350	U	350	U	350	U	210	U	400	U	410	U
2-Chlorophenol	95-57-8			350	U	350	U	350	U	210	U	400	U	410	U
2-Methylnaphthalene	91-57-6			350	U	350	U	350	U	210	U	400	U	410	U
2-Methylphenol	95-48-7			350	U	350	U	350	U	210	U	400	U	410	U
2-Nitroaniline	88-74-4			1700	U	1700	U	1700	U	410	U	1000	U	1000	U
2-Nitrophenol	88-75-5			350	U	350	U	350	U	210	U	400	U	410	U
3,3'-Dichlorobenzidine	91-94-1			700	U	700	U	700	U	210	U	400	U	410	UJ
3-Nitroaniline	99-09-2			1700	U	1700	U	1700	U	410	U	1000	U	1000	U
4,6-Dinitro-2-Methylphenol	534-52-1			1700	U	1700	U	1700	U	410	U	1000	U	1000	U
4-Bromophenyl-Phenylether	101-55-3			350	U	350	U	350	U	210	U	400	U	410	U
4-Chloro-3-Methylphenol	59-50-7			350	U	350	U	350	U	210	U	400	U	410	U
4-Chloroaniline	106-47-8			350	U	350	U	350	U	210	U	400	U	410	UJ
4-Chlorophenyl-Phenylether	7005-72-3			350	U	350	U	350	U	210	U	400	U	410	U
4-Methylphenol	106-44-5			350	U	350	U	350	U	210	U	400	U	410	U
4-Nitroaniline	100-01-6			700	U	700	U	700	U	410	U	1000	U	1000	U
4-Nitrophenol	100-02-7			1700	U	1700	U	1700	U	410	U	1000	U	1000	U
Acenaphthene	83-32-9			350	U	350	U	350	U	21	J	400	U	410	U
Acenaphthylene	208-96-8			350	U	350	U	350	U	260		400	U	410	U
Acetophenone	98-86-2			350	U	350	U	350	U	210	U				
Anthracene	120-12-7			350	U	350	U	350	U	190	J	400	U	410	U
Atrazine	1912-24-9			350	U	350	U	350	U	210	U				
Benzaldehyde	100-52-7			350	UJ	350	UJ	350	UJ	210	U				
Benzo(A)Anthracene	56-55-3			350	U	350	U	350	U	840	J	120	J	110	J
Benzo(A)Pyrene	50-32-8			350	U	350	U	350	U	1100		100	J	110	J
Benzo(B)Fluoranthene	205-99-2			350	U	350	U	350	U	1200		160	J	160	J
Benzo(G,H,I)Perylene	191-24-2			350	U	350	U	350	U	310		79	J	93	J
Benzo(K)Fluoranthene	207-08-9			350	U	350	U	350	U	1300		110	J	150	J
Bis(2-Chloroethoxy)Methane	111-91-1			350	U	350	U	350	U	210	U	400	U	410	U
Bis(2-Chloroethyl)Ether	111-44-4			350	U	350	U	350	U	210	U	400	U	410	U
Bis(2-Ethylhexyl)Phthalate	117-81-7			350	U	350	U	350	U	110	J	260	J	90	J
Butylbenzylphthalate	85-68-7			350	U	350	U	350	U	35	JEB	400	U	410	U
Caprolactam	105-60-2			350	U	350	U	350	U	210	U				
Carbazole	86-74-8			350	U	350	U	350	U	160	J	400	U	410	U
Chrysene	218-01-9			350	U	350	U	350	U	1200	J	160	J	170	J
Dibenz(A,H)Anthracene	53-70-3			350	U	350	U	350	U	96	J	400	U	44	J
Dibenzofuran	132-64-9			350	U	350	U	350	U	29	J	400	U	410	U
Diethylphthalate	84-66-2			350	U	350	U	350	U	210	U	400	U	410	U
Dimethylphthalate	131-11-3			350	U	350	U	350	U	210	U	400	U	410	U
Di-N-Butyl Phthalate	84-74-2			350	U	350	U	350	U	25	J	400	U	410	U
Di-N-Octyl Phthalate	117-84-0			350	U	350	U	350	U	210	U	400	U	410	U
Fluoranthene	206-44-0			350	U	350	U	350	U	2700	J	390	J	310	J
Fluorene	86-73-7			350	U	350	U	350	U	61	J	400	U	410	U
Hexachlorobenzene	118-74-1			350	U	350	U	350	U	210	U	400	U	410	U
Hexachlorobutadiene	87-68-3			350	U	350	U	350	U	210	U	400	U	410	U
Hexachlorocyclopentadiene	77-47-4			350	U	350	U	350	U	210	U	400	U	410	U

	Address	161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		166 Monroe Ave.		167 Academy Ave.		167 Academy Ave.	
	Top Depth	1		5		10		10		0		0		0	
	Sample Location	SB29		SB88		SB88		SB88		SS134		SS-49		SS-49	
	Sample ID	SB29-01-02~AA26222~~102102		S-051704-JR-074		S-051704-JR-076		S-051704-JR-078		80018-SS134-0006		APK32		APK34	
	Risk Zone	A		A		A		A		C		A		A	
	Bottom Depth	2		10		15		15		0.5		0.5		0.5	
	Sample Date	10/21/2002		5/17/2004		5/17/2004		5/17/2004		10/22/2008		4/28/1999		4/28/1999	
	Sample Type	N		N		N		FD		N		N		FD	
	Field Duplicate Parent							S-051704-JR-076						APK32	
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1			350	U	350	U	350	U	210	U	400	U	410	U
Indeno(1,2,3-CD)Pyrene	193-39-5			350	U	350	U	350	U	360		96	J	120	J
Isophorone	78-59-1			350	U	350	U	350	U	210	U	400	U	410	U
Naphthalene	91-20-3	2	JB	350	U	350	U	350	U	21	J	400	U	410	U
Nitrobenzene	98-95-3			350	U	350	U	350	U	210	U	400	U	410	U
N-Nitroso-Di-N-Propylamine	621-64-7			350	U	350	U	350	U	210	U	400	U	410	U
N-Nitrosodiphenylamine	86-30-6			350	U	350	U	350	U	210	U				
Pentachlorophenol	87-86-5			1700	U	1700	U	1700	U	410	U	1000	U	1000	U
Phenanthrene	85-01-8			350	U	350	U	350	U	1200		150	J	150	J
Phenol	108-95-2			350	U	350	U	350	U	210	U	400	U	410	U
Pyrene	129-00-0			350	U	350	U	350	U	1400	J	290	J	270	J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	167 Academy Ave.		169 Meriden Rd.		169 Meriden Rd.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.	
	Top Depth	0.5		0		5		0		0		0	
	Sample Location	SS-49		SB55		SB55		SB03		SS02		SS02	
	Sample ID	APK33		S-051904-JR-137		S-051904-JR-138		SB03-00-05~H73GK186~~101602		SS-02~AA25773~~100802		SS-02~S2101413.D~~100802	
	Risk Zone	A		Scovill-Offiste		Scovill-Offiste		D1*		D1*		D1*	
	Bottom Depth	2		2		7		5		0.25		0.25	
	Sample Date	4/28/1999		5/19/2004		5/19/2004		10/16/2002		10/8/2002		10/8/2002	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4							R				800	U
1,2,4,5-Tetrachlorobenzene	95-94-3												
2,2'-Oxybis(1-Chloropropane)	108-60-1	410	U	690	U	400	U	R				800	U
2,3,4,6-Tetrachlorophenol	58-90-2												
2,4,5-Trichlorophenol	95-95-4	1000	U	3300	U	2000	U	R				2000	U
2,4,6-Trichlorophenol	88-06-2	410	U	690	U	400	U	R				800	U
2,4-Dichlorophenol	120-83-2	410	U	690	U	400	U	R				800	U
2,4-Dimethylphenol	105-67-9	410	U	690	U	400	U	R				800	U
2,4-Dinitrophenol	51-28-5	1000	U	3300	UJ	2000	UJ	R				2000	U
2,4-Dinitrotoluene	121-14-2	410	U	690	U	400	U	R				800	U
2,6-Dinitrotoluene	606-20-2	410	U	690	U	400	U	R				800	U
2-Chloronaphthalene	91-58-7	410	U	690	U	400	U	R				800	U
2-Chlorophenol	95-57-8	410	U	690	U	400	U	R				800	U
2-Methylnaphthalene	91-57-6	410	U	690	U	400	U	R				800	U
2-Methylphenol	95-48-7	410	U	690	U	400	U	R				800	U
2-Nitroaniline	88-74-4	1000	U	3300	U	2000	U	R				2000	U
2-Nitrophenol	88-75-5	410	U	690	U	400	U	R				800	U
3,3'-Dichlorobenzidine	91-94-1	410	U	1400	U	810	U	R				800	UJ
3-Nitroaniline	99-09-2	1000	U	3300	U	2000	U	R				2000	U
4,6-Dinitro-2-Methylphenol	534-52-1	1000	U	3300	U	2000	U	R				2000	U
4-Bromophenyl-Phenylether	101-55-3	410	U	690	U	400	U	R				800	U
4-Chloro-3-Methylphenol	59-50-7	410	U	690	U	400	U	R				800	U
4-Chloroaniline	106-47-8	410	UJ	690	U	400	U	R				800	U
4-Chlorophenyl-Phenylether	7005-72-3	410	U	690	U	400	U	R				800	U
4-Methylphenol	106-44-5	410	U	690	U	400	U	R				800	U
4-Nitroaniline	100-01-6	1000	U	1400	U	810	U	R				2000	U
4-Nitrophenol	100-02-7	1000	U	3300	U	2000	U	R				2000	U
Acenaphthene	83-32-9	410	U	690	U	400	U	R				120	J
Acenaphthylene	208-96-8	410	U	690	U	400	U	R				110	J
Acetophenone	98-86-2			690	U	400	U	R				800	U
Anthracene	120-12-7	410	U	47	J	75	J	R				460	J
Atrazine	1912-24-9			690	U	400	U	R				800	U
Benzaldehyde	100-52-7			690	UJ	400	UJ	R				110	JEB
Benzo(A)Anthracene	56-55-3	180	J	81	J	120	J	R				1100	
Benzo(A)Pyrene	50-32-8	140	J	84	J	69	J	R				1100	
Benzo(B)Fluoranthene	205-99-2	240	J	190	J	96	J	R				1300	
Benzo(G,H,I)Perylene	191-24-2	120	J	88	J	51	J	R				750	J
Benzo(K)Fluoranthene	207-08-9	120	J	690	UJ	86	J	R				1300	
Bis(2-Chloroethoxy)Methane	111-91-1	410	U	690	U	400	U	R				800	U
Bis(2-Chloroethyl)Ether	111-44-4	410	U	690	U	400	U	R				800	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	410	U	690	U	52	J	180	J			1200	J
Butylbenzylphthalate	85-68-7	410	U	690	U	400	U	R				100	J
Caprolactam	105-60-2			690	U	400	U	R				800	U
Carbazole	86-74-8	410	U	690	U	51	J	R				260	J
Chrysene	218-01-9	320	J	120	J	140	J	45	J			1400	
Dibenz(A,H)Anthracene	53-70-3	410	U	690	U	400	U	R				380	J
Dibenzofuran	132-64-9	410	U	690	U	400	U	R				82	J
Diethylphthalate	84-66-2	410	U	690	U	400	U	R				800	U
Dimethylphthalate	131-11-3	410	U	690	U	400	U	R				800	U
Di-N-Butyl Phthalate	84-74-2	410	U	690	U	400	U	R				800	U
Di-N-Octyl Phthalate	117-84-0	410	U	690	U	400	U	R				800	U
Fluoranthene	206-44-0	420		250	J	510		77	J			2800	
Fluorene	86-73-7	410	U	690	U	400	U	R				160	J
Hexachlorobenzene	118-74-1	410	U	690	U	400	U	R				800	U
Hexachlorobutadiene	87-68-3	410	U	690	U	400	U	R				800	U
Hexachlorocyclopentadiene	77-47-4	410	U	690	U	400	U	R				800	U

	Address	167 Academy Ave.		169 Meriden Rd.		169 Meriden Rd.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.	
	Top Depth	0.5		0		5		0		0		0	
	Sample Location	SS-49		SB55		SB55		SB03		SS02		SS02	
	Sample ID	APK33		S-051904-JR-137		S-051904-JR-138		SB03-00-05~H73GK186~~101602		SS-02~AA25773~~100802		SS-02~S2101413.D~~100802	
	Risk Zone	A		Scovill-Offiste		Scovill-Offiste		D1*		D1*		D1*	
	Bottom Depth	2		2		7		5		0.25		0.25	
	Sample Date	4/28/1999		5/19/2004		5/19/2004		10/16/2002		10/8/2002		10/8/2002	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	410	U	690	U	400	U	R				800	U
Indeno(1,2,3-CD)Pyrene	193-39-5	140	J	72	J	49	J	R				740	J
Isophorone	78-59-1	410	U	690	U	400	U	R				800	U
Naphthalene	91-20-3	410	U	690	U	400	U	R		5	U	800	U
Nitrobenzene	98-95-3	410	U	690	U	400	U	R				800	U
N-Nitroso-Di-N-Propylamine	621-64-7	410	U	690	U	400	U	R				800	U
N-Nitrosodiphenylamine	86-30-6			690	U	400	U	R				800	U
Pentachlorophenol	87-86-5	1000	U	3300	U	2000	U	R				2000	U
Phenanthrene	85-01-8	260	J	260	J	430		R				2000	
Phenol	108-95-2	410	U	690	U	400	U	R				800	U
Pyrene	129-00-0	460		200	J	380	J	77	J			2400	

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.	
	Top Depth	0		0		0		0		0.5		5		6	
	Sample Location	SS09		SS09		SS108		SS-12		SS-12		SB110		SB03	
	Sample ID	SS-09~A0RG2-1A70~~103102		SS-09~AA26569~~103102		80018-SS108-0006		APJ53		APJ54		80018-SB110-0507		SB03-6-7~AA26036~~102302	
	Risk Zone	D1*		D1*		D1*		D1*		D1*		D1*		D1*	
	Bottom Depth	0.25		0.25		0.5		0.5		2		7		7	
	Sample Date	10/31/2002		10/31/2002		10/16/2008		4/27/1999		4/27/1999		10/27/2008		10/23/2002	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	420	U			200	U					220	U		
1,2,4,5-Tetrachlorobenzene	95-94-3					200	U					220	U		
2,2'-Oxybis(1-Chloropropane)	108-60-1	420	U			200	U	380	UJ	360	UJ	220	U		
2,3,4,6-Tetrachlorophenol	58-90-2					200	U					220	U		
2,4,5-Trichlorophenol	95-95-4	1100	U			200	U	940	U	900	U	220	U		
2,4,6-Trichlorophenol	88-06-2	420	U			200	U	380	U	360	U	220	U		
2,4-Dichlorophenol	120-83-2	420	U			200	U	380	U	360	U	220	U		
2,4-Dimethylphenol	105-67-9	420	U			200	U	380	U	360	U	220	U		
2,4-Dinitrophenol	51-28-5	1100	U			380	U	940	U	900	U	430	U		
2,4-Dinitrotoluene	121-14-2	420	U			200	U	380	U	360	U	220	U		
2,6-Dinitrotoluene	606-20-2	420	U			200	U	380	U	360	U	220	U		
2-Chloronaphthalene	91-58-7	420	U			200	U	380	U	360	U	220	U		
2-Chlorophenol	95-57-8	420	U			200	U	380	U	360	U	220	U		
2-Methylnaphthalene	91-57-6	420	U			200	U	380	U	360	U	220	U		
2-Methylphenol	95-48-7	420	U			200	U	380	U	360	U	220	U		
2-Nitroaniline	88-74-4	1100	U			380	U	940	UJ	900	UJ	430	U		
2-Nitrophenol	88-75-5	420	U			200	U	380	U	360	U	220	U		
3,3'-Dichlorobenzidine	91-94-1	420	U			200	U	380	U	360	U	220	U		
3-Nitroaniline	99-09-2	1100	U			380	U	940	UJ	900	UJ	430	U		
4,6-Dinitro-2-Methylphenol	534-52-1	1100	U			380	U	940	U	900	U	430	U		
4-Bromophenyl-Phenylether	101-55-3	420	U			200	U	380	U	360	U	220	U		
4-Chloro-3-Methylphenol	59-50-7	420	U			200	U	380	U	360	U	220	U		
4-Chloroaniline	106-47-8	420	U			200	U	380	UJ	360	UJ	220	U		
4-Chlorophenyl-Phenylether	7005-72-3	420	U			200	U	380	U	360	U	220	U		
4-Methylphenol	106-44-5	420	U			200	U	380	U	360	U	220	U		
4-Nitroaniline	100-01-6	1100	U			380	U	940	U	900	U	430	U		
4-Nitrophenol	100-02-7	1100	U			380	U	940	UJ	900	UJ	430	U		
Acenaphthene	83-32-9	420	U			200	U	380	U	360	U	220	U		
Acenaphthylene	208-96-8	31	J			36	J	380	U	360	U	220	U		
Acetophenone	98-86-2	14	JB			200	U					220	U		
Anthracene	120-12-7	220	J			41	J	65	J	360	U	220	U		
Atrazine	1912-24-9	420	U			200	U					220	U		
Benzaldehyde	100-52-7	420	U			200	U					220	U		
Benzo(A)Anthracene	56-55-3	1800				230		260	J	76	J	58	J		
Benzo(A)Pyrene	50-32-8	2100				290		240	J	77	J	80	J		
Benzo(B)Fluoranthene	205-99-2	2700				310	J	460	J	110	J	83	J		
Benzo(G,H,I)Perylene	191-24-2	1500				100	J	210	J	68	J	55	J		
Benzo(K)Fluoranthene	207-08-9	1900				260		350	J	82	J	75	J		
Bis(2-Chloroethoxy)Methane	111-91-1	420	U			200	U	380	U	360	U	220	U		
Bis(2-Chloroethyl)Ether	111-44-4	420	U			200	U	380	U	360	U	220	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	290	JB			200	U	380	U	360	U	220	U		
Butylbenzylphthalate	85-68-7	420	U			200	U	59	J	360	U	220	U		
Caprolactam	105-60-2	420	U			200	U					220	U		
Carbazole	86-74-8	420				29	J	380	UJ	360	UJ	220	U		
Chrysene	218-01-9	2600				290		310	J	120	J	95	J		
Dibenz(A,H)Anthracene	53-70-3	530				38	J	82	J	360	U	220	U		
Dibenzofuran	132-64-9	25	J			200	U	380	U	360	U	220	U		
Diethylphthalate	84-66-2	420	U			200	U	380	U	360	U	220	U		
Dimethylphthalate	131-11-3	420	U			200	U	380	U	360	U	220	U		
Di-N-Butyl Phthalate	84-74-2	420	U			200	U	380	U	360	U	220	U		
Di-N-Octyl Phthalate	117-84-0	420	U			200	U	380	U	360	U	220	U		
Fluoranthene	206-44-0	4500	D			570		540		180	J	170	J		
Fluorene	86-73-7	33	J			200	U	380	U	360	U	220	U		
Hexachlorobenzene	118-74-1	420	U			200	U	380	U	360	U	220	U		
Hexachlorobutadiene	87-68-3	420	U			200	U	380	U	360	U	220	U		
Hexachlorocyclopentadiene	77-47-4	420	U			200	U	380	U	360	U	220	U		

	Address	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.	
	Top Depth	0		0		0		0		0.5		5		6	
	Sample Location	SS09		SS09		SS108		SS-12		SS-12		SB110		SB03	
	Sample ID	SS-09~A0RG2-1A70~~103102		SS-09~AA26569~~103102		80018-SS108-0006		APJ53		APJ54		80018-SB110-0507		SB03-6-7~AA26036~~102302	
	Risk Zone	D1*		D1*		D1*		D1*		D1*		D1*		D1*	
	Bottom Depth	0.25		0.25		0.5		0.5		2		7		7	
	Sample Date	10/31/2002		10/31/2002		10/16/2008		4/27/1999		4/27/1999		10/27/2008		10/23/2002	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	420	U			200	U	380	U	360	U	220	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	1700				120	J	170	J	64	J	55	J		
Isophorone	78-59-1	420	U			200	U	380	U	360	U	220	U		
Naphthalene	91-20-3	420	U	1	U	200	U	380	U	360	U	220	U	6	U
Nitrobenzene	98-95-3	420	U			200	U	380	U	360	U	220	U		
N-Nitroso-Di-N-Propylamine	621-64-7	420	U			200	U	380	UJ	360	UJ	220	U		
N-Nitrosodiphenylamine	86-30-6	420	U			200	U					220	U		
Pentachlorophenol	87-86-5	1100	U			380	U	940	U	900	U	430	U		
Phenanthrene	85-01-8	1500				260		240	J	74	J	93	J		
Phenol	108-95-2	420	U			200	U	380	U	360	U	220	U		
Pyrene	129-00-0	3100	D			390		620		180	J	170	J		

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	172 Newbury St.		172 Newbury St.		174 Monroe Ave.		174 Monroe Ave.		175 Academy Ave.		195 Beecher Ave.		195 Beecher Ave.		195 Beecher Ave.		196 Monroe Ave.	
	Top Depth	0		0.5		0		2		0		0		0		10		0	
	Sample Location	SS-47		SS-47		SS135		SB134		SS105		SB85		SS76		SB85		SS136	
	Sample ID	APK28		APK29		80018-SS135-0006		80018-SB134-0203		80018-SS105-0006		S-051404-JR-018		SS-051404-DK-034		S-051404-JR-028		80018-SS136-0006	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		C		C		A		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C	
	Bottom Depth	0.5		2		0.5		3		0.5		4		0.5		15		0.5	
	Sample Date	4/28/1999		4/28/1999		10/22/2008		11/12/2008		10/16/2008		5/14/2004		5/14/2004		5/14/2004		10/15/2008	
	Sample Type	N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																		
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4					210	U	39	J	350	U							200	U
1,2,4,5-Tetrachlorobenzene	95-94-3					210	U	210	U	350	U							200	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
2,3,4,6-Tetrachlorophenol	58-90-2					210	U	210	U	350	U							200	U
2,4,5-Trichlorophenol	95-95-4	990	U	1100	U	210	U	210	U	350	U	1700	U	7400	U	1900	U	200	U
2,4,6-Trichlorophenol	88-06-2	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
2,4-Dichlorophenol	120-83-2	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
2,4-Dimethylphenol	105-67-9	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
2,4-Dinitrophenol	51-28-5	990	U	1100	U	410	U	410	UJ	670	U	1700	UJ	7400	U	1900	UJ	400	U
2,4-Dinitrotoluene	121-14-2	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
2,6-Dinitrotoluene	606-20-2	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
2-Chloronaphthalene	91-58-7	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
2-Chlorophenol	95-57-8	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
2-Methylnaphthalene	91-57-6	390	U	430	U	210	U	37	J	350	U	360	U	1500	U	390	U	200	U
2-Methylphenol	95-48-7	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
2-Nitroaniline	88-74-4	990	U	1100	U	410	U	410	U	670	U	1700	U	7400	U	1900	U	400	U
2-Nitrophenol	88-75-5	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
3,3'-Dichlorobenzidine	91-94-1	390	U	430	U	210	U	210	U	350	U	710	UJ	3000	U	780	UJ	200	U
3-Nitroaniline	99-09-2	990	U	1100	U	410	U	410	U	670	U	1700	U	7400	U	1900	U	400	U
4,6-Dinitro-2-Methylphenol	534-52-1	990	U	1100	U	410	U	410	U	670	U	1700	U	7400	U	1900	U	400	U
4-Bromophenyl-Phenylether	101-55-3	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
4-Chloro-3-Methylphenol	59-50-7	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
4-Chloroaniline	106-47-8	390	UJ	430	UJ	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
4-Chlorophenyl-Phenylether	7005-72-3	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
4-Methylphenol	106-44-5	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
4-Nitroaniline	100-01-6	990	U	1100	U	410	U	410	U	670	U	710	U	3000	U	780	U	400	U
4-Nitrophenol	100-02-7	990	U	1100	U	410	U	410	U	670	U	1700	U	7400	U	1900	U	400	U
Acenaphthene	83-32-9	390	U	430	U	35	J	650		350	U	360	U	300	J	390	U	200	U
Acenaphthylene	208-96-8	390	U	430	U	190	J	150	J	190	J	130	J	480	J	390	U	41	J
Acetophenone	98-86-2					210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Anthracene	120-12-7	390	U	430	U	140	J	2300		120	J	100	J	730	J	390	U	31	J
Atrazine	1912-24-9					210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Benzaldehyde	100-52-7					210	U	210	U	350	U	360	UJ	1500	UJ	390	UJ	200	U
Benzo(A)Anthracene	56-55-3	68	J	60	J	870		4500	D	830		140	J	3000		390	U	200	J
Benzo(A)Pyrene	50-32-8	67	J	430	U	1100		4300	D	1100		160	J	3300		390	U	290	
Benzo(B)Fluoranthene	205-99-2	130	J	67	J	1700	J	5300	D	1700	J	170	J	4300		390	U	350	J
Benzo(G,H,I)Perylene	191-24-2	82	J	430	U	170	J	710	J	300	J	83	J	2800		390	U	250	J
Benzo(K)Fluoranthene	207-08-9	72	J	45	J	1100		3500	D	1200		140	J	2900		390	U	300	
Bis(2-Chloroethoxy)Methane	111-91-1	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Bis(2-Chloroethyl)Ether	111-44-4	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	140	J	270	J	210	U	150	J	350	U	360	U	210	J	390	U	200	U
Butylbenzylphthalate	85-68-7	390	U	430	U	45	J EB	46	J	64	J	360	U	1500	U	390	U	21	J
Caprolactam	105-60-2					42	J	210	U	350	U	360	U	1500	U	390	U	200	U
Carbazole	86-74-8	390	U	430	U	170	J	1700		150	J	360	U	720	J	390	U	39	J
Chrysene	218-01-9	130	J	65	J	1300		5300	D	1400		180	J	4400		390	U	330	
Dibenz(A,H)Anthracene	53-70-3	390	U	430	U	60	J	270	J	96	J	43	J	1100	J	390	U	57	J
Dibenzofuran	132-64-9	390	U	430	U	30	J	490		350	U	360	U	200	J	390	U	200	U
Diethylphthalate	84-66-2	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Dimethylphthalate	131-11-3	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Di-N-Butyl Phthalate	84-74-2	390	U	430	U	210	U	210	U	120	J	360	U	1500	U	390	U	200	U
Di-N-Octyl Phthalate	117-84-0	390	U	430	U	210	U	210	UJ	350	U	360	U	1500	U	390	U	200	U
Fluoranthene	206-44-0	200	J	110	J	2500		19000	D	2700		290	J	10000		390	U	610	
Fluorene	86-73-7	390	U	430	U	59	J	860		59	J	360	U	340	J	390	U	200	U
Hexachlorobenzene	118-74-1	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Hexachlorobutadiene	87-68-3	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Hexachlorocyclopentadiene	77-47-4	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U

	Address	172 Newbury St.		172 Newbury St.		174 Monroe Ave.		174 Monroe Ave.		175 Academy Ave.		195 Beecher Ave.		195 Beecher Ave.		195 Beecher Ave.		196 Monroe Ave.	
	Top Depth	0		0.5		0		2		0		0		0		10		0	
	Sample Location	SS-47		SS-47		SS135		SB134		SS105		SB85		SS76		SB85		SS136	
	Sample ID	APK28		APK29		80018-SS135-0006		80018-SB134-0203		80018-SS105-0006		S-051404-JR-018		SS-051404-DK-034		S-051404-JR-028		80018-SS136-0006	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		C		C		A		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C	
	Bottom Depth	0.5		2		0.5		3		0.5		4		0.5		15		0.5	
	Sample Date	4/28/1999		4/28/1999		10/22/2008		11/12/2008		10/16/2008		5/14/2004		5/14/2004		5/14/2004		10/15/2008	
	Sample Type	N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																		
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Indeno(1,2,3-CD)Pyrene	193-39-5	76	J	430	U	220		790	J	360		87	J	2600		390	U	240	
Isophorone	78-59-1	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Naphthalene	91-20-3	390	U	430	U	27	J	74	J	350	U	360	U	1500	U	390	U	200	U
Nitrobenzene	98-95-3	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
N-Nitroso-Di-N-Propylamine	621-64-7	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
N-Nitrosodiphenylamine	86-30-6					210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Pentachlorophenol	87-86-5	990	U	1100	U	410	U	410	U	670	U	1700	UJ	7400	U	1900	UJ	400	U
Phenanthrene	85-01-8	80	J	430	U	1300		13000	D	1200		120	J	5800		390	U	320	
Phenol	108-95-2	390	U	430	U	210	U	210	U	350	U	360	U	1500	U	390	U	200	U
Pyrene	129-00-0	220	J	120	J	1700		9000	D	1600		250	J	7300		390	U	570	

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	196 Monroe Ave.		197 Academy Ave.		197 Academy Ave.		204 Monroe Ave.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.	
	Top Depth	5		0		4		0		0		0		0		18		0.5		6	
	Sample Location	SB135		SS106		SB105		SS137		SS41		SS41		SS110		SB114		SB42		SB42	
	Sample ID	80018-SB135-0507		80018-SS106-0006		80018-SB105-0405		80018-SS137-0006		S-051904-DK-115		S-051904-DK-116		80018-SS110-0006		80018-SB114-1820		S-051804-DK-113		S-051804-DK-114	
	Risk Zone	C		B		B		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	7		0.5		5		0.5		0.5		0.5		0.5		20		4		8	
	Sample Date	11/4/2008		10/16/2008		11/12/2008		10/15/2008		5/19/2004		5/19/2004		10/16/2008		10/31/2008		5/18/2004		5/18/2004	
	Sample Type	N		N		N		N		N		FD		N		N		N		N	
	Field Duplicate Parent											S-051904-DK-115									
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	220	U	280	U	200	U	220	U					80	J	110	J				
1,2,4,5-Tetrachlorobenzene	95-94-3	220	U	280	U	200	U	220	U					210	U	210	U				
2,2'-Oxybis(1-Chloropropane)	108-60-1	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
2,3,4,6-Tetrachlorophenol	58-90-2	220	U	280	U	200	U	220	U					210	U	210	U				
2,4,5-Trichlorophenol	95-95-4	220	U	280	U	200	U	220	U	3600	U	3800	U	210	U	210	U	3500	U	2100	U
2,4,6-Trichlorophenol	88-06-2	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
2,4-Dichlorophenol	120-83-2	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
2,4-Dimethylphenol	105-67-9	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
2,4-Dinitrophenol	51-28-5	430	UJ	540	U	400	U	430	U	3600	U	3800	U	400	U	400	U	3500	U	2100	U
2,4-Dinitrotoluene	121-14-2	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
2,6-Dinitrotoluene	606-20-2	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
2-Chloronaphthalene	91-58-7	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
2-Chlorophenol	95-57-8	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
2-Methylnaphthalene	91-57-6	220	U	280	U	200	U	220	U	740	U	780	U	170	J	410		720	U	430	U
2-Methylphenol	95-48-7	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
2-Nitroaniline	88-74-4	430	U	540	U	400	U	430	U	3600	U	3800	U	400	U	400	U	3500	U	2100	U
2-Nitrophenol	88-75-5	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
3,3'-Dichlorobenzidine	91-94-1	220	U	280	U	200	U	220	U	1500	U	1600	U	210	U	210	U	1400	U	860	U
3-Nitroaniline	99-09-2	430	U	540	U	400	U	430	U	3600	U	3800	U	400	U	400	U	3500	U	2100	U
4,6-Dinitro-2-Methylphenol	534-52-1	430	UJ	540	U	400	U	430	U	3600	U	3800	U	400	U	400	U	3500	U	2100	U
4-Bromophenyl-Phenylether	101-55-3	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
4-Chloro-3-Methylphenol	59-50-7	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
4-Chloroaniline	106-47-8	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
4-Chlorophenyl-Phenylether	7005-72-3	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
4-Methylphenol	106-44-5	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
4-Nitroaniline	100-01-6	430	U	540	U	400	U	430	U	1500	U	1600	U	400	U	400	U	1400	U	860	U
4-Nitrophenol	100-02-7	430	U	540	U	400	U	430	U	3600	U	3800	U	400	U	400	U	3500	U	2100	U
Acenaphthene	83-32-9	220	U	280	U	200	U	220	U	740	U	780	U	690		210	U	720	U	230	J
Acenaphthylene	208-96-8	220	U	69	J	200	U	220	U	67	J	57	J	570		210	U	110	J	98	J
Acetophenone	98-86-2	220	U	280	U	200	U	220	U	740	U	780	U	35	J	210	U	720	U	430	U
Anthracene	120-12-7	220	U	44	J	200	U	220	U	55	J	53	J	2300		210	U	110	J	110	J
Atrazine	1912-24-9	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Benzaldehyde	100-52-7	220	U	280	U	200	U	220	U	740	U	130	J	210	U	210	U	720	UJ	430	UJ
Benzo(A)Anthracene	56-55-3	220	U	230	J	200	U	41	J	170	J	150	J	3500	D	210	U	360	J	34	J
Benzo(A)Pyrene	50-32-8	220	U	350		200	U	60	J	200	J	170	J	3700	D	210	U	350	J	37	J
Benzo(B)Fluoranthene	205-99-2	220	U	510	J	200	U	81	J	410	J	360	J	4700	DJ	210	U	370	J	430	U
Benzo(G,H,I)Perylene	191-24-2	220	U	110	J	200	U	56	J	150	J	150	J	950	J	210	U	180	J	24	J
Benzo(K)Fluoranthene	207-08-9	220	U	320		200	U	61	J	740	UJ	780	UJ	3000	D	210	U	320	J	430	U
Bis(2-Chloroethoxy)Methane	111-91-1	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Bis(2-Chloroethyl)Ether	111-44-4	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	70	J	280	U	200	U	220	U	150	J	160	J	470		24	JB	360	J	430	U
Butylbenzylphthalate	85-68-7	220	U	42	J	200	U	220	U	620	J	510	J	3200	D	210	U	980		430	U
Caprolactam	105-60-2	34	J	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Carbazole	86-74-8	220	U	41	J	200	U	220	U	740	U	780	U	1500		210	U	720	U	430	U
Chrysene	218-01-9	220	U	420		200	U	77	J	250	J	240	J	4200	D	210	U	410	J	42	J
Dibenz(A,H)Anthracene	53-70-3	220	U	37	J	200	UJ	220	U	55	J	57	J	290	J	210	U	89	J	430	U
Dibenzofuran	132-64-9	220	U	280	U	200	U	220	U	740	U	780	U	730		210	U	720	U	230	J
Diethylphthalate	84-66-2	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Dimethylphthalate	131-11-3	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Di-N-Butyl Phthalate	84-74-2	220	U	280	U	200	U	220	U	98	J	83	J	500		210	U	270	J	21	J
Di-N-Octyl Phthalate	117-84-0	220	UJ	280	U	200	U	220	U	740	U	780	U	210	UJ	210	U	720	U	430	U
Fluoranthene	206-44-0	24	J	690		200	U	130	J	390	J	340	J	11000	D	210	U	770		85	J
Fluorene	86-73-7	220	U	280	U	200	U	220	U	740	U	780	U	1300		110	J	720	U	640	
Hexachlorobenzene	118-74-1	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Hexachlorobutadiene	87-68-3	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Hexachlorocyclopentadiene	77-47-4	220	U	280	U	200	U	220	U	740	U	780	U	210	UJ	210	U	720	U	430	U

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	196 Monroe Ave.		197 Academy Ave.		197 Academy Ave.		204 Monroe Ave.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.	
	Top Depth	5		0		4		0		0		0		0		18		0.5		6	
	Sample Location	SB135		SS106		SB105		SS137		SS41		SS41		SS110		SB114		SB42		SB42	
	Sample ID	80018-SB135-0507		80018-SS106-0006		80018-SB105-0405		80018-SS137-0006		S-051904-DK-115		S-051904-DK-116		80018-SS110-0006		80018-SB114-1820		S-051804-DK-113		S-051804-DK-114	
	Risk Zone	C		B		B		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	7		0.5		5		0.5		0.5		0.5		0.5		20		4		8	
	Sample Date	11/4/2008		10/16/2008		11/12/2008		10/15/2008		5/19/2004		5/19/2004		10/16/2008		10/31/2008		5/18/2004		5/18/2004	
	Sample Type	N		N		N		N		N		FD		N		N		N		N	
	Field Duplicate Parent											S-051904-DK-115									
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Indeno(1,2,3-CD)Pyrene	193-39-5	220	U	130	J	200	UJ	51	J	160	J	130	J	970	J	210	U	190	J	25	J
Isophorone	78-59-1	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Naphthalene	91-20-3	220	U	280	U	200	U	220	U	740	U	780	U	260		62	J	720	U	48	J
Nitrobenzene	98-95-3	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
N-Nitroso-Di-N-Propylamine	621-64-7	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
N-Nitrosodiphenylamine	86-30-6	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Pentachlorophenol	87-86-5	430	U	540	U	400	UJ	430	U	3600	U	3800	U	400	U	400	U	3500	U	2100	U
Phenanthrene	85-01-8	220	U	340		200	U	69	J	160	J	140	J	8400	D	270		320	J	1400	J
Phenol	108-95-2	220	U	280	U	200	U	220	U	740	U	780	U	210	U	210	U	720	U	430	U
Pyrene	129-00-0	23	J	550		200	U	140	J	370	J	290	J	6800	D	30	J	600	J	190	J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	211 Monroe Ave.		211 Monroe Ave.		212 Monroe Ave.		212 Monroe Ave.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.	
	Top Depth	0		0.5		0		5		0		0		0		5	
	Sample Location	SS-50		SS-50		SS138		SB136		SB41		SS111		SS112		SB113	
	Sample ID	APK35		APK36		80018-SS138-0006		80018-SB136-0507		S-18281-051304-JR-037		80018-SS-111-0006		80018-SS112-0006		80018-SB113-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		C		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		2		0.5		7		2		0.5		0.5		7	
	Sample Date	4/28/1999		4/28/1999		10/15/2008		11/3/2008		5/13/2004		10/20/2008		10/20/2008		10/28/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4					220	U	190	U			200	U	26	J	180	U
1,2,4,5-Tetrachlorobenzene	95-94-3					220	U	190	U			200	U	220	U	180	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
2,3,4,6-Tetrachlorophenol	58-90-2					220	U	190	U			200	U	220	U	180	U
2,4,5-Trichlorophenol	95-95-4	1000	U	1100	U	220	U	190	U	3800	U	200	U	220	U	180	U
2,4,6-Trichlorophenol	88-06-2	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
2,4-Dichlorophenol	120-83-2	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
2,4-Dimethylphenol	105-67-9	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
2,4-Dinitrophenol	51-28-5	1000	U	1100	U	420	U	360	UJ	3800	UJ	390	U	430	U	350	U
2,4-Dinitrotoluene	121-14-2	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
2,6-Dinitrotoluene	606-20-2	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
2-Chloronaphthalene	91-58-7	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
2-Chlorophenol	95-57-8	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
2-Methylnaphthalene	91-57-6	400	U	450	U	220	U	190	U	780	U	200	U	38	J	180	U
2-Methylphenol	95-48-7	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
2-Nitroaniline	88-74-4	1000	U	1100	U	420	U	360	U	3800	U	390	U	430	U	350	U
2-Nitrophenol	88-75-5	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
3,3'-Dichlorobenzidine	91-94-1	400	UJ	450	UJ	220	U	190	U	1600	U	200	U	220	U	180	U
3-Nitroaniline	99-09-2	1000	U	1100	U	420	U	360	U	3800	U	390	U	430	U	350	U
4,6-Dinitro-2-Methylphenol	534-52-1	1000	U	1100	U	420	U	360	UJ	3800	U	390	U	430	U	350	U
4-Bromophenyl-Phenylether	101-55-3	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
4-Chloro-3-Methylphenol	59-50-7	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
4-Chloroaniline	106-47-8	400	UJ	450	UJ	220	U	190	U	780	U	200	U	220	U	180	U
4-Chlorophenyl-Phenylether	7005-72-3	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
4-Methylphenol	106-44-5	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
4-Nitroaniline	100-01-6	1000	U	1100	U	420	U	360	U	1600	U	390	U	430	U	350	U
4-Nitrophenol	100-02-7	1000	U	1100	U	420	U	360	U	3800	U	390	U	430	U	350	U
Acenaphthene	83-32-9	400	UJ	450	U	220	U	190	U	780	U	22	J	390		180	U
Acenaphthylene	208-96-8	400	U	450	U	220	U	190	U	94	J	390		76	J	180	U
Acetophenone	98-86-2					220	U	190	U	780	U	200	U	220	U	180	U
Anthracene	120-12-7	400	U	450	U	220	U	190	U	100	J	150	J	1400		180	U
Atrazine	1912-24-9					220	U	190	U	780	U	200	U	220	U	180	U
Benzaldehyde	100-52-7					220	U	190	U	780	UJ	200	U	220	U	180	U
Benzo(A)Anthracene	56-55-3	140	J	91	J	71	J	190	U	370	J	1200	J	3100		180	U
Benzo(A)Pyrene	50-32-8	150	J	94	J	98	J	190	U	400	J	1500		3500		180	U
Benzo(B)Fluoranthene	205-99-2	240	J	130	J	110	J	190	U	470	J	2000		4800	D	180	U
Benzo(G,H,I)Perylene	191-24-2	130	J	95	J	88	J	190	U	330	J	400		670		180	U
Benzo(K)Fluoranthene	207-08-9	150	J	120	J	100	J	190	U	410	J	1600		3100		180	U
Bis(2-Chloroethoxy)Methane	111-91-1	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
Bis(2-Chloroethyl)Ether	111-44-4	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	78	J	95	J	220	U	190	U	170	J	200	U	320	B U	180	U
Butylbenzylphthalate	85-68-7	400	U	450	U	24	J	190	U	780	U	65	JEB	200	JEB	180	U
Caprolactam	105-60-2					220	U	190	U	780	U	200	U	220	U	180	U
Carbazole	86-74-8	400	U	450	U	220	U	190	U	93	J	130	J	620		180	U
Chrysene	218-01-9	230	J	170	J	110	J	190	U	640	J	1900	J	3900	D	180	U
Dibenz(A,H)Anthracene	53-70-3	57	J	450	U	220	U	190	U	140	J	150	J	260		180	U
Dibenzofuran	132-64-9	400	U	450	U	220	U	190	U	780	U	21	J	260		180	U
Diethylphthalate	84-66-2	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
Dimethylphthalate	131-11-3	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
Di-N-Butyl Phthalate	84-74-2	400	U	46	J	220	U	190	U	780	U	60	J	110	J	180	U
Di-N-Octyl Phthalate	117-84-0	55	J	450	U	220	U	190	UJ	780	U	200	UJ	220	UJ	180	U
Fluoranthene	206-44-0	410		260	J	180	J	190	U	890		3100	E J	12000	D	180	U
Fluorene	86-73-7	400	U	450	U	220	U	190	U	780	U	43	J	460		180	U
Hexachlorobenzene	118-74-1	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
Hexachlorobutadiene	87-68-3	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
Hexachlorocyclopentadiene	77-47-4	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U

	Address	211 Monroe Ave.		211 Monroe Ave.		212 Monroe Ave.		212 Monroe Ave.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.	
	Top Depth	0		0.5		0		5		0		0		0		5	
	Sample Location	SS-50		SS-50		SS138		SB136		SB41		SS111		SS112		SB113	
	Sample ID	APK35		APK36		80018-SS138-0006		80018-SB136-0507		S-18281-051304-JR-037		80018-SS-111-0006		80018-SS112-0006		80018-SB113-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		C		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		2		0.5		7		2		0.5		0.5		7	
	Sample Date	4/28/1999		4/28/1999		10/15/2008		11/3/2008		5/13/2004		10/20/2008		10/20/2008		10/28/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
Indeno(1,2,3-CD)Pyrene	193-39-5	140	J	94	J	81	J	190	U	290	J	520		790		180	U
Isophorone	78-59-1	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
Naphthalene	91-20-3	400	U	450	U	220	U	190	U	780	U	26	J	50	J	180	U
Nitrobenzene	98-95-3	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
N-Nitroso-Di-N-Propylamine	621-64-7	400	UJ	450	U	220	U	190	U	780	U	200	U	220	U	180	U
N-Nitrosodiphenylamine	86-30-6					220	U	190	U	780	U	200	U	220	U	180	U
Pentachlorophenol	87-86-5	1000	U	1100	U	420	U	360	U	3800	U	390	U	430	U	350	U
Phenanthrene	85-01-8	220	J	150	J	88	J	190	U	450	J	1500		6100	E D	180	U
Phenol	108-95-2	400	U	450	U	220	U	190	U	780	U	200	U	220	U	180	U
Pyrene	129-00-0	410	J	310	J	180	J	190	U	730	J	2100	J	5600	D	180	UJ

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	219 Meriden Rd.		219 Meriden Rd.		224 Monroe Ave.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.	
	Top Depth	5		11		0		0		0.5		5		10	
	Sample Location	SB41		SB41		SS139		SS-54		SS-54		SB115		SB116	
	Sample ID	S-18281-051304-JR-039		S-18281-051304-JR-051		80018-SS139-0006		APK43		APK44		80018-SB115-0507		80018-SB116-1012	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	8		15		0.5		0.5		2		7		12	
	Sample Date	5/13/2004		5/13/2004		10/8/2008		4/28/1999		4/28/1999		10/28/2008		10/28/2008	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4					200	U					200	U	290	U
1,2,4,5-Tetrachlorobenzene	95-94-3					200	U					200	U	290	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	720	U	360	U	200	U	390	U	400	U	200	U	290	U
2,3,4,6-Tetrachlorophenol	58-90-2					200	U					200	U	290	U
2,4,5-Trichlorophenol	95-95-4	3500	U	1700	U	200	U	990	U	1000	U	200	U	290	U
2,4,6-Trichlorophenol	88-06-2	720	U	360	U	200	U	390	U	400	U	200	U	290	U
2,4-Dichlorophenol	120-83-2	720	U	360	U	200	U	390	U	400	U	200	U	290	U
2,4-Dimethylphenol	105-67-9	720	U	360	U	200	U	390	U	400	U	200	U	290	U
2,4-Dinitrophenol	51-28-5	3500	UJ	1700	UJ	390	U	990	UJ	1000	U	390	U	560	U
2,4-Dinitrotoluene	121-14-2	720	U	360	U	200	U	390	U	400	U	200	U	290	U
2,6-Dinitrotoluene	606-20-2	720	U	360	U	200	U	390	U	400	U	200	U	290	U
2-Chloronaphthalene	91-58-7	720	U	360	U	200	U	390	U	400	U	200	U	290	U
2-Chlorophenol	95-57-8	720	U	360	U	200	U	390	U	400	U	200	U	290	U
2-Methylnaphthalene	91-57-6	720	U	360	U	200	U	390	U	400	U	200	U	35	J
2-Methylphenol	95-48-7	720	U	360	U	200	U	390	U	400	U	200	U	290	U
2-Nitroaniline	88-74-4	3500	U	1700	U	390	U	990	U	1000	U	390	U	560	U
2-Nitrophenol	88-75-5	720	U	360	U	200	U	390	U	400	U	200	U	290	U
3,3'-Dichlorobenzidine	91-94-1	1400	UJ	710	UJ	200	U	390	U	400	UJ	200	U	290	U
3-Nitroaniline	99-09-2	3500	U	1700	U	390	U	990	U	1000	U	390	U	560	U
4,6-Dinitro-2-Methylphenol	534-52-1	3500	U	1700	U	390	U	990	U	1000	U	390	U	560	U
4-Bromophenyl-Phenylether	101-55-3	720	U	360	U	200	U	390	U	400	U	200	U	290	U
4-Chloro-3-Methylphenol	59-50-7	720	U	360	U	200	U	390	U	400	U	200	U	290	U
4-Chloroaniline	106-47-8	720	U	360	U	200	U	390	UJ	400	UJ	200	U	290	U
4-Chlorophenyl-Phenylether	7005-72-3	720	U	360	U	200	U	390	U	400	U	200	U	290	U
4-Methylphenol	106-44-5	69	J	360	U	200	U	390	U	400	U	200	U	290	U
4-Nitroaniline	100-01-6	1400	U	710	U	390	U	990	UJ	1000	U	390	U	560	U
4-Nitrophenol	100-02-7	3500	U	1700	U	390	U	990	UJ	1000	U	390	U	560	U
Acenaphthene	83-32-9	720	U	360	U	200	U	390	U	42	J	200	U	290	U
Acenaphthylene	208-96-8	720	U	360	U	29	J	60	J	400	U	200	U	290	U
Acetophenone	98-86-2	720	U	360	U	200	U					200	U	58	J
Anthracene	120-12-7	720	U	360	U	200	U	110	J	100	J	200	U	290	U
Atrazine	1912-24-9	720	U	360	U	200	U					200	U	290	U
Benzaldehyde	100-52-7	720	UJ	360	UJ	200	U					200	U	290	U
Benzo(A)Anthracene	56-55-3	54	J	360	U	140	J	590		450		200	U	40	J
Benzo(A)Pyrene	50-32-8	55	J	360	U	170	J	480		340	J	200	U	33	J
Benzo(B)Fluoranthene	205-99-2	720	U	360	U	210	J	730		440	J	200	U	66	J
Benzo(G,H,I)Perylene	191-24-2	720	U	360	U	140	J	530	J	260	J	200	U	290	U
Benzo(K)Fluoranthene	207-08-9	720	U	360	U	150	J	300	J	320	J	200	U	290	U
Bis(2-Chloroethoxy)Methane	111-91-1	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Bis(2-Chloroethyl)Ether	111-44-4	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	86	J	360	U	200	U	160	J	400	U	200	U	81	J
Butylbenzylphthalate	85-68-7	720	U	360	U	21	J	41	J	400	U	200	U	37	J
Caprolactam	105-60-2	720	U	360	U	200	U					200	U	290	U
Carbazole	86-74-8	720	U	360	U	200	U	76	J	69	J	200	U	290	U
Chrysene	218-01-9	75	J	360	U	200	J	650		470		200	U	110	J
Dibenz(A,H)Anthracene	53-70-3	720	U	360	U	38	J	140	J	110	J	200	U	290	U
Dibenzofuran	132-64-9	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Diethylphthalate	84-66-2	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Dimethylphthalate	131-11-3	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Di-N-Butyl Phthalate	84-74-2	720	U	18	J	200	U	53	J	42	J	200	U	290	U
Di-N-Octyl Phthalate	117-84-0	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Fluoranthene	206-44-0	720	U	360	U	350		1200		940		200	U	57	J
Fluorene	86-73-7	720	U	360	U	200	U	47	J	400	U	200	U	290	U
Hexachlorobenzene	118-74-1	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Hexachlorobutadiene	87-68-3	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Hexachlorocyclopentadiene	77-47-4	720	U	360	U	200	U	390	UJ	400	U	200	U	290	U

	Address	219 Meriden Rd.		219 Meriden Rd.		224 Monroe Ave.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.	
	Top Depth	5		11		0		0		0.5		5		10	
	Sample Location	SB41		SB41		SS139		SS-54		SS-54		SB115		SB116	
	Sample ID	S-18281-051304-JR-039		S-18281-051304-JR-051		80018-SS139-0006		APK43		APK44		80018-SB115-0507		80018-SB116-1012	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	8		15		0.5		0.5		2		7		12	
	Sample Date	5/13/2004		5/13/2004		10/8/2008		4/28/1999		4/28/1999		10/28/2008		10/28/2008	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Indeno(1,2,3-CD)Pyrene	193-39-5	720	U	360	U	140	J	420		290	J	200	U	290	U
Isophorone	78-59-1	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Naphthalene	91-20-3	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Nitrobenzene	98-95-3	720	U	360	U	200	U	390	U	400	U	200	U	290	U
N-Nitroso-Di-N-Propylamine	621-64-7	720	U	360	U	200	U	390	U	400	U	200	U	290	U
N-Nitrosodiphenylamine	86-30-6	720	U	360	U	200	U					200	U	290	U
Pentachlorophenol	87-86-5	3500	U	1700	U	390	U	990	UJ	1000	U	390	U	560	U
Phenanthrene	85-01-8	720	U	360	U	160	J	750		520		200	U	97	J
Phenol	108-95-2	720	U	360	U	200	U	390	U	400	U	200	U	290	U
Pyrene	129-00-0	720	U	360	U	340		1100		800		200	UJ	48	J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	231 Meriden Rd.		231 Meriden Rd.		231 Meriden Rd.		232 Monroe Ave.		232 Monroe Ave.		25 Atwood Ave.		29 Radcliffe Ave.		29 Radcliffe Ave.	
	Top Depth	5		5		5		0		10		0		0		0.5	
	Sample Location	SB117		SB118		SB118		SS140		SB137		SS43		SS-48		SS-48	
	Sample ID	80018-SB117-0507		80018-DUP108-0507		80018-SB118-0507		80018-SS140-0006		80018-SB137-1012		SS-051204-DK-008		APK30		APK31	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	7		7		7		0.5		12		0.5		0.5		2	
	Sample Date	10/24/2008		10/30/2008		10/30/2008		10/15/2008		11/3/2008		5/12/2004		4/28/1999		4/28/1999	
	Sample Type	N		FD		N		N		N		N		N		N	
	Field Duplicate Parent			80018-SB118-0507													
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	220	U	51	J	25	J	210	U	190	U						
1,2,4,5-Tetrachlorobenzene	95-94-3	220	U	210	U	210	U	210	U	190	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
2,3,4,6-Tetrachlorophenol	58-90-2	220	U	210	U	210	U	210	U	190	U						
2,4,5-Trichlorophenol	95-95-4	220	U	210	U	210	U	210	U	190	U	1800	U	1100	U	1100	U
2,4,6-Trichlorophenol	88-06-2	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
2,4-Dichlorophenol	120-83-2	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
2,4-Dimethylphenol	105-67-9	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
2,4-Dinitrophenol	51-28-5	430	U	410	U	400	U	410	U	380	UJ	1800	UJ	1100	U	1100	U
2,4-Dinitrotoluene	121-14-2	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
2,6-Dinitrotoluene	606-20-2	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
2-Chloronaphthalene	91-58-7	220	U	210	U	210	U	210	U	190	U	380	UJ	450	U	440	U
2-Chlorophenol	95-57-8	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
2-Methylnaphthalene	91-57-6	220	U	140	J	73	J	210	U	190	U	380	U	450	U	440	U
2-Methylphenol	95-48-7	220	U	210	U	210	U	210	U	190	U	380	UJ	450	U	440	U
2-Nitroaniline	88-74-4	430	U	410	U	400	U	410	U	380	U	1800	U	1100	U	1100	U
2-Nitrophenol	88-75-5	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
3,3'-Dichlorobenzidine	91-94-1	220	U	210	U	210	U	210	U	190	U	750	UJ	450	U	440	U
3-Nitroaniline	99-09-2	430	U	410	U	400	U	410	U	380	U	1800	U	1100	U	1100	U
4,6-Dinitro-2-Methylphenol	534-52-1	430	U	410	U	400	U	410	U	380	UJ	1800	U	1100	U	1100	U
4-Bromophenyl-Phenylether	101-55-3	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
4-Chloro-3-Methylphenol	59-50-7	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
4-Chloroaniline	106-47-8	220	U	210	U	210	U	210	U	190	U	380	U	450	UJ	440	UJ
4-Chlorophenyl-Phenylether	7005-72-3	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
4-Methylphenol	106-44-5	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
4-Nitroaniline	100-01-6	430	U	410	U	400	U	410	U	380	U	750	U	1100	U	1100	U
4-Nitrophenol	100-02-7	430	U	410	U	400	U	410	U	380	U	1800	U	1100	U	1100	U
Acenaphthene	83-32-9	220	U	360		160	J	210	U	190	U	20	J	450	U	440	U
Acenaphthylene	208-96-8	47	J	210	U	210	U	49	J	190	U	63	J	450	U	440	U
Acetophenone	98-86-2	220	U	210	U	210	U	210	U	190	U	380	U				
Anthracene	120-12-7	220	U	700		320		35	J	190	U	110	J	450	U	440	U
Atrazine	1912-24-9	220	U	210	U	210	U	210	U	190	U	380	U				
Benzaldehyde	100-52-7	49	J	210	U	210	U	210	U	190	U	380	UJ				
Benzo(A)Anthracene	56-55-3	57	J	2500		1000		270		190	U	520		200	J	77	J
Benzo(A)Pyrene	50-32-8	110	J	2400		960		320		190	U	630		190	J	77	J
Benzo(B)Fluoranthene	205-99-2	170	J	2200	D	1400		350	J	190	U	710		320	J	140	J
Benzo(G,H,I)Perylene	191-24-2	150	J	400		160	J	210	J	190	U	350	J	140	J	67	J
Benzo(K)Fluoranthene	207-08-9	87	J	2400		950		280		190	U	520		200	J	89	J
Bis(2-Chloroethoxy)Methane	111-91-1	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
Bis(2-Chloroethyl)Ether	111-44-4	220	U	210	U	210	U	210	U	190	U	380	UJ	450	U	440	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	25	JEB	100	JB	99	JB	210	U	190	U	380	U	220	J	82	J
Butylbenzylphthalate	85-68-7	220	U	210	U	41	J	210	U	21	EB	380	U	450	U	440	U
Caprolactam	105-60-2	220	U	210	U	210	U	210	U	190	U	380	U				
Carbazole	86-74-8	220	U	260		110	J	27	J	190	U	75	J	450	U	440	U
Chrysene	218-01-9	87	J	3000		1200		350		190	U	650		330	J	120	J
Dibenz(A,H)Anthracene	53-70-3	28	J	130	J	56	J	62	J	190	U	160	J	61	J	440	U
Dibenzofuran	132-64-9	220	U	230		96	J	210	U	190	U	380	U	450	U	440	U
Diethylphthalate	84-66-2	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
Dimethylphthalate	131-11-3	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
Di-N-Butyl Phthalate	84-74-2	220	U	24	J	26	J	210	U	190	U	18	J	450	U	440	U
Di-N-Octyl Phthalate	117-84-0	220	U	210	U	210	U	210	U	190	UJ	380	U	450	U	440	U
Fluoranthene	206-44-0	110	J	5500	D	2800		600		190	U	1600		530		170	J
Fluorene	86-73-7	220	U	220		120	J	210	U	190	U	31	J	450	U	440	U
Hexachlorobenzene	118-74-1	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
Hexachlorobutadiene	87-68-3	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
Hexachlorocyclopentadiene	77-47-4	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U

	Address	231 Meriden Rd.		231 Meriden Rd.		231 Meriden Rd.		232 Monroe Ave.		232 Monroe Ave.		25 Atwood Ave.		29 Radcliffe Ave.		29 Radcliffe Ave.	
	Top Depth	5		5		5		0		10		0		0		0.5	
	Sample Location	SB117		SB118		SB118		SS140		SB137		SS43		SS-48		SS-48	
	Sample ID	80018-SB117-0507		80018-DUP108-0507		80018-SB118-0507		80018-SS140-0006		80018-SB137-1012		SS-051204-DK-008		APK30		APK31	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	7		7		7		0.5		12		0.5		0.5		2	
	Sample Date	10/24/2008		10/30/2008		10/30/2008		10/15/2008		11/3/2008		5/12/2004		4/28/1999		4/28/1999	
	Sample Type	N		FD		N		N		N		N		N		N	
	Field Duplicate Parent			80018-SB118-0507													
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	220	U	210	U	210	U	210	U	190	U	380	UJ	450	U	440	U
Indeno(1,2,3-CD)Pyrene	193-39-5	130	J	500		190	J	230		190	U	360	J	190	J	78	J
Isophorone	78-59-1	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
Naphthalene	91-20-3	220	U	74	J	41	J	210	U	190	U	380	UJ	450	U	440	U
Nitrobenzene	98-95-3	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
N-Nitroso-Di-N-Propylamine	621-64-7	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
N-Nitrosodiphenylamine	86-30-6	220	U	210	U	210	U	210	U	190	U	380	U				
Pentachlorophenol	87-86-5	430	U	410	U	400	U	410	U	380	U	R		1100	U	1100	U
Phenanthrene	85-01-8	23	J	3500	D	1700		230		190	U	590		210	J	73	J
Phenol	108-95-2	220	U	210	U	210	U	210	U	190	U	380	U	450	U	440	U
Pyrene	129-00-0	120	J	3200		1300		560		190	U	1200		500		200	J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	299 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.
	Top Depth	5	0	0	0	0.5	5	5	10	14
	Sample Location	SB124	SS116	SS117	SS37	SB37	SB125	SB37	SB37	SB126
	Sample ID	80018-SB124-0507	80018-SS116-0002	80018-SS117-0002	S-052004-DK-144	S-051204-JR-011	80018-SB125-0507	S-051204-JR-013	S-051204-JR-015	80018-SB126-1416
	Risk Zone	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste
	Bottom Depth	7	2	0.5	0.5	4	7	10	15	16
	Sample Date	10/23/2008	10/23/2008	10/24/2008	5/20/2004	5/12/2004	10/23/2008	5/12/2004	5/12/2004	10/24/2008
	Sample Type	N	N	N	N	N	N	N	N	N
	Field Duplicate Parent									
	Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
1,1'-Biphenyl	92-52-4	170 U	180 U	190 U			170 U			170 U
1,2,4,5-Tetrachlorobenzene	95-94-3	170 U	180 U	190 U			170 U			170 U
2,2'-Oxybis(1-Chloropropane)	108-60-1	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
2,3,4,6-Tetrachlorophenol	58-90-2	170 U	180 U	190 U			170 U			170 U
2,4,5-Trichlorophenol	95-95-4	170 U	180 U	190 U	3900 U	1600 U	170 U	1600 U	1600 U	170 U
2,4,6-Trichlorophenol	88-06-2	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
2,4-Dichlorophenol	120-83-2	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
2,4-Dimethylphenol	105-67-9	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
2,4-Dinitrophenol	51-28-5	340 U	350 U	370 U	3900 U	1600 UJ	330 U	1600 UJ	1600 UJ	330 U
2,4-Dinitrotoluene	121-14-2	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
2,6-Dinitrotoluene	606-20-2	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
2-Chloronaphthalene	91-58-7	170 U	180 U	190 U	810 U	340 UJ	170 U	330 UJ	330 UJ	170 U
2-Chlorophenol	95-57-8	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
2-Methylnaphthalene	91-57-6	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
2-Methylphenol	95-48-7	170 U	180 U	190 U	810 U	340 UJ	170 U	330 UJ	330 UJ	170 U
2-Nitroaniline	88-74-4	340 U	350 U	370 U	3900 U	1600 U	330 U	1600 U	1600 U	330 U
2-Nitrophenol	88-75-5	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
3,3'-Dichlorobenzidine	91-94-1	170 U	180 U	190 U	1600 U	680 UJ	170 U	660 UJ	670 UJ	170 U
3-Nitroaniline	99-09-2	340 U	350 U	370 U	3900 U	1600 U	330 U	1600 U	1600 U	330 U
4,6-Dinitro-2-Methylphenol	534-52-1	340 U	350 U	370 U	3900 U	1600 U	330 U	1600 U	1600 U	330 U
4-Bromophenyl-Phenylether	101-55-3	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
4-Chloro-3-Methylphenol	59-50-7	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
4-Chloroaniline	106-47-8	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
4-Chlorophenyl-Phenylether	7005-72-3	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
4-Methylphenol	106-44-5	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
4-Nitroaniline	100-01-6	340 U	350 U	370 U	1600 U	680 U	330 U	660 U	670 U	330 U
4-Nitrophenol	100-02-7	340 U	350 U	370 U	3900 U	1600 U	330 U	1600 U	1600 U	330 U
Acenaphthene	83-32-9	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Acenaphthylene	208-96-8	170 U	20 J	28 J	210 J	340 U	170 U	330 U	330 U	170 U
Acetophenone	98-86-2	170 U	180 U	20 J	810 U	340 U	170 U	330 U	330 U	170 U
Anthracene	120-12-7	170 U	180 U	20 J	150 J	340 U	170 U	330 U	330 U	170 U
Atrazine	1912-24-9	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Benzaldehyde	100-52-7	170 U	180 U	190 U	810 UJ	340 UJ	170 U	330 UJ	330 UJ	30 J
Benzo(A)Anthracene	56-55-3	170 U	110 J	140 J	380 J	340 U	170 U	330 U	19 J	170 U
Benzo(A)Pyrene	50-32-8	170 U	130 J	160 J	450 J	340 U	170 U	330 U	330 U	170 U
Benzo(B)Fluoranthene	205-99-2	170 U	230 J	200 J	1000	340 U	170 U	330 U	330 U	170 UJ
Benzo(G,H,I)Perylene	191-24-2	170 U	46 J	52 J	150 J	340 U	170 U	330 U	330 U	170 U
Benzo(K)Fluoranthene	207-08-9	170 U	120 J	180 J	810 U	340 U	170 U	330 U	330 U	170 U
Bis(2-Chloroethoxy)Methane	111-91-1	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Bis(2-Chloroethyl)Ether	111-44-4	170 U	180 U	190 U	810 U	340 UJ	170 U	330 UJ	330 UJ	170 U
Bis(2-Ethylhexyl)Phthalate	117-81-7	170 U	180 U	190 U	93 J	340 U	170 U	330 U	330 U	26 JEB
Butylbenzylphthalate	85-68-7	170 U	180 U	190 U	37 J	340 U	170 U	330 U	330 U	170 U
Caprolactam	105-60-2	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Carbazole	86-74-8	170 U	180 U	190 U	56 J	340 U	170 U	330 U	330 U	170 U
Chrysene	218-01-9	170 U	150 J	190 J	540 J	340 U	170 U	330 U	39 J	170 U
Dibenz(A,H)Anthracene	53-70-3	170 U	180 U	190 U	77 J	340 U	170 U	330 U	330 U	170 U
Dibenzofuran	132-64-9	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Diethylphthalate	84-66-2	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Dimethylphthalate	131-11-3	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Di-N-Butyl Phthalate	84-74-2	170 U	36 J	220	34 J	340 U	170 U	330 U	330 U	170 U
Di-N-Octyl Phthalate	117-84-0	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Fluoranthene	206-44-0	20 J	260	340	990	340 U	170 U	330 U	38 J	170 U
Fluorene	86-73-7	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Hexachlorobenzene	118-74-1	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Hexachlorobutadiene	87-68-3	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U
Hexachlorocyclopentadiene	77-47-4	170 U	180 U	190 U	810 U	340 U	170 U	330 U	330 U	170 U

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	299 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.	
	Top Depth	5		0		0		0		0.5		5		5		10		14	
	Sample Location	SB124		SS116		SS117		SS37		SB37		SB125		SB37		SB37		SB126	
	Sample ID	80018-SB124-0507		80018-SS116-0002		80018-SS117-0002		S-052004-DK-144		S-051204-JR-011		80018-SB125-0507		S-051204-JR-013		S-051204-JR-015		80018-SB126-1416	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	7		2		0.5		0.5		4		7		10		15		16	
	Sample Date	10/23/2008		10/23/2008		10/24/2008		5/20/2004		5/12/2004		10/23/2008		5/12/2004		5/12/2004		10/24/2008	
	Sample Type	N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																		
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	170	U	180	U	190	U	810	UJ	340	UJ	170	U	330	UJ	330	UJ	170	U
Indeno(1,2,3-CD)Pyrene	193-39-5	170	U	54	J	60	J	160	J	340	U	170	U	330	U	330	U	170	U
Isophorone	78-59-1	170	U	180	U	190	U	810	U	340	U	170	U	330	U	330	U	170	U
Naphthalene	91-20-3	170	U	180	U	190	U	810	U	340	UJ	170	U	330	UJ	330	UJ	170	U
Nitrobenzene	98-95-3	170	U	180	U	190	U	810	U	340	U	170	U	330	U	330	U	170	U
N-Nitroso-Di-N-Propylamine	621-64-7	170	U	180	U	190	U	810	U	340	U	170	U	330	U	330	U	170	U
N-Nitrosodiphenylamine	86-30-6	170	U	180	U	190	U	810	U	340	U	170	U	330	U	330	U	170	U
Pentachlorophenol	87-86-5	340	U	350	U	370	U	3900	U	1600	U	330	U	1600	U	1600	U	330	U
Phenanthrene	85-01-8	170	U	88	J	140	J	410	J	340	U	170	U	330	U	330	U	170	U
Phenol	108-95-2	170	U	180	U	190	U	810	U	340	U	170	U	330	U	330	U	170	U
Pyrene	129-00-0	25	J	160	J	220		660	J	340	U	170	U	330	U	37	J	170	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

Address		313 Meriden Rd.		40 Monroe Ave.		40 Monroe Ave.		40 Monroe Ave.		52 Monroe Ave.		52 Monroe Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.	
Top Depth		0		0		0.5		6		0		5		0		0		0	
Sample Location		SS39		SS119		SB43		SB43		SS121		SB129		SS-43		SS-44		SS-45	
Sample ID		SS-051204-DK-006		80018-SS119-0006		S-051804-DK-109		S-051804-DK-110		80018-SS121-0006		80018-SB129-0507		APK19		APK21		APK23	
Risk Zone		Scovill-Offiste		D2		D2		D2		D2		D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
Bottom Depth		0.5		0.5		2		10		0.5		7		0.5		0.5		0.5	
Sample Date		5/12/2004		10/16/2008		5/18/2004		5/18/2004		10/16/2008		11/5/2008		4/27/1999		4/27/1999		4/27/1999	
Sample Type		N		N		N		N		N		N		N		N		N	
Field Duplicate Parent																			
Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4			200	U					200	U	180	U						
1,2,4,5-Tetrachlorobenzene	95-94-3			200	U					200	U	180	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	1700	U	200	U	360	U	700	U	200	U	180	U	350	U	400	U	380	U
2,3,4,6-Tetrachlorophenol	58-90-2			200	U					200	U	180	U						
2,4,5-Trichlorophenol	95-95-4	8300	U	200	U	1800	U	1900	U	200	U	180	U	890	U	1000	U	950	U
2,4,6-Trichlorophenol	88-06-2	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
2,4-Dichlorophenol	120-83-2	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
2,4-Dimethylphenol	105-67-9	1700	U	200	U	360	U	400	U	27	J	180	U	350	U	400	U	380	U
2,4-Dinitrophenol	51-28-5	8300	UJ	380	U	1800	U	1900	U	380	U	340	UJ	890	U	1000	U	950	U
2,4-Dinitrotoluene	121-14-2	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
2,6-Dinitrotoluene	606-20-2	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
2-Chloronaphthalene	91-58-7	1700	UJ	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
2-Chlorophenol	95-57-8	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
2-Methylnaphthalene	91-57-6	1700	U	200	U	360	U	400	U	75	J	180	U	350	U	400	U	380	U
2-Methylphenol	95-48-7	1700	UJ	200	U	360	U	700	U	200	U	180	U	350	U	400	U	380	U
2-Nitroaniline	88-74-4	8300	U	380	U	1800	U	1900	U	380	U	340	U	890	U	1000	U	950	U
2-Nitrophenol	88-75-5	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
3,3'-Dichlorobenzidine	91-94-1	3400	UJ	200	U	730	U	400	U	200	U	180	U	350	U	400	U	380	UJ
3-Nitroaniline	99-09-2	8300	U	380	U	1800	U	1900	U	380	U	340	U	890	U	1000	U	950	U
4,6-Dinitro-2-Methylphenol	534-52-1	8300	U	380	U	1800	U	1900	U	380	U	340	UJ	890	U	1000	U	950	U
4-Bromophenyl-Phenylether	101-55-3	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
4-Chloro-3-Methylphenol	59-50-7	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
4-Chloroaniline	106-47-8	1700	U	200	U	360	U	400	U	200	U	180	U	350	UJ	400	UJ	380	U
4-Chlorophenyl-Phenylether	7005-72-3	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
4-Methylphenol	106-44-5	1700	U	200	U	360	U	400	U	46	J	180	U	350	U	400	U	380	U
4-Nitroaniline	100-01-6	3400	U	380	U	730	U	800	U	380	U	340	U	890	U	1000	U	950	U
4-Nitrophenol	100-02-7	8300	U	380	U	1800	U	1900	U	380	U	340	U	890	U	1000	U	950	U
Acenaphthene	83-32-9	1700	U	200	U	360	U	400	U	130	J	180	U	350	U	400	U	380	U
Acenaphthylene	208-96-8	1000	J	130	J	130	J	32	J	590		180	U	350	U	63	J	380	U
Acetophenone	98-86-2	1700	U	200	U	360	U	400	U	200	U	180	U						
Anthracene	120-12-7	820	J	73	J	100	J	27	J	400		180	U	350	U	130	J	380	U
Atrazine	1912-24-9	1700	U	200	U	360	U	400	U	200	U	180	U						
Benzaldehyde	100-52-7	1700	UJ	200	U	360	UJ	400	UJ	200	U	180	U						
Benzo(A)Anthracene	56-55-3	3600		650		340	J	93	J	2700		18	J	220	J	1100		66	J
Benzo(A)Pyrene	50-32-8	4100		820		390	J	110	J	2700	D	20	J	190	J	840		67	J
Benzo(B)Fluoranthene	205-99-2	4100		1100	J	390	J	190	J	3600	DJ	180	U	360		1500		110	J
Benzo(G,H,I)Perylene	191-24-2	830	J	360	J	210	J	68	J	570	J	180	U	150	J	410		380	U
Benzo(K)Fluoranthene	207-08-9	4700		700		350	J	400	U	2300	D	180	U	190	J	590		67	J
Bis(2-Chloroethoxy)Methane	111-91-1	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
Bis(2-Chloroethyl)Ether	111-44-4	1700	UJ	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	1700	U	200	U	76	J	64	J	200	U	37	J	94	J	170	J	65	J
Butylbenzylphthalate	85-68-7	120	J	77	J	360	U	400	U	47	J	21	EB	350	U	400	U	380	U
Caprolactam	105-60-2	1700	U	200	U	360	U	400	U	200	U	180	U						
Carbazole	86-74-8	330	J	110	J	46	J	400	U	570		180	U	350	U	61	J	380	U
Chrysene	218-01-9	4300		990		460		130	J	3600	D	24	J	330	J	1400		120	J
Dibenz(A,H)Anthracene	53-70-3	480	J	130	J	94	J	33	J	210		180	U	44	J	230	J	380	U
Dibenzofuran	132-64-9	1700	U	200	U	360	U	400	U	170	J	180	U	350	U	400	U	380	U
Diethylphthalate	84-66-2	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
Dimethylphthalate	131-11-3	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
Di-N-Butyl Phthalate	84-74-2	1700	U	200	U	20	J	18	J	69	J	180	U	350	U	400	U	380	U
Di-N-Octyl Phthalate	117-84-0	1700	U	200	UJ	360	U	400	U	200	UJ	180	UJ	350	U	400	U	380	UJ
Fluoranthene	206-44-0	7400		2000		830		180	J	7600	D	28	J	610		2300		190	J
Fluorene	86-73-7	110	J	200	U	22	J	400	U	260		180	U	350	U	47	J	380	U
Hexachlorobenzene	118-74-1	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
Hexachlorobutadiene	87-68-3	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
Hexachlorocyclopentadiene	77-47-4	1700	U	200	UJ	360	U	400	U	200	UJ	180	U	350	U	400	U	380	U

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		313 Meriden Rd.		40 Monroe Ave.		40 Monroe Ave.		40 Monroe Ave.		52 Monroe Ave.		52 Monroe Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.	
Top Depth		0		0		0.5		6		0		5		0		0		0	
Sample Location		SS39		SS119		SB43		SB43		SS121		SB129		SS-43		SS-44		SS-45	
Sample ID		SS-051204-DK-006		80018-SS119-0006		S-051804-DK-109		S-051804-DK-110		80018-SS121-0006		80018-SB129-0507		APK19		APK21		APK23	
Risk Zone		Scovill-Offiste		D2		D2		D2		D2		D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
Bottom Depth		0.5		0.5		2		10		0.5		7		0.5		0.5		0.5	
Sample Date		5/12/2004		10/16/2008		5/18/2004		5/18/2004		10/16/2008		11/5/2008		4/27/1999		4/27/1999		4/27/1999	
Sample Type		N		N		N		N		N		N		N		N		N	
Field Duplicate Parent																			
Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	1700	UJ	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
Indeno(1,2,3-CD)Pyrene	193-39-5	1000	J	430		190	J	64	J	680		180	U	170	J	710		69	J
Isophorone	78-59-1	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
Naphthalene	91-20-3	1700	UJ	200	U	360	U	400	U	100	J	180	U	350	U	400	U	380	U
Nitrobenzene	98-95-3	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
N-Nitroso-Di-N-Propylamine	621-64-7	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
N-Nitrosodiphenylamine	86-30-6	1700	U	200	U	360	U	400	U	200	U	180	U						
Pentachlorophenol	87-86-5	8300	U	380	U	1800	U	1900	U	380	U	340	U	890	U	1000	U	950	U
Phenanthrene	85-01-8	1800		660		400		80	J	3300	D	27	J	250	J	740		78	J
Phenol	108-95-2	1700	U	200	U	360	U	400	U	200	U	180	U	350	U	400	U	380	U
Pyrene	129-00-0	6200		1400		780		160	J	5400	D	27	J	580		2200		160	J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		67 Academy Ave.		67 Academy Ave.		67 Academy Ave.	
	Top Depth	0.5		0.5		0.5		0		0		0	
	Sample Location	SS-43		SS-44		SS-45		SS30		SS30		SS30	
	Sample ID	APK20		APK22		APK24		KSS-030~A0KK9-14A66~FDOFA0RJ3~110102		SS-030~A0KK9-6A66~FDOFAQN14~110102		SS-030~AA26631~~110102	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	2		2		2		0.25		0.25		0.25	
	Sample Date	4/27/1999		4/27/1999		4/27/1999		11/1/2002		11/1/2002		11/1/2002	
	Sample Type	N		N		N		FD		N		N	
	Field Duplicate Parent							SS-030~A0KK9-6A66~FDOFAQN14~110102					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4							430	U	390	U		
1,2,4,5-Tetrachlorobenzene	95-94-3												
2,2'-Oxybis(1-Chloropropane)	108-60-1	410	U	380	U	360	U	430	U	390	U		
2,3,4,6-Tetrachlorophenol	58-90-2												
2,4,5-Trichlorophenol	95-95-4	1000	U	960	U	910	U	1100	U	990	U		
2,4,6-Trichlorophenol	88-06-2	410	U	380	U	360	U	430	U	390	U		
2,4-Dichlorophenol	120-83-2	410	U	380	U	360	U	430	U	390	U		
2,4-Dimethylphenol	105-67-9	410	U	380	U	360	U	430	U	390	U		
2,4-Dinitrophenol	51-28-5	1000	U	960	U	910	U	1100	U	990	U		
2,4-Dinitrotoluene	121-14-2	410	U	380	U	360	U	430	U	390	U		
2,6-Dinitrotoluene	606-20-2	410	U	380	U	360	U	430	U	390	U		
2-Chloronaphthalene	91-58-7	410	U	380	U	360	U	430	U	390	U		
2-Chlorophenol	95-57-8	410	U	380	U	360	U	430	U	390	U		
2-Methylnaphthalene	91-57-6	410	U	380	U	360	U	19	J	19	J		
2-Methylphenol	95-48-7	410	U	380	U	360	U	430	U	390	U		
2-Nitroaniline	88-74-4	1000	U	960	U	910	U	1100	U	990	U		
2-Nitrophenol	88-75-5	410	U	380	U	360	U	430	U	390	U		
3,3'-Dichlorobenzidine	91-94-1	410	U	380	U	360	U	430	U	390	U		
3-Nitroaniline	99-09-2	1000	U	960	U	910	U	1100	U	990	U		
4,6-Dinitro-2-Methylphenol	534-52-1	1000	U	960	U	910	U	1100	U	990	U		
4-Bromophenyl-Phenylether	101-55-3	410	U	380	U	360	U	430	U	390	U		
4-Chloro-3-Methylphenol	59-50-7	410	U	380	U	360	U	430	U	390	U		
4-Chloroaniline	106-47-8	410	UJ	380	UJ	360	UJ	430	U	390	U		
4-Chlorophenyl-Phenylether	7005-72-3	410	U	380	U	360	U	430	U	390	U		
4-Methylphenol	106-44-5	410	U	380	U	360	U	430	U	390	U		
4-Nitroaniline	100-01-6	1000	U	960	U	910	U	1100	U	990	U		
4-Nitrophenol	100-02-7	1000	U	960	U	910	U	1100	U	990	U		
Acenaphthene	83-32-9	410	U	48	J	360	U	28	J	26	J		
Acenaphthylene	208-96-8	410	U	380	U	49	J	230	J	200	J		
Acetophenone	98-86-2							55	JB	24	JB		
Anthracene	120-12-7	410	U	310	J	37	J	200	J	170	J		
Atrazine	1912-24-9							430	U	390	U		
Benzaldehyde	100-52-7							140	JB	68	JB		
Benzo(A)Anthracene	56-55-3	250	J	2300		360		780		630			
Benzo(A)Pyrene	50-32-8	160	J	1900		290	J	770		720			
Benzo(B)Fluoranthene	205-99-2	350	J	2900		520		780		1200	X		
Benzo(G,H,I)Perylene	191-24-2	160	J	990		210	J	680		610			
Benzo(K)Fluoranthene	207-08-9	100	J	1400		260	J	950		1400	X		
Bis(2-Chloroethoxy)Methane	111-91-1	410	U	380	U	360	U	430	U	390	U		
Bis(2-Chloroethyl)Ether	111-44-4	410	U	380	U	360	U	430	U	390	U		
Bis(2-Ethylhexyl)Phthalate	117-81-7	180	J	520		220	J	1200	B	2800	B		
Butylbenzylphthalate	85-68-7	410	U	380	U	360	U	570		650			
Caprolactam	105-60-2							430	U	390	U		
Carbazole	86-74-8	410	U	110	J	44	J	140	J	130	J		
Chrysene	218-01-9	360	J	2800		510		990		920			
Dibenz(A,H)Anthracene	53-70-3	52	J	320	J	93	J	220	J	170	J		
Dibenzofuran	132-64-9	410	U	380	U	360	U	28	J	28	J		
Diethylphthalate	84-66-2	410	U	380	U	360	U	430	U	390	U		
Dimethylphthalate	131-11-3	410	U	380	U	360	U	430	U	390	U		
Di-N-Butyl Phthalate	84-74-2	410	U	68	J	360	U	52	J	40	J		
Di-N-Octyl Phthalate	117-84-0	410	U	380	U	360	U	430	U	1800			
Fluoranthene	206-44-0	560		4700		880		1700		1700			
Fluorene	86-73-7	410	U	120	J	360	U	430	U	52	J		
Hexachlorobenzene	118-74-1	410	U	380	U	360	U	430	U	390	U		
Hexachlorobutadiene	87-68-3	410	U	380	U	360	U	430	U	390	U		
Hexachlorocyclopentadiene	77-47-4	410	U	380	U	360	U	430	U	390	U		

	Address	55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		67 Academy Ave.		67 Academy Ave.		67 Academy Ave.	
	Top Depth	0.5		0.5		0.5		0		0		0	
	Sample Location	SS-43		SS-44		SS-45		SS30		SS30		SS30	
	Sample ID	APK20		APK22		APK24		KSS-030~A0KK9-14A66~FDOFA0RJ3~110102		SS-030~A0KK9-6A66~FDOFAQN14~110102		SS-030~AA26631~~110102	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	2		2		2		0.25		0.25		0.25	
	Sample Date	4/27/1999		4/27/1999		4/27/1999		11/1/2002		11/1/2002		11/1/2002	
	Sample Type	N		N		N		FD		N		N	
	Field Duplicate Parent							SS-030~A0KK9-6A66~FDOFAQN14~110102					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	410	U	380	U	360	U	430	U	390	U		
Indeno(1,2,3-CD)Pyrene	193-39-5	170	J	1600		230	J	600		550			
Isophorone	78-59-1	410	U	380	U	360	U	430	U	390	U		
Naphthalene	91-20-3	410	U	380	U	360	U	26	J	27	J	6	U
Nitrobenzene	98-95-3	410	U	380	U	360	U	430	U	390	U		
N-Nitroso-Di-N-Propylamine	621-64-7	410	U	380	U	360	U	430	U	390	U		
N-Nitrosodiphenylamine	86-30-6							430	U	390	U		
Pentachlorophenol	87-86-5	1000	U	960	U	910	U	1100	U	990	U		
Phenanthrene	85-01-8	280	J	1700		420		1000		1000			
Phenol	108-95-2	410	U	380	U	360	U	430	U	390	U		
Pyrene	129-00-0	580		5200		880		1900		1300			

Notes:
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Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		68 Monroe Ave.		68 Monroe Ave.		68 Monroe Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
Top Depth		0		0		5		0		0		0		5		5	
Sample Location		SS123		SS42		SB130		SB50		SB51		SS44		SB106		SB50	
Sample ID		80018-SS123-0006		S-051404-DK-010		80018-SB130-0507		S-052404-JR-162		S-051704-JR-088		S-052404-DK-164		80018-SB106-0507		S-052404-JR-163	
Risk Zone		D2		D2		D2		B		Scovill-Offiste		Z		Scovill-Offiste		B	
Bottom Depth		0.5		0.5		7		4		3		0.5		7		7.5	
Sample Date		10/16/2008		5/14/2004		11/4/2008		5/24/2004		5/17/2004		5/24/2004		10/29/2008		5/24/2004	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	210	U			210	U							300	U				
1,2,4,5-Tetrachlorobenzene	95-94-3	210	U			210	U							300	U				
2,2'-Oxybis(1-Chloropropane)	108-60-1	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
2,3,4,6-Tetrachlorophenol	58-90-2	210	U			210	U							300	U				
2,4,5-Trichlorophenol	95-95-4	210	U	3900	U	210	U	3800	U	4200	U	4000	U	300	U	4800	U	1700	U
2,4,6-Trichlorophenol	88-06-2	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
2,4-Dichlorophenol	120-83-2	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
2,4-Dimethylphenol	105-67-9	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
2,4-Dinitrophenol	51-28-5	400	U	3900	UJ	400	UJ	3800	U	4200	UJ	4000	U	590	U	4800	U	1700	UJ
2,4-Dinitrotoluene	121-14-2	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
2,6-Dinitrotoluene	606-20-2	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
2-Chloronaphthalene	91-58-7	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
2-Chlorophenol	95-57-8	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
2-Methylnaphthalene	91-57-6	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
2-Methylphenol	95-48-7	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
2-Nitroaniline	88-74-4	400	U	3900	U	400	U	3800	U	4200	U	4000	U	590	U	4800	U	1700	U
2-Nitrophenol	88-75-5	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
3,3'-Dichlorobenzidine	91-94-1	210	U	1600	U	210	U	1600	U	1700	U	1700	U	300	U	2000	U	690	U
3-Nitroaniline	99-09-2	400	U	3900	U	400	U	3800	U	4200	U	4000	U	590	U	4800	U	1700	U
4,6-Dinitro-2-Methylphenol	534-52-1	400	U	3900	U	400	UJ	3800	U	4200	U	4000	U	590	U	4800	U	1700	U
4-Bromophenyl-Phenylether	101-55-3	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
4-Chloro-3-Methylphenol	59-50-7	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
4-Chloroaniline	106-47-8	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
4-Chlorophenyl-Phenylether	7005-72-3	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
4-Methylphenol	106-44-5	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
4-Nitroaniline	100-01-6	400	U	1600	U	400	U	1600	U	1700	U	1700	U	590	U	2000	U	690	U
4-Nitrophenol	100-02-7	400	U	3900	U	400	U	3800	U	4200	U	4000	U	590	U	4800	U	1700	U
Acenaphthene	83-32-9	210	U	100	J	210	U	780	U	92	J	830	U	300	U	85	J	340	U
Acenaphthylene	208-96-8	94	J	800	J	210	U	60	J	93	J	140	J	82	J	540	J	340	U
Acetophenone	98-86-2	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Anthracene	120-12-7	46	J	700	J	210	U	38	J	230	J	100	J	62	J	600	J	340	U
Atrazine	1912-24-9	210	U	810	U	210	U	780	UJ	870	U	830	UJ	300	U	1000	UJ	340	U
Benzaldehyde	100-52-7	210	U	810	UJ	210	U	780	UJ	870	UJ	240	J	83	JB	1000	UJ	340	UJ
Benzo(A)Anthracene	56-55-3	250		1800		84	J	140	J	770	J	400	J	280	J	1900		340	U
Benzo(A)Pyrene	50-32-8	360		2200		110	J	150	J	850	J	410	J	370		2000		340	U
Benzo(B)Fluoranthene	205-99-2	510	J	3800	#	100	J	150	J	1000		810	J	550		3300		340	U
Benzo(G,H,I)Perylene	191-24-2	130	J	1300		66	J	120	J	610	J	330	J	130	J	1200		340	U
Benzo(K)Fluoranthene	207-08-9	350		810	U#	130	J	170	J	850	J	830	U	330		1000	U	340	U
Bis(2-Chloroethoxy)Methane	111-91-1	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Bis(2-Chloroethyl)Ether	111-44-4	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	210	U	140	J	54	J	130	J	870	U	440	J	130	JB	160	J	41	J
Butylbenzylphthalate	85-68-7	210	U	42	J	37	EB	780	U	870	U	830	U	300	U	1000	U	340	U
Caprolactam	105-60-2	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Carbazole	86-74-8	45	J	320	J	210	U	780	U	130	J	62	J	55	J	210	J	340	U
Chrysene	218-01-9	480		2900		100	J	200	J	1200		560	J	450		2200		340	U
Dibenz(A,H)Anthracene	53-70-3	39	J	520	J	210	U	45	J	240	J	130	J	300	U	550	J	340	U
Dibenzofuran	132-64-9	210	U	68	J	210	U	780	U	870	U	830	U	300	U	71	J	340	U
Diethylphthalate	84-66-2	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Dimethylphthalate	131-11-3	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Di-N-Butyl Phthalate	84-74-2	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Di-N-Octyl Phthalate	117-84-0	210	U	810	U	210	UJ	780	U	870	U	830	U	300	U	1000	U	340	U
Fluoranthene	206-44-0	810		5200		150	J	360	J	2300		1000		890		4700		340	U
Fluorene	86-73-7	210	U	140	J	210	U	780	U	130	J	830	U	47	J	280	J	340	U
Hexachlorobenzene	118-74-1	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Hexachlorobutadiene	87-68-3	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Hexachlorocyclopentadiene	77-47-4	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	68 Monroe Ave.		68 Monroe Ave.		68 Monroe Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Top Depth	0		0		5		0		0		0		5		5	
	Sample Location	SS123		SS42		SB130		SB50		SB51		SS44		SB106		SB50	
	Sample ID	80018-SS123-0006		S-051404-DK-010		80018-SB130-0507		S-052404-JR-162		S-051704-JR-088		S-052404-DK-164		80018-SB106-0507		S-052404-JR-163	
	Risk Zone	D2		D2		D2		B		Scovill-Offiste		Z		Scovill-Offiste		B	
	Bottom Depth	0.5		0.5		7		4		3		0.5		7		7.5	
	Sample Date	10/16/2008		5/14/2004		11/4/2008		5/24/2004		5/17/2004		5/24/2004		10/29/2008		5/24/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Indeno(1,2,3-CD)Pyrene	193-39-5	150	J	1200		58	J	110	J	540	J	270	J	130	J	1200		340	U
Isophorone	78-59-1	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Naphthalene	91-20-3	210	U	81	J	210	U	780	U	870	U	830	U	120	J	1000	U	340	U
Nitrobenzene	98-95-3	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
N-Nitroso-Di-N-Propylamine	621-64-7	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
N-Nitrosodiphenylamine	86-30-6	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Pentachlorophenol	87-86-5	400	U	3900	U	400	U	3800	U	4200	U	4000	U	590	U	4800	U	1700	U
Phenanthrene	85-01-8	380		2900		56	J	150	J	1400		430	J	450		2500		340	U
Phenol	108-95-2	210	U	810	U	210	U	780	U	870	U	830	U	300	U	1000	U	340	U
Pyrene	129-00-0	590		5100		140	J	260	J	1800		870		560		3400		340	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	72 Dallas Ave.		72 Dallas Ave.		74 Monroe Ave.		76 Altyre St.		76 Altyre St.		82 Hinsdale Ave.		82 Hinsdale Ave.	
	Top Depth	10.5		10.5		0		0		0		10		0		0	
	Sample Location	SB51		SB51		SS124		SS45		SB54		SB54		SB86		SB86	
	Sample ID	S-051704-JR-092		S-051704-JR-094		80018-SS124-0006		SS-051704-DK-050		S-051704-JR-060		S-051704-JR-062		S-051404-JR-042		S-051404-JR-044	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	15		15		0.5		0.5		4		15		4		4	
	Sample Date	5/17/2004		5/17/2004		10/16/2008		5/17/2004		5/17/2004		5/17/2004		5/14/2004		5/14/2004	
	Sample Type	N		FD		N		N		N		N		N		FD	
	Field Duplicate Parent			S-051704-JR-092												S-051404-JR-042	
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4					230	U										
1,2,4,5-Tetrachlorobenzene	95-94-3					230	U										
2,2'-Oxybis(1-Chloropropane)	108-60-1	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
2,3,4,6-Tetrachlorophenol	58-90-2					230	U										
2,4,5-Trichlorophenol	95-95-4	1700	U	1800	U	230	U	4200	U	1700	U	1600	U	1900	U	1900	U
2,4,6-Trichlorophenol	88-06-2	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
2,4-Dichlorophenol	120-83-2	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
2,4-Dimethylphenol	105-67-9	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
2,4-Dinitrophenol	51-28-5	1700	UJ	1800	UJ	450	U	4200	UJ	1700	UJ	1600	UJ	1900	UJ	1900	UJ
2,4-Dinitrotoluene	121-14-2	360	U	370	UJ	230	U	860	U	350	U	340	U	380	U	400	U
2,6-Dinitrotoluene	606-20-2	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
2-Chloronaphthalene	91-58-7	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
2-Chlorophenol	95-57-8	360	U	370	UJ	230	U	860	U	350	U	340	U	380	U	400	U
2-Methylnaphthalene	91-57-6	360	U	370	U	24	J	860	U	350	U	340	U	380	U	400	U
2-Methylphenol	95-48-7	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
2-Nitroaniline	88-74-4	1700	U	1800	U	450	U	4200	U	1700	U	1600	U	1900	U	1900	U
2-Nitrophenol	88-75-5	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
3,3'-Dichlorobenzidine	91-94-1	720	U	730	U	230	U	1700	U	700	U	670	U	770	U	790	U
3-Nitroaniline	99-09-2	1700	U	1800	U	450	U	4200	U	1700	U	1600	U	1900	U	1900	U
4,6-Dinitro-2-Methylphenol	534-52-1	1700	U	1800	U	450	U	4200	U	1700	U	1600	U	1900	U	1900	U
4-Bromophenyl-Phenylether	101-55-3	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
4-Chloro-3-Methylphenol	59-50-7	360	U	370	UJ	230	U	860	U	350	U	340	U	380	U	400	U
4-Chloroaniline	106-47-8	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
4-Chlorophenyl-Phenylether	7005-72-3	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
4-Methylphenol	106-44-5	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
4-Nitroaniline	100-01-6	720	U	730	U	450	U	1700	U	700	U	670	U	770	U	790	U
4-Nitrophenol	100-02-7	1700	U	1800	U	450	U	4200	U	1700	U	1600	U	1900	U	1900	U
Acenaphthene	83-32-9	360	U	370	UJ	60	J	860	U	350	U	340	U	380	U	400	U
Acenaphthylene	208-96-8	360	U	370	U	380		280	J	54	J	340	U	92	J	70	J
Acetophenone	98-86-2	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Anthracene	120-12-7	360	U	370	U	280		180	J	30	J	340	U	68	J	42	J
Atrazine	1912-24-9	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Benzaldehyde	100-52-7	360	UJ	370	UJ	230	U	860	UJ	350	UJ	340	UJ	380	UJ	400	UJ
Benzo(A)Anthracene	56-55-3	360	U	370	U	1800		540	J	99	J	340	U	180	J	140	J
Benzo(A)Pyrene	50-32-8	360	U	370	U	2200		690	J	120	J	340	U	200	J	170	J
Benzo(B)Fluoranthene	205-99-2	360	U	370	U	3600	J	660	J	120	J	340	U	200	J	160	J
Benzo(G,H,I)Perylene	191-24-2	360	U	370	U	360	J	400	J	90	J	340	U	110	J	90	J
Benzo(K)Fluoranthene	207-08-9	360	U	370	U	2800		750	J	120	J	340	U	230	J	180	J
Bis(2-Chloroethoxy)Methane	111-91-1	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Bis(2-Chloroethyl)Ether	111-44-4	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	63	J	51	J	360		200	J	350	U	53	J	380	U	400	U
Butylbenzylphthalate	85-68-7	360	U	370	U	92	J	45	J	350	U	340	U	380	U	400	U
Caprolactam	105-60-2	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Carbazole	86-74-8	360	U	370	U	290		120	J	350	U	340	U	380	U	400	U
Chrysene	218-01-9	360	U	370	U	2800		920		170	J	340	U	250	J	200	J
Dibenz(A,H)Anthracene	53-70-3	360	U	370	U	120	J	170	J	23	J	340	U	49	J	37	J
Dibenzofuran	132-64-9	360	U	370	U	45	J	860	U	350	U	340	U	380	U	400	U
Diethylphthalate	84-66-2	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Dimethylphthalate	131-11-3	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Di-N-Butyl Phthalate	84-74-2	360	U	370	U	57	J	860	U	350	U	340	U	380	U	400	U
Di-N-Octyl Phthalate	117-84-0	360	U	370	U	230	UJ	860	U	350	U	340	U	380	U	400	U
Fluoranthene	206-44-0	25	J	370	U	5700	D	1400		290	J	340	U	500		330	J
Fluorene	86-73-7	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Hexachlorobenzene	118-74-1	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Hexachlorobutadiene	87-68-3	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Hexachlorocyclopentadiene	77-47-4	360	U	370	U	230	UJ	860	U	350	U	340	U	380	U	400	U

	Address	72 Dallas Ave.		72 Dallas Ave.		74 Monroe Ave.		76 Altyre St.		76 Altyre St.		76 Altyre St.		82 Hinsdale Ave.		82 Hinsdale Ave.	
	Top Depth	10.5		10.5		0		0		0		10		0		0	
	Sample Location	SB51		SB51		SS124		SS45		SB54		SB54		SB86		SB86	
	Sample ID	S-051704-JR-092		S-051704-JR-094		80018-SS124-0006		SS-051704-DK-050		S-051704-JR-060		S-051704-JR-062		S-051404-JR-042		S-051404-JR-044	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	15		15		0.5		0.5		4		15		4		4	
	Sample Date	5/17/2004		5/17/2004		10/16/2008		5/17/2004		5/17/2004		5/17/2004		5/14/2004		5/14/2004	
	Sample Type	N		FD		N		N		N		N		N		FD	
	Field Duplicate Parent			S-051704-JR-092												S-051404-JR-042	
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Indeno(1,2,3-CD)Pyrene	193-39-5	360	U	370	U	410		400	J	76	J	340	U	110	J	88	J
Isophorone	78-59-1	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Naphthalene	91-20-3	360	U	370	U	29	J	860	U	350	U	340	U	380	U	400	U
Nitrobenzene	98-95-3	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
N-Nitroso-Di-N-Propylamine	621-64-7	360	U	370	UJ	230	U	860	U	350	U	340	U	380	U	400	U
N-Nitrosodiphenylamine	86-30-6	360	U	370	U	230	U	860	U	350	U	340	U	380	U	400	U
Pentachlorophenol	87-86-5	1700	U	1800	UJ	450	U	4200	U	1700	U	1600	U	1900	U	1900	U
Phenanthrene	85-01-8	360	U	370	U	2500		720	J	130	J	340	U	220	J	160	J
Phenol	108-95-2	360	U	370	UJ	230	U	860	U	350	U	340	U	380	U	400	U
Pyrene	129-00-0	360	U	370	UJ	3300		1300		280	J	340	U	430		310	J

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	82 Hinsdale Ave.		82 Hinsdale Ave.		Meriden Rd.		ien Rd. Lot Behind U		Pine Grove Cemeter		Pine Grove Cemetery	
	Top Depth	0		5		5		0		0		0	
	Sample Location	SS77		SB86		SB127		SS46		SS47		SS-55	
	Sample ID	SS-051404-DK-048		S-051404-JR-046		80018-SB127-0509		S-051904-DK-117		S-052004-DK-141		APK45	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		10		9		0.5		0.5		0.5	
	Sample Date	5/14/2004		5/14/2004		10/22/2008		5/19/2004		5/20/2004		4/28/1999	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4					180	U						
1,2,4,5-Tetrachlorobenzene	95-94-3					180	U						
2,2'-Oxybis(1-Chloropropane)	108-60-1	830	U	320	U	180	U	730	U	1600	U	460	U
2,3,4,6-Tetrachlorophenol	58-90-2					180	U						
2,4,5-Trichlorophenol	95-95-4	4000	U	1600	U	180	U	3600	U	7700	U	1200	U
2,4,6-Trichlorophenol	88-06-2	830	U	320	U	180	U	730	U	1600	U	460	U
2,4-Dichlorophenol	120-83-2	830	U	320	U	180	U	730	U	1600	U	460	U
2,4-Dimethylphenol	105-67-9	830	U	320	U	180	U	730	U	1600	U	460	U
2,4-Dinitrophenol	51-28-5	4000	UJ	1600	UJ	350	U	3600	U	7700	U	1200	U
2,4-Dinitrotoluene	121-14-2	830	U	320	U	180	UJ	730	U	1600	U	460	U
2,6-Dinitrotoluene	606-20-2	830	U	320	U	180	U	730	U	1600	U	460	U
2-Chloronaphthalene	91-58-7	830	U	320	U	180	U	730	U	1600	U	460	U
2-Chlorophenol	95-57-8	830	U	320	U	180	U	730	U	1600	U	460	U
2-Methylnaphthalene	91-57-6	830	U	320	U	28	J	730	U	1600	U	460	U
2-Methylphenol	95-48-7	830	U	320	U	180	U	730	U	1600	U	460	U
2-Nitroaniline	88-74-4	4000	U	1600	U	350	U	3600	U	7700	U	1200	U
2-Nitrophenol	88-75-5	830	U	320	U	180	U	730	U	1600	U	460	U
3,3'-Dichlorobenzidine	91-94-1	1700	U	650	U	180	U	1500	U	3200	U	460	U
3-Nitroaniline	99-09-2	4000	U	1600	U	350	U	3600	U	7700	U	1200	U
4,6-Dinitro-2-Methylphenol	534-52-1	4000	U	1600	U	350	U	3600	U	7700	U	1200	U
4-Bromophenyl-Phenylether	101-55-3	830	U	320	U	180	U	730	U	1600	U	460	U
4-Chloro-3-Methylphenol	59-50-7	830	U	320	U	180	U	730	U	1600	U	460	U
4-Chloroaniline	106-47-8	830	U	320	U	180	U	730	U	1600	U	460	U
4-Chlorophenyl-Phenylether	7005-72-3	830	U	320	U	180	U	730	U	1600	U	460	U
4-Methylphenol	106-44-5	830	U	320	U	180	U	730	U	1600	U	460	U
4-Nitroaniline	100-01-6	1700	U	650	U	350	U	1500	U	3200	U	1200	U
4-Nitrophenol	100-02-7	4000	U	1600	U	350	U	3600	U	7700	U	1200	U
Acenaphthene	83-32-9	55	J	320	U	29	J	730	U	1600	U	460	U
Acenaphthylene	208-96-8	620	J	320	U	22	J	64	J	830	J	150	J
Acetophenone	98-86-2	830	U	320	U	19	J	730	U	1600	U		
Anthracene	120-12-7	500	J	320	U	70	J	99	J	590	J	120	J
Atrazine	1912-24-9	830	U	320	U	180	U	730	U	1600	UJ		
Benzaldehyde	100-52-7	830	UJ	320	UJ	180	U	730	U	1600	UJ		
Benzo(A)Anthracene	56-55-3	1500		320	U	200		370	J	1800		680	
Benzo(A)Pyrene	50-32-8	1600		320	U	210		420	J	2100		570	
Benzo(B)Fluoranthene	205-99-2	1700		320	U	290		530	J	3900		920	
Benzo(G,H,I)Perylene	191-24-2	860		320	U	53	J	350	J	1400	J	460	
Benzo(K)Fluoranthene	207-08-9	1400		320	U	220		460	J	1600	U	440	J
Bis(2-Chloroethoxy)Methane	111-91-1	830	U	320	U	180	U	730	U	1600	U	460	U
Bis(2-Chloroethyl)Ether	111-44-4	830	U	320	U	180	U	730	U	1600	U	460	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	150	J	320	U	180	U	160	J	270	J	250	J
Butylbenzylphthalate	85-68-7	830	U	320	U	180	U	54	J	66	J	460	U
Caprolactam	105-60-2	830	U	320	U	180	U	730	U	1600	U		
Carbazole	86-74-8	260	J	320	U	40	J	83	J	360	J	78	J
Chrysene	218-01-9	2300		320	U	230		550	J	2800		940	
Dibenz(A,H)Anthracene	53-70-3	370	J	320	U	23	J	140	J	700	J	160	J
Dibenzofuran	132-64-9	47	J	320	U	21	J	730	U	1600	U	460	U
Diethylphthalate	84-66-2	830	U	960		180	U	730	U	1600	U	460	U
Dimethylphthalate	131-11-3	830	U	320	U	180	U	730	U	1600	U	460	U
Di-N-Butyl Phthalate	84-74-2	830	U	320	U	180	U	730	U	1600	U	460	U
Di-N-Octyl Phthalate	117-84-0	830	U	320	U	180	UJ	730	U	1600	U	460	U
Fluoranthene	206-44-0	3900		320	U	500		1000		5400		1700	
Fluorene	86-73-7	93	J	320	U	27	J	730	U	180	J	460	U
Hexachlorobenzene	118-74-1	830	U	320	U	180	U	730	U	1600	U	460	U
Hexachlorobutadiene	87-68-3	830	U	320	U	180	U	730	U	1600	U	460	U
Hexachlorocyclopentadiene	77-47-4	830	U	320	U	180	UJ	730	U	1600	U	460	U

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	82 Hinsdale Ave.		82 Hinsdale Ave.		Meriden Rd.		ien Rd. Lot Behind U		Pine Grove Cemeter		Pine Grove Cemetery	
	Top Depth	0		5		5		0		0		0	
	Sample Location	SS77		SB86		SB127		SS46		SS47		SS-55	
	Sample ID	SS-051404-DK-048		S-051404-JR-046		80018-SB127-0509		S-051904-DK-117		S-052004-DK-141		APK45	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		10		9		0.5		0.5		0.5	
	Sample Date	5/14/2004		5/14/2004		10/22/2008		5/19/2004		5/20/2004		4/28/1999	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	830	U	320	U	180	U	730	U	1600	UJ	460	U
Indeno(1,2,3-CD)Pyrene	193-39-5	850		320	U	60	J	350	J	1400	J	470	
Isophorone	78-59-1	830	U	320	U	180	U	730	U	1600	U	460	U
Naphthalene	91-20-3	830	U	320	U	180	U	730	U	1600	U	460	U
Nitrobenzene	98-95-3	830	U	320	U	180	U	730	U	1600	U	460	U
N-Nitroso-Di-N-Propylamine	621-64-7	830	U	320	U	180	U	730	U	1600	U	460	U
N-Nitrosodiphenylamine	86-30-6	830	U	320	U	180	U	710	U	1600	U		
Pentachlorophenol	87-86-5	4000	U	1600	U	350	U	3600	U	7700	U	1200	U
Phenanthrene	85-01-8	1900		320	U	340		380	J	2500		740	
Phenol	108-95-2	830	U	320	U	180	U	730	U	1600	U	460	U
Pyrene	129-00-0	3800		320	U	300		790		3500		1400	

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

	Address	Pine Grove Cemetery		Pine Grove Cemetery		Pine Grove Cemetery		Vacant Monroe Parcel		Vacant Monroe Parcel	
	Top Depth	0.5		0.5		5		0		5	
	Sample Location	SB56		SS-55		SB56		SS141		SB138	
	Sample ID	S-051204-JR-001		APK46		S-051204-JR-002		80018-SS141-0006		80018-SB138-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		D2		D2	
	Bottom Depth	4.5		2		10		0.5		7	
	Sample Date	5/12/2004		4/28/1999		5/12/2004		10/16/2008		10/31/2008	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4							190	U	220	U
1,2,4,5-Tetrachlorobenzene	95-94-3							190	U	220	U
2,2'-Oxybis(1-Chloropropane)	108-60-1	330	U	440	U	330	UJ	190	U	220	U
2,3,4,6-Tetrachlorophenol	58-90-2							190	U	220	U
2,4,5-Trichlorophenol	95-95-4	1600	U	1100	U	1600	UJ	190	U	220	U
2,4,6-Trichlorophenol	88-06-2	330	U	440	U	330	UJ	190	U	220	U
2,4-Dichlorophenol	120-83-2	330	U	440	U	330	UJ	190	U	220	U
2,4-Dimethylphenol	105-67-9	330	U	440	U	330	UJ	190	U	220	U
2,4-Dinitrophenol	51-28-5	1600	UJ	1100	U	1600	UJ	360	U	420	U
2,4-Dinitrotoluene	121-14-2	330	U	440	U	330	UJ	190	U	220	U
2,6-Dinitrotoluene	606-20-2	330	U	440	U	330	UJ	190	U	220	U
2-Chloronaphthalene	91-58-7	330	UJ	440	U	330	UJ	190	U	220	U
2-Chlorophenol	95-57-8	330	U	440	U	330	UJ	190	U	220	U
2-Methylnaphthalene	91-57-6	330	U	440	U	330	UJ	25	J	220	U
2-Methylphenol	95-48-7	330	UJ	440	U	330	UJ	190	U	220	U
2-Nitroaniline	88-74-4	1600	U	1100	U	1600	UJ	360	U	420	U
2-Nitrophenol	88-75-5	330	U	440	U	330	UJ	190	U	220	U
3,3'-Dichlorobenzidine	91-94-1	660	UJ	440	UJ	660	UJ	190	U	220	U
3-Nitroaniline	99-09-2	1600	U	1100	U	1600	UJ	360	U	420	U
4,6-Dinitro-2-Methylphenol	534-52-1	1600	U	1100	U	1600	UJ	360	U	420	U
4-Bromophenyl-Phenylether	101-55-3	330	U	440	U	330	UJ	190	U	220	U
4-Chloro-3-Methylphenol	59-50-7	330	U	440	U	330	UJ	190	U	220	U
4-Chloroaniline	106-47-8	330	U	440	UJ	330	UJ	190	U	220	U
4-Chlorophenyl-Phenylether	7005-72-3	330	U	440	U	330	UJ	190	U	220	U
4-Methylphenol	106-44-5	330	U	440	U	330	UJ	190	U	220	U
4-Nitroaniline	100-01-6	660	U	1100	U	660	UJ	360	U	420	U
4-Nitrophenol	100-02-7	1600	U	1100	U	1600	UJ	360	U	420	U
Acenaphthene	83-32-9	330	U	440	U	330	UJ	210	J	220	U
Acenaphthylene	208-96-8	330	U	440	U	330	UJ	390	J	52	J
Acetophenone	98-86-2	330	U			330	UJ	34	J	220	U
Anthracene	120-12-7	330	U	440	U	330	UJ	720	J	93	J
Atrazine	1912-24-9	330	U			330	UJ	190	U	220	U
Benzaldehyde	100-52-7	330	UJ			330	UJ	190	U	220	U
Benzo(A)Anthracene	56-55-3	330	U	160	J	330	UJ	1600		350	
Benzo(A)Pyrene	50-32-8	330	U	150	J	330	UJ	1800		370	
Benzo(B)Fluoranthene	205-99-2	330	U	200	J	330	UJ	2500	DJ	500	
Benzo(G,H,I)Perylene	191-24-2	330	U	110	J	330	UJ	390		150	J
Benzo(K)Fluoranthene	207-08-9	330	U	180	J	330	UJ	1800		300	
Bis(2-Chloroethoxy)Methane	111-91-1	330	U	440	U	330	UJ	190	U	220	U
Bis(2-Chloroethyl)Ether	111-44-4	330	UJ	440	U	330	UJ	190	U	220	U
Bis(2-Ethylhexyl)Phthalate	117-81-7	330	U	130	J	330	UJ	190	U	30	JB
Butylbenzylphthalate	85-68-7	330	U	440	U	330	UJ	390	J	220	U
Caprolactam	105-60-2	330	U			330	UJ	190	U	220	U
Carbazole	86-74-8	330	U	440	U	330	UJ	370	J	42	J
Chrysene	218-01-9	330	U	220	J	330	UJ	2200		410	
Dibenz(A,H)Anthracene	53-70-3	330	U	54	J	330	UJ	140	J	51	J
Dibenzofuran	132-64-9	330	U	440	U	330	UJ	130	J	220	U
Diethylphthalate	84-66-2	330	U	440	U	330	UJ	190	U	220	U
Dimethylphthalate	131-11-3	330	U	440	U	330	UJ	190	U	220	U
Di-N-Butyl Phthalate	84-74-2	330	U	50	J	330	UJ	68	J	220	U
Di-N-Octyl Phthalate	117-84-0	330	U	440	U	330	UJ	190	UJ	220	U
Fluoranthene	206-44-0	330	U	380	J	330	UJ	5200	D	750	
Fluorene	86-73-7	330	U	440	U	330	UJ	310	J	32	J
Hexachlorobenzene	118-74-1	330	U	440	U	330	UJ	190	U	220	U
Hexachlorobutadiene	87-68-3	330	U	440	U	330	UJ	190	U	220	U
Hexachlorocyclopentadiene	77-47-4	330	U	440	U	330	UJ	190	UJ	220	U

Appendix H
Analytical Data Summary
SVOCs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	Pine Grove Cemetery		Pine Grove Cemetery		Pine Grove Cemetery		Vacant Monroe Parcel		Vacant Monroe Parcel	
	Top Depth	0.5		0.5		5		0		5	
	Sample Location	SB56		SS-55		SB56		SS141		SB138	
	Sample ID	S-051204-JR-001		APK46		S-051204-JR-002		80018-SS141-0006		80018-SB138-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		D2		D2	
	Bottom Depth	4.5		2		10		0.5		7	
	Sample Date	5/12/2004		4/28/1999		5/12/2004		10/16/2008		10/31/2008	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Hexachloroethane	67-72-1	330	UJ	440	U	330	UJ	190	U	220	U
Indeno(1,2,3-CD)Pyrene	193-39-5	330	U	140	J	330	UJ	440		150	J
Isophorone	78-59-1	330	U	440	U	330	UJ	190	U	220	U
Naphthalene	91-20-3	330	UJ	440	U	330	UJ	23	J	220	U
Nitrobenzene	98-95-3	330	U	440	U	330	UJ	190	U	220	U
N-Nitroso-Di-N-Propylamine	621-64-7	330	U	440	U	330	UJ	190	U	220	U
N-Nitrosodiphenylamine	86-30-6	330	U			330	UJ	190	U	220	U
Pentachlorophenol	87-86-5	1600	U	1100	U	1600	UJ	360	U	420	U
Phenanthrene	85-01-8	330	U	220	J	330	UJ	3000	D	450	
Phenol	108-95-2	330	U	440	U	330	UJ	190	U	220	U
Pyrene	129-00-0	330	U	380	J	330	UJ	3000	D	540	

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
D- Result reported from a diluted analysis
E - Substance was detected above calibration limit
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		5		2		4		0		0		0		0	
	Sample Location	SB09		SB102		SB103		SB104		SB17		SB30		SS06		SS102	
	Sample ID	SB09-00-05~A0RG4-20~~102202		80018-SB102-0506		80018-SB103-0203		80018-SB104-0405		A0SE5-5~~~102302		A0SE5-1~~~102302		SS-06~A0RG2-14~~103102		80018-SS102-0006	
	Risk Zone	B		A		A		A		B		B		B		A	
	Bottom Depth	5		6		3		5		1		4		0.25		0.5	
	Sample Date	10/22/2002		11/11/2008		11/11/2008		11/12/2008		10/23/2002		10/23/2002		10/31/2002		10/16/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	4	U	32		4.7	U	4.3	U	8.3	U	4.6	U	4.2	U	9.6	J
4,4'-DDE	72-55-9	4	U	6		4.7	U	4.3	U	7.3	JP	3.3	JP			3.9	J
4,4'-DDT	50-29-3	4	U	7.5	J	4.7	U	4.3	U	8.3	U	4.6	U			15	J
ALDRIN	309-00-2	2	U	2.3	U	2.4	U	2.2	U	4.3	U	2.4	U	2.2	U	2.2	U
ALPHA-BHC	319-84-6	2	U	2.3	U	2.4	U	2.2	U	4.3	U	2.4	U	2.2	U	2.2	U
alpha-Chordane	5103-71-9	2	U	11		2.4	U	2.2	U			2.4	U			R	
BETA-BHC	319-85-7	2	U	2.3	U	2.4	U	2.2	U	4.3	U	2.4	U	2.2	U	2.2	U
DELTA-BHC	319-86-8	2	U	2.3	U	2.4	U	2.2	U	4.3	U	2.4	U	2.2	U	2.2	U
DIELDRIN	60-57-1	4	U	4.5	U	11		4.3	U	8.3	U	4.6	U	4.2	U	4.2	U
ENDOSULFAN I	959-98-8	2	U	2.3	U	2.4	U	2.2	U	4.3	U	2.4	U	2.2	U	2.2	U
ENDOSULFAN II	33213-65-9	4	U	4.5	U	4.7	U	4.3	U	8.3	U	4.6	U	4.2	U	4.2	U
ENDOSULFAN SULFATE	1031-07-8	4	U	4.8	J	4.7	U	4.3	U	5.4	JP	4.6	U	4.2	U	R	
ENDRIN	72-20-8	4	U	4.5	U	4.7	U	4.3	U	8.3	U	4.6	U	4.2	U	4.2	U
ENDRIN ALDEHYDE	7421-93-4	2.2	JP	4.5	U	4.7	U	4.3	U	8.3	U	4.6	U	4.2	U	6.9	
ENDRIN KETONE	53494-70-5	6.7		9.4	J	4.7	U	4.3	U	8.3	U	4.6	U	4.2	U	R	
gamma-BHC (Lindane)	58-89-9	2	U	2.3	U	2.4	U	2.2	U	4.3	U	2.4	U	2.2	U	2.2	U
GAMMA-CHLORDANE	5103-74-2	2	U	12		2.4	U	2.2	U			2.4	U	2	JP	3.5	
HEPTACHLOR	76-44-8	2	U	2.3	U	2.4	U	2.2	U	4.3	U	2.4	U	2.2	U	2.2	U
HEPTACHLOR EPOXIDE	1024-57-3	2	U	2.3	U	2.4	U	2.2	U	4.3	U	2.4	U	2.2	U	2.2	U
METHOXYCHLOR	72-43-5	20	U	23	U	24	U	22	U	43	U	24	U	22	U	22	U
TOXAPHENE	8001-35-2	200	U	230	U	240	U	220	U	430	U	240	U	220	U	220	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.	(Site) Store Ave.	(Site) Store Ave.	(Site) Store Ave.	(Site) Store Ave.	(Site) Store Ave.	(Site) Store Ave.	(Site) Store Ave.
	Top Depth	0	0	0	0	0	0	0.5	0.5
	Sample Location	SS103	SS104	SS13	SS22	SS-28	SS-30	SS-28	SS-30
	Sample ID	80018-SS103-0006	80018-SS104-0006	SS-013~A0RG4-2~~102402	SS-022~A0KK9-3~~110102	APJ87	APJ91	APJ88	APJ92
	Risk Zone	A	A	B	B	B	B	B	B
	Bottom Depth	0.5	0.5	0.25	0.25	0.5	0.5	2	2
	Sample Date	10/16/2008	10/16/2008	10/24/2002	11/1/2002	4/26/1999	4/26/1999	4/26/1999	4/26/1999
	Sample Type	N	N	N	N	N	N	N	N
	Field Duplicate Parent								
	Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
4,4'-DDD	72-54-8	9.8 J	5.2 U	4.3 U	4.4 U	4.2 U	4.3 U	3.6 J	3.8 J
4,4'-DDE	72-55-9	62	5.2 U		4.4 U	1.6 J	R	3.1 J	9.2 J
4,4'-DDT	50-29-3	110 D	5.2 U		4.4 U	4.3 J	3.7 J	6 J	12
ALDRIN	309-00-2	2.5 U	2.7 U	2.2 U	2.3 U	2.2 U	2.2 U	R	R
ALPHA-BHC	319-84-6	2.5 U	2.7 U	2.2 U	2.3 U	R	2.2 U	R	2 U
alpha-Chordane	5103-71-9	3.5 J	2.7 U		2.3 U	2.2 U	4 EB	4.2 JEB	2 U
BETA-BHC	319-85-7	2.5 U	2.7 U	2.2 U	2.3 U	R	2.2 U	R	R
DELTA-BHC	319-86-8	2.5 U	2.7 U	2.2 U	2.3 U	2.2 U	2.2 U	R	2 U
DIELDRIN	60-57-1	4.9 U	5.2 U	4.3 U	4.4 U	4.2 U	4.3 U	R	4 U
ENDOSULFAN I	959-98-8	2.5 U	2.7 U	0.8 JP	1.6 JP	2.2 U	2.2 U	R	2 U
ENDOSULFAN II	33213-65-9	4.9 U	5.2 U	4.3 U	4.4 U	4.2 U	4.3 U	R	4 U
ENDOSULFAN SULFATE	1031-07-8	9.8 J	5.2 U		11	4.2 U	4.3 U	R	5.8
ENDRIN	72-20-8	11	5.2 U			R	4.3 U	R	R
ENDRIN ALDEHYDE	7421-93-4	R	5.2 U		4.4 U	4.2 U	4.3 U	R	4 U
ENDRIN KETONE	53494-70-5	25	5.2 U			4.2 U	4.3 U	R	4 U
gamma-BHC (Lindane)	58-89-9	2.5 U	2.7 U	2.2 U	2.3 U	2.2 U	2.2 U	R	2 U
GAMMA-CHLORDANE	5103-74-2	3.2 J	2.7 U	2.2 U	23	2.2 U	R	R	R
HEPTACHLOR	76-44-8	2.5 U	2.7 U	2.2 U	1.2 JP	2.2 U	2.2 U	0.25 J	2 U
HEPTACHLOR EPOXIDE	1024-57-3	1.7 J	2.7 U	2.2 U	1.8 JP	2.2 U	R	R	0.94 JEB
METHOXYCHLOR	72-43-5	25 U	27 U		23 U	22 U	22 U	R	R
TOXAPHENE	8001-35-2	250 U	270 U	220 U	230 U	220 U	220 U	R	200 U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		100 Monroe Ave.		100 Monroe Ave.	
	Top Depth	4		4		5		0		0.5	
	Sample Location	SB10		SB170		SB168		SS-53		SS-53	
	Sample ID	SB-10-04-05~021014-08~~100402		80018-SB170-0405		80018-SB168-0507		APK41		APK42	
	Risk Zone	C		B		B		D2		D2	
	Bottom Depth	5		5		7		0.5		2	
	Sample Date	10/4/2002		11/11/2008		10/29/2008		4/28/1999		4/28/1999	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	4.4	U	6.9	J	3.8	U	23	U	20	U
4,4'-DDE	72-55-9	4.4	U	2.5	J	3.8	U	19	J	70	
4,4'-DDT	50-29-3	4.4	U	5.1	J	3.8	U	R		270	
ALDRIN	309-00-2	2.3	U	2.1	U	1.9	U	12	U	10	U
ALPHA-BHC	319-84-6	2.3	U	2.1	U	1.9	U	12	U	10	U
alpha-Chordane	5103-71-9	2.3	U	2.6	J	1.9	U	12	U	10	U
BETA-BHC	319-85-7	2.3	U	2.1	U	1.9	U	R		10	U
DELTA-BHC	319-86-8	2.3	U	2.1	U	1.9	U	12	U	10	U
DIELDRIN	60-57-1	4.4	U	4	U	3.8	U	23	U	20	U
ENDOSULFAN I	959-98-8	2.3	U	2.1	U	1.9	U	12	U	10	U
ENDOSULFAN II	33213-65-9	4.4	U	4	U	3.8	U	23	U	20	U
ENDOSULFAN SULFATE	1031-07-8	4.4	U	5.4	J	3.8	U	23	U	20	U
ENDRIN	72-20-8	4.4	U	4	U	3.8	U	R		R	
ENDRIN ALDEHYDE	7421-93-4	4.4	U	4	U	3.8	U	23	U	20	U
ENDRIN KETONE	53494-70-5	4.4	U	12	J	3.8	U	23	U	20	U
gamma-BHC (Lindane)	58-89-9	2.3	U	2.1	U	1.9	U	12	U	10	U
GAMMA-CHLORDANE	5103-74-2	2.3	U	3.2		1.9	U	12	U	10	U
HEPTACHLOR	76-44-8	2.3	U	2.1	U	1.9	U	12	U	10	U
HEPTACHLOR EPOXIDE	1024-57-3	2.3	U	2.1	U	1.9	U	12	U	10	U
METHOXYCHLOR	72-43-5	23	U	21	U	19	U	R		R	
TOXAPHENE	8001-35-2	230	U	210	U	190	U	1200	U	1000	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		118 Monroe Ave.		118 Monroe Ave.		129 Academy Ave.		134 Monroe Ave.		134 Monroe Ave.	
	Top Depth	0		0.5		5		5		0		2		4		0		2	
	Sample Location	SS75		SB84		SB84		SB84		SS128		SB131		SB100		SS130		SB132	
	Sample ID	S-052004-DK-143		S-051304-JR-071		S-051304-JR-073		S-051304-JR-077		80018-SS128-0006		80018-SB131-0204		80018-SB100-0405		80018-SS130-0006		80018-SB132-0204	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C		A		C		C	
	Bottom Depth	0.5		4		10		10		0.5		4		5		0.5		4	
	Sample Date	5/20/2004		5/13/2004		5/13/2004		5/13/2004		10/23/2008		10/24/2008		11/11/2008		10/23/2008		10/24/2008	
	Sample Type	N		N		N		FD		N		N		N		N		N	
	Field Duplicate Parent							S-051304-JR-073											
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8		R	3.6	UJ	3.5	UJ	3.5	UJ	8.8	J	3.4	U	4.4	U	22		4.1	U
4,4'-DDE	72-55-9		R	1.1	J	3.5	UJ	3.5	UJ	5.8	J	3.4	U	4.4	U	31		4.1	U
4,4'-DDT	50-29-3	5.5	J		R	3.5	UJ	3.5	UJ	17	J	1.9	J	4.4	U	60		4.1	U
ALDRIN	309-00-2	2.3	U	2.2	UJ	2.1	UJ	2.1	UJ	1.8	U	1.8	U	2.3	U	3.6	U	2.1	U
ALPHA-BHC	319-84-6	1.9	U	1.8	UJ	1.8	UJ	1.8	UJ	1.8	U	1.8	U	2.3	U	3.6	U	2.1	U
alpha-Chordane	5103-71-9									26		2.5		2.3	U	91	D	2.1	U
BETA-BHC	319-85-7	1.9	U	1.8	UJ	1.8	UJ	1.8	UJ	1.8	U	1.3	J	2.3	U	3.6	U	2.1	U
DELTA-BHC	319-86-8	1.9	U	1.8	UJ	1.8	UJ		R	1.8	U	1.8	U	2.3	U	130	D	1.3	J
DIELDRIN	60-57-1	3.8	U	3.6	UJ	3.5	UJ	3.5	UJ	3.4	U	3.4	U	4.4	U	7	U	4.1	U
ENDOSULFAN I	959-98-8	1.9	U	1.8	UJ	1.8	UJ	1.8	UJ	1.8	U	1.8	U	2.3	U	3.6	UJ	2.1	U
ENDOSULFAN II	33213-65-9	3.8	U	3.6	UJ	3.5	UJ	3.5	UJ	3.4	U	3.4	U	4.4	U	7	U	4.1	U
ENDOSULFAN SULFATE	1031-07-8	3.8	UJ	3.6	UJ	3.5	UJ	3.5	UJ	3.4	U	3.4	U	4.4	U	7	UJ	4.1	U
ENDRIN	72-20-8	5.7	U	5.4	UJ	5.3	UJ	5.3	UJ	3.4	U	3.4	U	4.4	U	7	U	4.1	U
ENDRIN ALDEHYDE	7421-93-4	3.8	U	3.6	UJ	3.5	UJ	3.5	UJ	3.4	U	3.4	U	4.4	U	5.1	J	4.1	U
ENDRIN KETONE	53494-70-5	2.1	J	3.6	UJ	3.5	UJ	3.5	UJ	3.4	U	3.4	U	4.4	U		R	4.1	U
gamma-BHC (Lindane)	58-89-9	1.9	U	1.8	UJ	1.8	UJ	1.8	UJ	1.8	U	1.8	U	2.3	U	3.6	U	2.1	U
GAMMA-CHLORDANE	5103-74-2									18		2.2		2.3	U	35		2.1	U
HEPTACHLOR	76-44-8		R	1.8	UJ	1.8	UJ	1.8	UJ	1.8	U	1.8	U	2.3	U	3.6	U	2.1	U
HEPTACHLOR EPOXIDE	1024-57-3	1.9	U	1.8	UJ	1.8	UJ	1.8	UJ	2.5	J	1.8	U	2.3	U	16	J	2.1	U
METHOXYCHLOR	72-43-5	19	U	18	UJ	18	UJ	18	UJ	18	U	18	U	23	U	36	U	21	U
TOXAPHENE	8001-35-2	77	U	73	UJ	71	UJ	71	UJ	180	U	180	U	230	U	360	U	210	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.	
	Top Depth	0		0		0		0		0.5		5		10	
	Sample Location	SB87		SS32		SS-51		SS79		SS-51		SB87		SB87	
	Sample ID	S-18281-051304-JR-059		SS-032~A0KK9-1~~110102		APK37		S-052004-DK-142		APK38		S-18281-051304-JR-061		S-18281-051304-JR-063	
	Risk Zone	A		A		A		A		A		A		A	
	Bottom Depth	2		0.25		0.5		0.5		2		10		15	
	Sample Date	5/13/2004		11/1/2002		4/28/1999		5/20/2004		4/28/1999		5/13/2004		5/13/2004	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.6	U	4.5	U	3.7	U	12	J	3.9	U	3.5	U	3.5	U
4,4'-DDE	72-55-9	3.6	J	4.4	J	22		20	J	2	J	3.5	U	3.5	U
4,4'-DDT	50-29-3	1.1	J			32		R		R		3.5	U	3.5	U
ALDRIN	309-00-2	2.2	U	2.3	U	1.9	U	2.3	UJ	2	U	2.1	U	2.1	U
ALPHA-BHC	319-84-6	1.8	U	2.3	U	1.9	U	2	UJ	2	U	1.8	U	1.8	U
alpha-Chordane	5103-71-9			2.3	U	R				2	U				
BETA-BHC	319-85-7	1.8	UJ	2.3	U	R		2	UJ	2	U	1.8	U	1.8	U
DELTA-BHC	319-86-8	1.8	UJ	2.3	U	1.9	U	2	UJ	2	U	1.8	U	1.8	U
DIELDRIN	60-57-1	3.6	U	4.5	U	2.6	J	3.8	UJ	3.9	U	3.5	U	3.5	U
ENDOSULFAN I	959-98-8	1.8	U	2.3	U	1.9	U	2	UJ	2	U	1.8	U	1.8	U
ENDOSULFAN II	33213-65-9	3.6	UJ	4.5	U	3.7	U	3.8	UJ	3.9	U	3.5	U	3.5	U
ENDOSULFAN SULFATE	1031-07-8	3.6	U	2.1	JP	3.7	U	3.8	UJ	R		3.5	U	3.5	U
ENDRIN	72-20-8	5.4	U	4.5	U	R		5.8	UJ	R		5.4	U	5.4	U
ENDRIN ALDEHYDE	7421-93-4	3.6	UJ	4.5	U	3.7	U	3.8	UJ	R		3.5	U	3.5	U
ENDRIN KETONE	53494-70-5	3.6	UJ			3.7	U	3.8	UJ	R		3.5	U	3.5	U
gamma-BHC (Lindane)	58-89-9	1.8	U	2.3	U	0.13	J	2	UJ	2	U	1.8	U	1.8	U
GAMMA-CHLORDANE	5103-74-2			2.3	U	1.9	U			2	U				
HEPTACHLOR	76-44-8	1.8	U	2.3	U	1.9	U	2	UJ	2	U	1.8	U	1.8	U
HEPTACHLOR EPOXIDE	1024-57-3	1.8	UJ	2.3	U	R		2	UJ	2	U	1.8	U	1.8	U
METHOXYCHLOR	72-43-5	7.6	J	23	U	19	U	R		R		18	U	18	U
TOXAPHENE	8001-35-2	73	U	230	U	190	U	78	UJ	200	U	72	U	72	U

Notes:

µg/Kg - Micrograms per Kilogram (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	136 Store Ave.		137 Academy Ave.		141 Academy Ave.		141 Academy Ave.		141 Academy Ave.		142 Monroe Ave.		143 Newbury Ave.	
	Top Depth	0		0		0		0		4		0		0	
	Sample Location	SS36		SS34		SS101		SS101		SB101		SS131		SS07	
	Sample ID	SS-036~A0KK9-12~~110102		SS-034~A0RG2-11~~103102		80018-DUP100-0006		80018-SS101-0006		80018-SB101-0405		80018-SS131-0006		SS-07~021014-12~~100402	
	Risk Zone	Scovill-Offiste		B		A		A		A		C		C	
	Bottom Depth	0.25		0.25		0.5		0.5		5		0.5		0.25	
	Sample Date	11/1/2002		10/31/2002		10/16/2008		10/16/2008		11/11/2008		10/22/2008		10/4/2002	
	Sample Type	N		N		FD		N		N		N		N	
	Field Duplicate Parent					80018-SS101-0006									
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	4.3	U	5.7	U	10		10	J	7.7		16		4.8	U
4,4'-DDE	72-55-9					18		20		5.6		6.1		4.8	U
4,4'-DDT	50-29-3					22		19	J	2.6	J	7.5		4.8	U
ALDRIN	309-00-2	2.2	U	2.9	U	2.5	U	2.4	U	2.4	U	2	U	2.5	U
ALPHA-BHC	319-84-6			2.9	U	2.5	U	2.4	U	2.4	U	2	U	2.5	U
alpha-Chordane	5103-71-9			2.9	U	20	J	19	J	1.5	J	33	DJ	2.5	U
BETA-BHC	319-85-7	2.2	U	2.9	U	2.5	U	2.4	UJ	2.4	U	2	U	2.5	U
DELTA-BHC	319-86-8	2.2	U	2.9	U	2.5	U	2.4	U	2.4	U	2	U	2.5	U
DIELDRIN	60-57-1	4.3	U	5.7	U	4.8	U	4.7	U	4.7	U	40		4.8	U
ENDOSULFAN I	959-98-8	2.2	U	2.9	U	1.3	J	2.4	U	2.4	U	2	U	2.5	U
ENDOSULFAN II	33213-65-9	4.3	U	5.7	U	4.8	U	4.7	U	4.7	U	3.9	U	4.8	U
ENDOSULFAN SULFATE	1031-07-8			5.7	U	12	J	13	J	4.7	U	3.9	U	4.8	U
ENDRIN	72-20-8	4.3	U	5.7	U	4.8	UJ	4.7	UJ	4.7	U	3.9	U	4.8	U
ENDRIN ALDEHYDE	7421-93-4			5.7	U	6		8.4		4.7	U	3.9	U	4.8	U
ENDRIN KETONE	53494-70-5	4.3	U	3.9	JP	R		25		3.5	J	2.1	J	4.8	U
gamma-BHC (Lindane)	58-89-9	2.2	U	2.9	U	2.5	U	2.4	U	2.4	U	2	U	2.5	U
GAMMA-CHLORDANE	5103-74-2			2.9	U	13		11	J	1.4	J	17		2.5	U
HEPTACHLOR	76-44-8	2.2	U	2.9	U	2.5	U	2.4	U	2.4	U	2	U	2.5	U
HEPTACHLOR EPOXIDE	1024-57-3			2.9	U	2.5	U	2.4	U	2.4	U	6.6		2.5	U
METHOXYCHLOR	72-43-5	22	U	29	U	25	U	24	U	24	U	20	U	25	U
TOXAPHENE	8001-35-2	220	U	290	U	250	U	240	U	240	U	200	U	250	U

Notes:

µg/Kg - Micrograms per Kilogram (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.
	Top Depth	0	0	0	0	0	0	0.5	0.5	0.5	3.5
	Sample Location	SB53	SS-29	SS-31	SS-32	SS78	SS78	SS-29	SS-31	SS-32	SB53
	Sample ID	S-051804-JR-106	APJ89	APJ93	APJ95	S-052004-DK-118	S-052004-DK-119	APJ90	APJ94	APJ96	S-051804-JR-120
	Risk Zone	B	B	C	B	B	B	B	C	B	B
	Bottom Depth	2	0.5	0.5	0.5	0.5	0.5	2	2	2	6
	Sample Date	5/18/2004	4/26/1999	4/26/1999	4/26/1999	5/20/2004	5/20/2004	4/26/1999	4/26/1999	4/26/1999	5/18/2004
	Sample Type	N	N	N	N	N	FD	N	N	N	N
	Field Duplicate Parent						S-052004-DK-118				
	Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
4,4'-DDD	72-54-8	3.8 UJ	4.1 U	4 U	3.9 U	4.4 UJ	4.2 UJ	3.8 U	4 U	4.1 U	4.8 UJ
4,4'-DDE	72-55-9	6.6 J	9.6	R	7.7 J	7.5 J	9.5 J	3.8 U	2.1 J	3 J	3.4 J
4,4'-DDT	50-29-3	3.8 U	8.8	9	7.7	4.4 UJ	2.6 J	3.8 U	2 J	3.5 J	1.4 J
ALDRIN	309-00-2	2.3 U	2.1 U	2.1 U	2 U	2.6 UJ	2.5 UJ	2 U	2 U	2.1 U	2.9 U
ALPHA-BHC	319-84-6	2 U	2.1 U	2.1 U	2 U	2.2 UJ	2.2 UJ	2 U	2 U	2.1 U	2.5 U
alpha-Chordane	5103-71-9		R	44 JEB	R			2 U	R	0.75 JEB	
BETA-BHC	319-85-7	2 U	2.1 U	2.1 U	2 U	2.2 UJ	2.2 UJ	R	2 U	2.1 U	2.5 U
DELTA-BHC	319-86-8	2 U	2.1 U	10 U	2 U	2.2 UJ	2.2 UJ	2 U	2 U	2.1 U	2.5 U
DIELDRIN	60-57-1	3.8 U	4.1 U	1.4 JEB	3.9 U	4.4 UJ	4.2 UJ	3.8 U	4 U	4.1 U	4.8 U
ENDOSULFAN I	959-98-8	2 U	2.1 U	0.81 J	2 U	2.2 UJ	2.2 UJ	2 U	2 U	2.1 U	2.5 U
ENDOSULFAN II	33213-65-9	3.8 U	4.1 U	4 U	3.9 U	4.4 UJ	4.2 UJ	3.8 U	4 U	4.1 U	4.8 U
ENDOSULFAN SULFATE	1031-07-8	3.8 U	4.1 U	4 U	3.9 U	4.4 UJ	4.2 UJ	3.8 U	1.2 J	4.1 U	4.8 U
ENDRIN	72-20-8	5.8 U	4.1 U	20 U	3.9 U	6.6 UJ	6.3 UJ	3.8 U	4 U	4.1 U	7.3 U
ENDRIN ALDEHYDE	7421-93-4	3.8 U	4.1 U	20 U	3.9 U	4.4 UJ	4.2 UJ	3.8 U	4 U	4.1 U	4.8 U
ENDRIN KETONE	53494-70-5	3.8 U	4.1 U	4 U	2.8 J	4.4 UJ	4.2 UJ	3.8 U	4 U	4.1 U	4.8 U
gamma-BHC (Lindane)	58-89-9	2 U	2.1 U	2.1 U	2 U	2.2 UJ	2.2 UJ	2 U	2 U	2.1 U	2.5 U
GAMMA-CHLORDANE	5103-74-2		2.1 U	25 J	R			2 U	0.68 J	2.1 U	
HEPTACHLOR	76-44-8	2 UJ	2.1 U	2.1 U	2 U	2.2 UJ	2.2 UJ	2 U	2 U	2.1 U	2.5 UJ
HEPTACHLOR EPOXIDE	1024-57-3	2 U	R	2.5 JEB	2 U	2.2 UJ	0.51 J	2 U	2 U	2.1 U	2.5 U
METHOXYCHLOR	72-43-5	20 UJ	R	21 U	20 U	R	R	2 U	20 U	3.6 J	25 UJ
TOXAPHENE	8001-35-2	78 U	210 U	210 U	200 U	88 UJ	85 UJ	200 U	200 U	210 U	98 U

Notes:

µg/Kg - Micrograms per Kilogram (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		148 Academy Ave.		148 Academy Ave.		148 Academy Ave.		148 Academy Ave.		148 Academy Ave.	
	Top Depth	6		6.5		6.5		13		0		0		0		0.5		0.5	
	Sample Location	MW1		SB53		SB53		SB53		SS-41		SS-41		SS-42		SS-41		SS-42	
	Sample ID	S-071604-DK-207		S-051804-JR-121		S-051804-JR-122		S-051804-JR-123		APK14		APK15		APK17		APK16		APK18	
	Risk Zone	B		B		B		B		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	10		10		10		15		0.5		0.5		0.5		2		2	
	Sample Date	7/16/2004		5/18/2004		5/18/2004		5/18/2004		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999	
	Sample Type	N		N		FD		N		N		FD		N		N		N	
	Field Duplicate Parent					S-051804-JR-121						APK14							
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.7	U	3.6	UJ	3.6	UJ	3.6	UJ	4.1	U	4	U	3.9	U	4	U	4	
4,4'-DDE	72-55-9	3.7	U	3.6	U	3.6	U	3.6	U	4.1	U	2.3	J	3.9	U	4	U	1.8	J
4,4'-DDT	50-29-3	3.7	UJ	3.6	U	3.6	U	3.6	U	8.8	J	3.8	J	5.4	J	4	U	1.3	J
ALDRIN	309-00-2	2.2	U	2.2	U	2.2	U	2.2	U	2.1	U	2	U	2	U	2	U	2.1	
ALPHA-BHC	319-84-6	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2	U	2	U	2	U	2.1	
alpha-Chordane	5103-71-9									2.1	U	2	U	2	U	2	U	2.1	
BETA-BHC	319-85-7	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2	U	2	U	2	U	2.1	
DELTA-BHC	319-86-8	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2	U	2	U	2	U	2.1	
DIELDRIN	60-57-1	3.7	U	3.6	U	3.6	U	3.6	U	R		R		R		4	U	4	
ENDOSULFAN I	959-98-8	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2	U	2	U	2	U	2.1	
ENDOSULFAN II	33213-65-9	3.7	UJ	3.6	U	3.6	U	3.6	U	4.1	U	4	U	3.9	U	4	U	4	
ENDOSULFAN SULFATE	1031-07-8	3.7	U	3.6	U	3.6	U	3.6	U	6.6	J	4	U	5.2	J	4	U	4	
ENDRIN	72-20-8	5.6	U	5.4	U	5.5	U	5.5	U	4.1	U	4	U	3.9	U	4	U	4	
ENDRIN ALDEHYDE	7421-93-4	3.7	UJ	3.6	U	3.6	U	3.6	U	R		R		R		4	U	4	
ENDRIN KETONE	53494-70-5	3.7	U	3.6	U	3.6	U	3.6	U	4.1	U	4	U	5		4	U	4	
gamma-BHC (Lindane)	58-89-9	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2	U	2	U	2	U	2.1	
GAMMA-CHLORDANE	5103-74-2									2.1	U	2	U	2	U	2	U	2.1	
HEPTACHLOR	76-44-8	1.9	U	1.8	UJ	1.9	UJ	1.9	UJ	2.1	U	2	U	2	U	2	U	2.1	
HEPTACHLOR EPOXIDE	1024-57-3	1.9	UJ	1.8	U	1.9	U	1.9	U	2.1	U	2	U	2	U	2	U	2.1	
METHOXYCHLOR	72-43-5	19	UJ	18	UJ	19	UJ	19	UJ	21	U	5.6	J	20	U	20	U	21	
TOXAPHENE	8001-35-2	75	U	73	U	74	U	73	U	210	U	200	U	200	U	200	U	210	

Notes:

µg/Kg - Micrograms per Kilogram (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	149 Academy Ave.		15 Donald Terr.		15 Donald Terr.		150 Monroe Ave.		158 Monroe Ave.		161 Academy Ave.	
	Top Depth	0.5		0		0.5		0		0		0	
	Sample Location	SS-52		SS-46		SS-46		SS132		SS133		SB29	
	Sample ID	APK40		APK26		APK27		80018-SS132-0006		80018-SS133-0006		A0SE5-2~~~102302	
	Risk Zone	A		Scovill-Offiste		Scovill-Offiste		C		C		A	
	Bottom Depth	2		0.5		2		0.5		0.5		4	
	Sample Date	4/28/1999		4/28/1999		4/28/1999		10/22/2008		10/22/2008		10/23/2002	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	4	U	4.3	U	2.3	J	3.8	J	2.4	J	4.7	JP
4,4'-DDE	72-55-9	4.8	J	9.9	J	4.3	U	4.3	U	4.5	U	3.4	JP
4,4'-DDT	50-29-3	16		9.9	J	3.3	J	3	J	3.5	J		
ALDRIN	309-00-2	4.1	U	2.2	U	2.2	U	2.2	U	2.3	U	2.6	U
ALPHA-BHC	319-84-6	2.1	U	2.2	U	2.2	U	2.2	U	2.3	U	2.6	U
alpha-Chordane	5103-71-9	25	J	2.2	U	2.2	U	3.5	J	2.3	UJ	2.6	U
BETA-BHC	319-85-7	4.1	U	2.2	U	2.2	U	2.2	U	2.3	U	2.6	U
DELTA-BHC	319-86-8	2.1	U	2.2	U	2.2	U	2.2	U	2.3	U	2.6	U
DIELDRIN	60-57-1	4	U	R		4.3	U	4.3	U	4.5	U	5	U
ENDOSULFAN I	959-98-8	2.1	U	2.2	U	2.2	U	2.2	U	2.3	U	2.6	U
ENDOSULFAN II	33213-65-9	4	U	4.3	U	4.3	U	4.3	U	4.5	U	5	U
ENDOSULFAN SULFATE	1031-07-8	4	U	4.3	U	4.3	U	R		4.5	U	5	U
ENDRIN	72-20-8	R		R		4.3	U	4.3	U	4.5	U	5	U
ENDRIN ALDEHYDE	7421-93-4	4	U	3.6	J	1.6	J	4.3	U	4.5	U	5	U
ENDRIN KETONE	53494-70-5	4	U	4.3	U	4.3	U	R		4.5	U	5	U
gamma-BHC (Lindane)	58-89-9	2.1	U	2.2	U	2.2	U	2.2	U	2.3	U	2.6	U
GAMMA-CHLORDANE	5103-74-2	14		2.2	U	2.2	U	2.2	J	2.3	U	7	
HEPTACHLOR	76-44-8	2.1	U	2.2	U	2.2	U	2.2	U	2.3	U	2.6	U
HEPTACHLOR EPOXIDE	1024-57-3	2.9	JEB	2.2	U	2.2	U	2.2	U	2.3	U	2.6	U
METHOXYCHLOR	72-43-5	R		15	J	5.3	J	22	U	23	U	26	U
TOXAPHENE	8001-35-2	210	U	220	U	220	U	220	U	230	U	260	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		166 Monroe Ave.		167 Academy Ave.	
	Top Depth	0		0		0		5		10		10		0		0	
	Sample Location	SB88		SS33		SS80		SB88		SB88		SB88		SS134		SS-49	
	Sample ID	S-051704-JR-072		SS-033~A0KK9-8~~110102		SS-051704-DK-052		S-051704-JR-074		S-051704-JR-076		S-051704-JR-078		80018-SS134-0006		APK32	
	Risk Zone	A		A		A		A		A		A		C		A	
	Bottom Depth	2		0.25		0.5		10		15		15		0.5		0.5	
	Sample Date	5/17/2004		11/1/2002		5/17/2004		5/17/2004		5/17/2004		5/17/2004		10/22/2008		4/28/1999	
	Sample Type	N		N		N		N		N		FD		N		N	
	Field Duplicate Parent											S-051704-JR-076					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.5	U	6.5	U	R		3.5	U	3.6	U	3.6	U	20		4	UJ
4,4'-DDE	72-55-9	25		6.5	U	15	J	3.5	U	3.6	U	3.6	U	12		4	UJ
4,4'-DDT	50-29-3	9.8		6.5	U	27	J	R		R		R		18		3.2	J
ALDRIN	309-00-2	R		3.3	U	2.3	U	2.1	UJ	2.2	UJ	2.2	UJ	2.1	U	2.1	UJ
ALPHA-BHC	319-84-6	1.8	U	3.3	U	2	U	1.8	U	1.8	U	1.8	U	2.1	U	2.1	UJ
alpha-Chordane	5103-71-9			3.3	U									23	J	2.1	UJ
BETA-BHC	319-85-7	0.78	J	3.3	U	2	U	1.8	UJ	1.8	UJ	1.8	UJ	2.1	U	2.1	UJ
DELTA-BHC	319-86-8	1.8	U	3.3	U	2	U	1.8	UJ	1.8	UJ	1.8	UJ	2.1	U	2.1	UJ
DIELDRIN	60-57-1	3.5	U	6.5	U	R		3.5	U	3.6	U	3.6	U	4.1	U	1.3	JEB
ENDOSULFAN I	959-98-8	1.8	U	3.3	U	2	U	1.8	U	1.8	U	1.8	U	2.1	U	2.1	UJ
ENDOSULFAN II	33213-65-9	3.5	U	6.5	U	3.8	U	3.5	U	3.6	U	3.6	U	4.1	U	4	UJ
ENDOSULFAN SULFATE	1031-07-8	3.5	U	6.5	U	3.8	U	3.5	U	3.6	U	3.6	U	4.2	J	1.7	J
ENDRIN	72-20-8	5.3	U	6.5	U	5.8	U	5.3	U	5.4	U	5.4	U	2.3	J	4	UJ
ENDRIN ALDEHYDE	7421-93-4	3.5	U	6.5	U	3.8	U	3.5	U	3.6	U	3.6	U	4.1	U	4	UJ
ENDRIN KETONE	53494-70-5	3.5	U	6.5	U	3.8	U	3.5	U	3.6	U	3.6	U	R		4	UJ
gamma-BHC (Lindane)	58-89-9	1.8	U	3.3	U	2	U	1.8	U	1.8	U	1.8	U	2.1	U	2.1	UJ
GAMMA-CHLORDANE	5103-74-2			3.3	U									12		2.1	UJ
HEPTACHLOR	76-44-8	0.52	J	3.3	U	2	UJ	1.8	U	1.8	U	1.8	U	2.1	U	2.1	UJ
HEPTACHLOR EPOXIDE	1024-57-3	1.8	U	3.3	U	10	J	1.8	UJ	1.8	UJ	1.8	UJ	2.9	J	2.1	UJ
METHOXYCHLOR	72-43-5	60	J	33	U	20	U	18	U	18	U	18	U	21	U	21	UJ
TOXAPHENE	8001-35-2	71	U	330	U	78	U	71	U	72	U	73	U	210	U	210	UJ

Notes:

µg/Kg - Micrograms per Kilogram (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

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P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	167 Academy Ave.		167 Academy Ave.		169 Meriden Rd.		169 Meriden Rd.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.	
	Top Depth	0		0.5		0		5		0		0		0	
	Sample Location	SS-49		SS-49		SB55		SB55		SB03		SS02		SS09	
	Sample ID	APK34		APK33		S-051904-JR-137		S-051904-JR-138		SB03-00-05~2102210~~101602		SS-02~50959.02~~100802		SS-09~A0RG2-1~~103102	
	Risk Zone	A		A		Scovill-Offiste		Scovill-Offiste		D1*		D1*		D1*	
	Bottom Depth	0.5		2		2		7		5		0.25		0.25	
	Sample Date	4/28/1999		4/28/1999		5/19/2004		5/19/2004		10/16/2002		10/8/2002		10/31/2002	
	Sample Type	FD		N		N		N		N		N		N	
	Field Duplicate Parent	APK32													
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.86	J	4.1	U	3.6	U	4.1	U	3.8	U	29		4.2	U
4,4'-DDE	72-55-9	4	J	4.1	U	0.76	J	0.98	J	3.8	U	63			
4,4'-DDT	50-29-3	9.4	J	4.3	J	R		R		3.8	U	79			
ALDRIN	309-00-2	2.1	U	2.1	U	2.2	U	2.5	U	2	U	2	U	2.2	U
ALPHA-BHC	319-84-6	2.1	U	2.1	U	1.9	U	2.1	U	2	U	2	U	2.2	U
alpha-Chordane	5103-71-9	2.1	U	2.1	U					2	U	2	U	6.3	
BETA-BHC	319-85-7	2.1	U	2.1	U	1.9	U	2.1	U	2	U	2	U	2.2	U
DELTA-BHC	319-86-8	0.56	J	2.1	U	1.9	U	2.1	U	2	U	2	U	2.2	U
DIELDRIN	60-57-1	1.6	J	4.1	U	3.6	U	4.1	U	3.8	U	4	U	4.2	U
ENDOSULFAN I	959-98-8	2.1	U	2.1	U	1.9	U	2.1	U	2	U	2	U	2.2	U
ENDOSULFAN II	33213-65-9	4.1	U	4.1	U	3.6	U	4.1	U	3.8	U	4	U	4.2	U
ENDOSULFAN SULFATE	1031-07-8	4.1	U	4.1	U	3.6	U	4.1	U	3.8	U	4	U	4.2	U
ENDRIN	72-20-8	R		4.1	U	5.5	U	6.2	U	3.8	U	4	U	4.2	U
ENDRIN ALDEHYDE	7421-93-4	4.1	U	4.1	U	3.6	U	4.1	U	3.8	U	13	J	4.2	U
ENDRIN KETONE	53494-70-5	4.1	U	4.1	U	3.6	U	4.1	U	3.8	U	4	U		
gamma-BHC (Lindane)	58-89-9	0.18	J	2.1	U	1.9	U	2.1	U	2	U	2	U	2.2	U
GAMMA-CHLORDANE	5103-74-2	2.1	U	2.1	U					2	U	3.5	J	1.8	JP
HEPTACHLOR	76-44-8	2.1	U	2.1	U	1.9	U	2.1	U	2	U	2.5	U	2.2	U
HEPTACHLOR EPOXIDE	1024-57-3	R		2.1	U	1.9	U	2.1	U	2	U	2	U	2.2	U
METHOXYCHLOR	72-43-5	21	U	21	U	19	U	21	U	20	U	20	U		
TOXAPHENE	8001-35-2	210	U	210	U	73	U	83	U	200	U	200	U	220	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
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P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		17 Dunbar St.		172 Newbury St.		172 Newbury St.		174 Monroe Ave.		174 Monroe Ave.		175 Academy Ave.	
	Top Depth	0		0		0.5		5		0		0.5		0		2		0	
	Sample Location	SS108		SS-12		SS-12		SB110		SS-47		SS-47		SS135		SB134		SS105	
	Sample ID	80018-SS108-0006		APJ53		APJ54		80018-SB110-0507		APK28		APK29		80018-SS135-0006		80018-SB134-0203		80018-SS105-0006	
	Risk Zone	D1*		D1*		D1*		D1*		Scovill-Offiste		Scovill-Offiste		C		C		A	
	Bottom Depth	0.5		0.5		2		7		0.5		2		0.5		3		0.5	
	Sample Date	10/16/2008		4/27/1999		4/27/1999		10/27/2008		4/28/1999		4/28/1999		10/22/2008		11/12/2008		10/16/2008	
	Sample Type	N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																		
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.8	U	1.2	J	0.6	J	24		3.9	U	4.3	U	200		220		4.4	J
4,4'-DDE	72-55-9	4		13		14		30		3.9	U	0.76	J	58		91		14	
4,4'-DDT	50-29-3	9.8		23	J	23		13		2.6	J	4.3	U	34	J	38	J	13	
ALDRIN	309-00-2	2	U	1.9	U	1.8	U	2.2	U	2	U	2.2	U	10	U	7.6	J	3.5	U
ALPHA-BHC	319-84-6	2	U	0.3	J	1.8	U	2.2	U	2	U	2.2	U	10	U	10	U	3.5	U
alpha-Chordane	5103-71-9	2	U	R		1.8	U	2.2	U	2	U	2.2	U	1100	D	1300	D	3.5	UJ
BETA-BHC	319-85-7	2	U	R		R		2.2	U	2	U	2.2	U	10	U	10	U	3.5	U
DELTA-BHC	319-86-8	2	U	1.9	U	1.8	U	2.2	U	2	U	2.2	U	10	U	10	U	3.5	U
DIELDRIN	60-57-1	3.8	U	3.8	U	3.6	U	4.3	U	0.89	JEB	1.6	JEB	20	UJ	20	U	6.7	U
ENDOSULFAN I	959-98-8	2	U	1.9	U	1.8	U	2.2	U	2	U	2.2	U	R		140		3.5	U
ENDOSULFAN II	33213-65-9	3.8	U	3.8	U	3.6	U	4.3	U	3.9	U	4.3	U	20	UJ	21	J	6.7	U
ENDOSULFAN SULFATE	1031-07-8	3.8	U	4.2	J	3.1	J	4.3	U	3.9	U	0.64	J	20	U	20	U	6.7	U
ENDRIN	72-20-8	3.8	U	R		R		4.3	U	3.9	U	4.3	U	20	UJ	R		6.7	U
ENDRIN ALDEHYDE	7421-93-4	3.8	U	R		3.6	U	4.3	U	3.9	U	4.3	U	20	U	20	U	6.7	U
ENDRIN KETONE	53494-70-5	3.8	U	2.2	J	3.6	U	4.3	U	3.9	U	4.3	U	20	U	20	U	6.7	U
gamma-BHC (Lindane)	58-89-9	2	U	1.9	U	1.8	U	2.2	U	2	U	2.2	U	10	U	10	U	3.5	U
GAMMA-CHLORDANE	5103-74-2	2	U	1.9	U	1.8	U	2.2	U	2	U	2.2	U	700	D	900	D	3.5	U
HEPTACHLOR	76-44-8	2	U	1.9	U	0.43	J	2.2	U	2	U	2.2	U	18		27		3.5	U
HEPTACHLOR EPOXIDE	1024-57-3	2	U	1.9	U	0.98	JEB	2.2	U	2	U	2.2	U	150	J	160	JD	3.5	U
METHOXYCHLOR	72-43-5	20	U	R		18	U	22	U	3.4	J	22	U	100	U	100	U	35	U
TOXAPHENE	8001-35-2	200	U	190	U	180	U	220	U	200	U	220	U	1000	U	1000	U	350	U

Notes:

µg/Kg - Micrograms per Kilogram (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	195 Beecher Ave.		195 Beecher Ave.		195 Beecher Ave.		196 Monroe Ave.		196 Monroe Ave.		197 Academy Ave.		197 Academy Ave.		204 Monroe Ave.		211 Meriden Rd.	
	Top Depth	0		0		10		0		5		0		4		0		0	
	Sample Location	SB85		SS76		SB85		SS136		SB135		SS106		SB105		SS137		SS110	
	Sample ID	S-051404-JR-018		SS-051404-DK-034		S-051404-JR-028		80018-SS136-0006		80018-SB135-0507		80018-SS106-0006		80018-SB105-0405		80018-SS137-0006		80018-SS110-0006	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C		B		B		C		Scovill-Offiste	
	Bottom Depth	4		0.5		15		0.5		7		0.5		5		0.5		0.5	
	Sample Date	5/14/2004		5/14/2004		5/14/2004		10/15/2008		11/4/2008		10/16/2008		11/12/2008		10/15/2008		10/16/2008	
	Sample Type	N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																		
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.6	UJ	78	U	3.9	UJ	16		4.3	U	5.4	U	4	U	4.3	U	20	
4,4'-DDE	72-55-9	3	J	55	J	3.9	UJ	24		4.3	U	5.4	U	4	U	4.3	U	R	
4,4'-DDT	50-29-3	R		18	J	R		23		4.3	U	2.7	J	4	U	4.3	U	230	D
ALDRIN	309-00-2	2.2	UJ	47	U	2.4	UJ	2.1	U	2.2	U	2.8	U	2	U	2.2	U	2.1	U
ALPHA-BHC	319-84-6	1.8	UJ	40	U	2	UJ	2.1	U	2.2	U	2.8	U	2	U	2.2	U	1.4	J
alpha-Chordane	5103-71-9							35	DJ	2.2	U	2.8	U	2	U	2.2	U	2.3	
BETA-BHC	319-85-7	1.8	UJ	40	U	2	UJ	2.1	U	2.2	U	2.8	U	2	U	2.2	U	2.1	U
DELTA-BHC	319-86-8	R		40	U	R		2.1	U	2.2	U	2.8	U	2	U	2.2	U	2.1	U
DIELDRIN	60-57-1	3.6	UJ	78	U	3.9	UJ	4	U	4.3	U	5.4	U	4	U	4.3	U	4	UJ
ENDOSULFAN I	959-98-8	1.8	UJ	40	U	2	UJ	2.1	U	2.2	U	2.8	U	2	U	2.2	U	2.1	U
ENDOSULFAN II	33213-65-9	3.6	UJ	78	U	3.9	UJ	4	U	4.3	U	5.4	U	4	U	4.3	U	4	U
ENDOSULFAN SULFATE	1031-07-8	3.6	UJ	78	U	3.9	UJ	4	U	4.3	U	5.4	U	4	U	4.3	U	2.9	J
ENDRIN	72-20-8	5.4	UJ			6	UJ	4	U	4.3	U	5.4	U	4	U	4.3	U	4	U
ENDRIN ALDEHYDE	7421-93-4	3.6	UJ	78	U	3.9	UJ	4	U	4.3	U	5.4	U	4	U	4.3	U	4	U
ENDRIN KETONE	53494-70-5	2.6	J	78	U	3.9	UJ	4	U	4.3	U	5.4	U	4	U	4.3	U	R	
gamma-BHC (Lindane)	58-89-9	1.8	UJ	40	U	2	UJ	2.1	U	2.2	U	2.8	U	2	U	2.2	U	2.1	U
GAMMA-CHLORDANE	5103-74-2							18		2.2	U	2.8	U	2	U	2.2	U	1.5	J
HEPTACHLOR	76-44-8	1.8	UJ	40	U	2	UJ	2.1	U	2.2	U	2.8	U	2	U	2.2	U	1.8	J
HEPTACHLOR EPOXIDE	1024-57-3	1.8	UJ	40	U	2	UJ	4.5		2.2	U	2.8	U	2	U	2.2	U	2.1	UJ
METHOXYCHLOR	72-43-5	18	UJ	400	U	R		21	U	22	U	28	U	20	U	22	U	21	U
TOXAPHENE	8001-35-2	73	UJ	1600	U	80	UJ	210	U	220	U	280	U	200	U	220	U	210	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
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D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Monroe Ave.		211 Monroe Ave.		212 Monroe Ave.		212 Monroe Ave.	
	Top Depth	0		0		18		0.5		6		0		0.5		0		5	
	Sample Location	SS41		SS41		SB114		SB42		SB42		SS-50		SS-50		SS138		SB136	
	Sample ID	S-051904-DK-115		S-051904-DK-116		80018-SB114-1820		S-051804-DK-113		S-051804-DK-114		APK35		APK36		80018-SS138-0006		80018-SB136-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C	
	Bottom Depth	0.5		0.5		20		4		8		0.5		2		0.5		7	
	Sample Date	5/19/2004		5/19/2004		10/31/2008		5/18/2004		5/18/2004		4/28/1999		4/28/1999		10/15/2008		11/3/2008	
	Sample Type	N		FD		N		N		N		N		N		N		N	
	Field Duplicate Parent			S-051904-DK-115															
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.8	UJ	4	U	4	U	3.6	UJ	4.3	UJ	2.9	J	2.6	J	4.2	U	3.6	U
4,4'-DDE	72-55-9	1.4	J	2.4	J	4	U	3.3	J	0.87	J	250		76		4.2	U	3.6	U
4,4'-DDT	50-29-3	3.8	UJ		R	4	U	5.4	J	4.3	U	230		60		4.2	U	3.6	U
ALDRIN	309-00-2	2.3	UJ	2.4	U	2.1	U	2.2	U	2.6	U	2.1	U	2.3	U	2.2	U	1.9	U
ALPHA-BHC	319-84-6	2	UJ	2	U	2.1	U	1.9	U	2.2	U	2.1	U	2.3	U	2.2	U	1.9	U
alpha-Chordane	5103-71-9					2.1	U						R	4.6	U	2.2	U	1.9	U
BETA-BHC	319-85-7	2	UJ	2	U	2.1	U	1.9	U	2.2	U	2.1	U	4.6	U	2.2	U	1.9	U
DELTA-BHC	319-86-8	2	UJ	2	U	2.1	U	1.9	U	2.2	U	2.1	U	2.3	U	2.2	U	1.9	U
DIELDRIN	60-57-1	3.8	UJ	4	U	4	U	3.6	U	4.3	U	20	U	4.5	U	4.2	U	3.6	U
ENDOSULFAN I	959-98-8	2	UJ	2	U	2.1	U	1.9	U	2.2	U	2.1	U	2.3	U	2.2	U	1.9	U
ENDOSULFAN II	33213-65-9	3.8	UJ	4	U	4	U	3.6	U	4.3	U	4	U	4.5	U	4.2	U	3.6	U
ENDOSULFAN SULFATE	1031-07-8	3.8	UJ	4	U	4	U	3.6	U	4.3	U	4	U	4.5	U	4.2	U	3.6	U
ENDRIN	72-20-8	5.7	UJ	6	U	4	U	5.5	U	6.5	U	20	U	4.5	U	4.2	U	3.6	U
ENDRIN ALDEHYDE	7421-93-4	3.8	UJ	4	U	4	U	3.6	U	4.3	U	4	U	4.5	U	4.2	U	3.6	U
ENDRIN KETONE	53494-70-5	3.8	UJ	4	U	4	U	3.6	U	4.3	U	20	U	2.8	J	4.2	U	3.6	U
gamma-BHC (Lindane)	58-89-9	2	UJ	2	U	2.1	U	1.9	U	2.2	U	2.1	U	2.3	U	2.2	U	1.9	U
GAMMA-CHLORDANE	5103-74-2					2.1	U					3.7	J	2.3	U	2.2	U	1.9	U
HEPTACHLOR	76-44-8	2	UJ	2	U	2.1	U	1.9	UJ	0.56	J	2.1	U	2.3	U	2.2	U	1.9	U
HEPTACHLOR EPOXIDE	1024-57-3	2	UJ	2	U	2.1	U	1.9	U	2.2	U	2.5	JEB	0.38	JEB	2.2	U	1.9	U
METHOXYCHLOR	72-43-5	20	UJ	20	U	21	U	19	UJ	22	UJ	21	U	23	U	22	U	19	U
TOXAPHENE	8001-35-2	77	UJ	80	U	210	U	74	U	87	U	210	U	230	U	220	U	190	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
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UJ - Substance was analyed for, but not detected, estimated reporting limit presented
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D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		224 Monroe Ave.		225 Meriden Rd.		225 Mer	
	Top Depth	0		0		0		5		5		11		0		0		0	
	Sample Location	SB41		SS111		SS112		SB113		SB41		SB41		SS139		SS-54		SS	
	Sample ID	S-18281-051304-JR-037		80018-SS-111-0006		80018-SS112-0006		80018-SB113-0507		S-18281-051304-JR-039		S-18281-051304-JR-051		80018-SS139-0006		APK43		API	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		Scovill-Offiste		Scovill-	
	Bottom Depth	2		0.5		0.5		7		8		15		0.5		0.5		2	
	Sample Date	5/13/2004		10/20/2008		10/20/2008		10/28/2008		5/13/2004		5/13/2004		10/8/2008		4/28/1999		4/28/	
	Sample Type	N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																		
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	
4,4'-DDD	72-54-8	9.4	J	4.5	J	3.4	J	3.6	U	7.2	U	3.5	U	7.6		78	U	4	
4,4'-DDE	72-55-9	7.6	J	20		3.7	J	3.6	U	7.2	UJ	3.5	UJ	3.9	U	60	J	6.6	
4,4'-DDT	50-29-3	R		44		10		3.6	U	7.2	U	3.5	U	3.9	U	170		16	
ALDRIN	309-00-2	2.4	U	2	U	2.2	U	1.8	U	4.4	U	2.1	U	2	U	40	U	2	
ALPHA-BHC	319-84-6	2	U	2	U	2.2	U	1.8	U	3.7	U	1.8	U	2	U	2	U	2	
alpha-Chordane	5103-71-9			9.8		4.6		1.8	U					R		230	J	41	
BETA-BHC	319-85-7	2	UJ	2	U	2.2	U	1.8	U	3.7	UJ	1.8	UJ	2	U	40	U	2	
DELTA-BHC	319-86-8	2	UJ	2	U	2.2	U	1.8	U	3.7	UJ	1.8	UJ	2	U	2	U	2	
DIELDRIN	60-57-1	4	U	6.6		4.3	U	3.6	U	7.2	U	3.5	U	3.9	U	14		4	
ENDOSULFAN I	959-98-8	2	U	2	U	2.2	U	1.8	U	3.7	U	1.8	U	2	U	40	U	0.62	
ENDOSULFAN II	33213-65-9	4	UJ	3.9	U	4.3	U	3.6	U	7.2	UJ	3.5	UJ	3.9	U	3.9	U	4	
ENDOSULFAN SULFATE	1031-07-8	4	U	3.5	J	4.3	UJ	3.6	U	7.2	U	3.5	U	3.9	U	3.9	U	4	
ENDRIN	72-20-8	6	U	4.7		4.3	U	3.6	U	11	U	5.3	U	3.9	U	78	U		
ENDRIN ALDEHYDE	7421-93-4	4	UJ	3.9	UJ	3.1	J	3.6	U	7.2	UJ	3.5	UJ	3.9	U	7.2	J	4	
ENDRIN KETONE	53494-70-5	4	UJ	8.7	J	4.3	P UJ	3.6	U	7.2	UJ	3.5	UJ	3.9	U	3.9	U	4	
gamma-BHC (Lindane)	58-89-9	2	U	2	U	2.2	U	1.8	U	3.7	U	1.8	U	2	U	2	U	2	
GAMMA-CHLORDANE	5103-74-2			5.7		2.8		1.8	U					2.5	J	200		21	
HEPTACHLOR	76-44-8	2	U	2	U	2.2	U	1.8	U	3.7	U	1.8	U	2	U	2.1	EB	2	
HEPTACHLOR EPOXIDE	1024-57-3	2	UJ	1.9	J	2.2	U	1.8	U	3.7	UJ	1.8	UJ	2	U	31	EB	10	
METHOXYCHLOR	72-43-5	22	J	20	U	22	U	18	U	37	U	18	U	20	U	20	U		
TOXAPHENE	8001-35-2	80	U	200	U	220	U	180	U	150	U	71	U	200	U	200	U	200	

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Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	iden Rd.
	Top Depth	5
	Sample Location	-54
	Sample ID	K44
	Risk Zone	-Offiste
	Bottom Depth	2
	Sample Date	1999
	Sample Type	N
	Field Duplicate Parent	
	Unit	/kg
Chemical Name	**CAS No.**	**Qualifier**
4,4'-DDD	72-54-8	U
4,4'-DDE	72-55-9	J
4,4'-DDT	50-29-3	J
ALDRIN	309-00-2	U
ALPHA-BHC	319-84-6	U
alpha-Chordane	5103-71-9	
BETA-BHC	319-85-7	U
DELTA-BHC	319-86-8	U
DIELDRIN	60-57-1	U
ENDOSULFAN I	959-98-8	J
ENDOSULFAN II	33213-65-9	U
ENDOSULFAN SULFATE	1031-07-8	U
ENDRIN	72-20-8	R
ENDRIN ALDEHYDE	7421-93-4	U
ENDRIN KETONE	53494-70-5	U
gamma-BHC (Lindane)	58-89-9	U
GAMMA-CHLORDANE	5103-74-2	J
HEPTACHLOR	76-44-8	U
HEPTACHLOR EPOXIDE	1024-57-3	U
METHOXYCHLOR	72-43-5	R
TOXAPHENE	8001-35-2	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
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P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	225 Meriden Rd.		225 Meriden Rd.		231 Meriden Rd.		231 Meriden Rd.		231 Meriden Rd.		232 Monroe Ave.		232 Monroe Ave.		25 Atwood Ave.		29 Radcliffe Ave.	
	Top Depth	5		10		5		5		5		0		10		0		0	
	Sample Location	SB115		SB116		SB117		SB118		SB118		SS140		SB137		SS43		SS-48	
	Sample ID	80018-SB115-0507		80018-SB116-1012		80018-SB117-0507		80018-DUP108-0507		80018-SB118-0507		80018-SS140-0006		80018-SB137-1012		SS-051204-DK-008		APK30	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	7		12		7		7		7		0.5		12		0.5		0.5	
	Sample Date	10/28/2008		10/28/2008		10/24/2008		10/30/2008		10/30/2008		10/15/2008		11/3/2008		5/12/2004		4/28/1999	
	Sample Type	N		N		N		FD		N		N		N		N		N	
	Field Duplicate Parent							80018-SB118-0507											
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.9	U	5.6	U	4.3	U	25		28		4.1	U	3.8	U	37	UJ	4.5	U
4,4'-DDE	72-55-9	3.9	U	5.6	U	4.3	U	150	D	210	D	6.9		3.8	U	37	UJ	13	
4,4'-DDT	50-29-3	3.9	U	5.6	U	4.3	U	440	D	580	D	5.9	J	3.8	U			16	
ALDRIN	309-00-2	2	U	2.9	U	2.2	U	2.1	U	2.1	U	2.1	U	1.9	U	23	UJ	2.3	U
ALPHA-BHC	319-84-6	2	U	2.9	U	2.2	U	2.1	U	2.1	U	2.1	U	1.9	U	19	UJ	2.3	U
alpha-Chordane	5103-71-9	2	U	2.9	U	2.2	U	2.1	U	1.6	JP	2.1	U	1.9	U			2.3	U
BETA-BHC	319-85-7	2	U	2.9	U	2.2	U	2.1	U	2.1	U	2.1	U	1.9	U	19	UJ	2.3	U
DELTA-BHC	319-86-8	2	U	2.9	U	2.2	U	2.1	U	2.1	U	2.1	U	1.9	U	19	UJ	2.3	U
DIELDRIN	60-57-1	3.9	U	5.6	U	4.3	U	3.9	JP	R		4.1	U	3.8	U	32	J	R	
ENDOSULFAN I	959-98-8	2	UJ	2.9	U	2.2	U	2.1	U	2.1	U	2.1	U	1.9	U	19	UJ	2.3	U
ENDOSULFAN II	33213-65-9	3.9	U	5.6	U	4.3	U	4.1	U	4	U	4.1	U	3.8	U	37	UJ	4.5	U
ENDOSULFAN SULFATE	1031-07-8	3.9	U	5.6	U	4.3	U	2.5	JP	2.5	JP	4.1	U	3.8	U	37	UJ	4.5	U
ENDRIN	72-20-8	3.9	U	5.6	U	4.3	U	6	P	R		4.1	U	3.8	U	57	UJ	4.5	U
ENDRIN ALDEHYDE	7421-93-4	3.9	U	5.6	U	4.3	U	4.1	U	4	U	4.1	U	3.8	U	37	UJ	4.5	U
ENDRIN KETONE	53494-70-5	3.9	U	3.4	JP	4.3	U	16	P	13	J	4.1	U	3.8	U	37	UJ	4.5	U
gamma-BHC (Lindane)	58-89-9	2	U	2.9	U	2.2	U	2.1	U	2.1	U	2.1	U	1.9	U	19	UJ	2.3	U
GAMMA-CHLORDANE	5103-74-2	2	U	2.9	U	2.2	U	2	J	2.2	J	2.1	U	1.9	U			2.3	U
HEPTACHLOR	76-44-8	2	U	2.9	U	2.2	U	2.1	U	2.1	U	2.1	U	1.9	U	19	UJ	2.3	U
HEPTACHLOR EPOXIDE	1024-57-3	2	U	2.9	U	2.2	U	1.3	JP	2.1	UJ	2.1	U	1.9	U	32	J	2.3	U
METHOXYCHLOR	72-43-5	20	U	29	U	22	U	21	U	21	U	21	U	19	U	190	UJ	4	J
TOXAPHENE	8001-35-2	200	U	290	U	220	U	210	U	210	U	210	U	190	U	760	UJ	230	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	29 Radcliffe Ave.	299 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.
	Top Depth	0.5	5	0	0	0	0.5	5	5	10
	Sample Location	SS-48	SB124	SS116	SS117	SS37	SB37	SB125	SB37	SB37
	Sample ID	APK31	80018-SB124-0507	80018-SS116-0002	80018-SS117-0002	S-052004-DK-144	S-051204-JR-011	80018-SB125-0507	S-051204-JR-013	S-051204-JR-015
	Risk Zone	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste
	Bottom Depth	2	7	2	0.5	0.5	4	7	10	15
	Sample Date	4/28/1999	10/23/2008	10/23/2008	10/24/2008	5/20/2004	5/12/2004	10/23/2008	5/12/2004	5/12/2004
	Sample Type	N	N	N	N	N	N	N	N	N
	Field Duplicate Parent									
	Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
4,4'-DDD	72-54-8	4.4 U	3.4 U	3.5 U	3.7 U	R	3.4 U	3.3 U	3.3 U	3.4 U
4,4'-DDE	72-55-9	3.9 J	3.4 U	3.5 U	2.9 J	19 J	3.4 U	3.3 U	3.3 U	3.4 U
4,4'-DDT	50-29-3	3.6 J	3.4 U	3.5 J	3.6 J	36 J	R	3.3 U	R	R
ALDRIN	309-00-2	2.3 U	1.8 U	1.8 U	1.9 U	2.5 UJ	2.1 U	1.7 U	2 U	2 U
ALPHA-BHC	319-84-6	2.3 U	1.8 U	1.8 U	1.9 U	2.1 UJ	1.8 U	1.7 U	1.7 U	1.7 U
alpha-Chordane	5103-71-9	2.3 U	1.8 U	1.8 U	1.9 U			1.7 U		
BETA-BHC	319-85-7	2.3 U	1.8 U	1.8 U	1.9 U	2.1 UJ	1.8 U	1.7 U	1.7 U	1.7 U
DELTA-BHC	319-86-8	2.3 U	1.8 U	1.8 U	1.9 U	2.1 UJ	1.8 U	1.7 U	1.7 U	1.7 U
DIELDRIN	60-57-1	4.4 U	3.4 U	2.7 J	3.7 U	4.1 UJ	3.4 U	3.3 U	3.3 U	3.4 U
ENDOSULFAN I	959-98-8	2.3 U	1.8 U	1.8 U	1.9 U	2.1 UJ	1.8 U	1.7 U	1.7 U	1.7 U
ENDOSULFAN II	33213-65-9	4.4 U	3.4 U	3.5 U	3.7 U	4.1 UJ	3.4 U	3.3 U	3.3 U	3.4 U
ENDOSULFAN SULFATE	1031-07-8	1.7 J	3.4 U	3.5 U	3.7 U	4.1 UJ	3.4 U	3.3 U	3.3 U	3.4 U
ENDRIN	72-20-8	4.4 U	3.4 U	3.5 U	3.7 U	6.1 UJ	5.2 U	3.3 U	5 U	5.1 U
ENDRIN ALDEHYDE	7421-93-4	4.4 U	3.4 U	3.5 U	3.7 U	4.1 UJ	3.4 U	3.3 U	3.3 U	3.4 U
ENDRIN KETONE	53494-70-5	1 J	3.4 U	3.5 U	3.7 U	4.1 UJ	3.4 U	3.3 U	3.3 U	3.4 U
gamma-BHC (Lindane)	58-89-9	2.3 U	1.8 U	1.8 U	1.9 U	2.1 UJ	1.8 U	1.7 U	1.7 U	1.7 U
GAMMA-CHLORDANE	5103-74-2	2.3 U	1.8 U	1.8 U	1.9 U			1.7 U		
HEPTACHLOR	76-44-8	2.3 U	1.8 U	1.8 U	1.9 U	2.1 UJ	1.8 U	1.7 U	1.7 U	1.7 U
HEPTACHLOR EPOXIDE	1024-57-3	2.3 U	1.8 U	1.8 U	1.9 U	R	1.8 U	1.7 U	1.7 U	1.7 U
METHOXYCHLOR	72-43-5	23 U	18 U	18 U	19 U	R	18 U	17 U	17 U	17 U
TOXAPHENE	8001-35-2	230 U	180 U	180 U	190 U	82 UJ	70 U	170 U	67 U	69 U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
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P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	305 Meriden Rd.		313 Meriden Rd.		40 Monroe Ave.		40 Monroe Ave.		40 Monroe Ave.		41 Dunbar St.		48 Monroe Ave.		52 Monroe Ave.		52 Monroe Ave.	
	Top Depth	14		0		0		0.5		6		10		0		0		5	
	Sample Location	SB126		SS39		SS119		SB43		SB43		SB112		SS120		SS121		SB129	
	Sample ID	80018-SB126-1416		SS-051204-DK-006		80018-SS119-0006		S-051804-DK-109		S-051804-DK-110		80018-SB112-1012		80018-SS120-0006		80018-SS121-0006		80018-SB129-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		D2		D2		D2		D2		D2		D2		D2	
	Bottom Depth	16		0.5		0.5		2		10		12		0.5		0.5		7	
	Sample Date	10/24/2008		5/12/2004		10/16/2008		5/18/2004		5/18/2004		11/3/2008		10/16/2008		10/16/2008		11/5/2008	
	Sample Type	N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																		
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.3	U	4.3	UJ	3.8	U	3.6	UJ	4	UJ	4.5	U	4	UJ	3.8	U	3.4	U
4,4'-DDE	72-55-9	3.3	U	4.3	UJ	9.1		13		1.2	J	4.5	U	20		8.8		3.4	U
4,4'-DDT	50-29-3	3.3	U	6	J	14		25	J	4	U	8.5	J	49		39		3.4	U
ALDRIN	309-00-2	1.7	U	2.6	UJ	2	U	2.2	U	2.4	U	2.3	U	2.1	U	2	U	1.8	U
ALPHA-BHC	319-84-6	1.7	U	2.2	UJ	2	U	1.9	U	2.1	U	2.3	U	2.1	U	2	U	1.8	U
alpha-Chordane	5103-71-9	1.7	U			1.3	J					2.3	U	8.4	J	2.9	J	1.8	U
BETA-BHC	319-85-7	1.7	U	2.2	UJ	2	U	1.9	U	2.1	U	2.3	U	2.1	U	2	U	1.8	U
DELTA-BHC	319-86-8	1.7	U	2.2	UJ	2	U	1.9	U	2.1	U	2.3	U	2.1	U	2	U	1.8	U
DIELDRIN	60-57-1	3.3	U	4.3	UJ	3.8	U	3.6	U	4	U	R		4	U	3.8	U	3.4	U
ENDOSULFAN I	959-98-8	1.7	U	2.2	UJ	2	U	1.9	U	2.1	U	2.3	U	2.1	U	2	U	1.8	U
ENDOSULFAN II	33213-65-9	3.3	U	R		3.8	U	3.6	U	4	U	4.5	U	4	U	3.8	U	3.4	U
ENDOSULFAN SULFATE	1031-07-8	3.3	U	R		3.8	U	3.6	U	4	U	4.5	U	3	J	5	J	3.4	U
ENDRIN	72-20-8	3.3	U	6.5	UJ	3.8	U	5.5	U	6.1	U	17		4.2		3.8	J	3.4	U
ENDRIN ALDEHYDE	7421-93-4	3.3	U	4.3	UJ	3.8	U	3.6	U	4	U	4.5	U	3.4	J	3.8	U	3.4	U
ENDRIN KETONE	53494-70-5	3.3	U	4.3	UJ	3.8	UJ	3.6	U	4	U	R		R		R		3.4	U
gamma-BHC (Lindane)	58-89-9	1.7	U	2.2	UJ	2	U	1.9	U	2.1	U	2.3	U	2.1	U	2	U	1.8	U
GAMMA-CHLORDANE	5103-74-2	1.7	U			2	U					2.3	U	4.5		2	U	1.8	U
HEPTACHLOR	76-44-8	1.7	U	2.2	UJ	2	U	1.9	UJ	2.1	UJ	2.3	U	2.1	U	2	U	1.8	U
HEPTACHLOR EPOXIDE	1024-57-3	1.7	U	R		2	U	1.9	U	2.1	U	2.3	U	1.1	J	2	U	1.8	U
METHOXYCHLOR	72-43-5	17	U	R		20	U	19	UJ	21	UJ	23	U	21	U	20	U	18	U
TOXAPHENE	8001-35-2	170	U	88	UJ	200	U	73	U	82	U	230	U	210	U	200	U	180	U

Notes:

µg/Kg - Micrograms per Kilogram (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		67 Academy Ave.	
	Top Depth	0		0		0		0.5		0.5		0.5		0	
	Sample Location	SS-43		SS-44		SS-45		SS-43		SS-44		SS-45		SS30	
	Sample ID	APK19		APK21		APK23		APK20		APK22		APK24		KSS-030~A0KK9-14~FDOFA0RJ3~110102	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		0.5		0.5		2		2		2		0.25	
	Sample Date	4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		11/1/2002	
	Sample Type	N		N		N		N		N		N		FD	
	Field Duplicate Parent													SS-030~A0KK9-6~FDOFAQN14~110102	
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	R		20	U	3.8	U	4.1	U	19	U	3.6	U	4.3	U
4,4'-DDE	72-55-9	7.9	J	15	J	3.8	U	R		19	U	3.9			
4,4'-DDT	50-29-3	14		28	J	3.8	J	8.6	J	20	J	6.8			
ALDRIN	309-00-2	1.8	U	10	U	2	U	2.1	U	9.9	U	1.9	U	2.2	U
ALPHA-BHC	319-84-6	1.8	U	10	U	2	U	2.1	U	9.9	U	1.9	U	2.2	U
alpha-Chordane	5103-71-9	R		R		2	U	15	JEB	9.9	U	0.18	JEB		
BETA-BHC	319-85-7	1.8	U	10	U	2	U	2.1	U	9.9	U	1.9	U	2.2	U
DELTA-BHC	319-86-8	1.8	U	10	U	2	U	2.1	U	9.9	U	0.33	J	2.2	U
DIELDRIN	60-57-1	R		3.6	JEB	3.8	U	1.9	JEB	R		3.6	U	4.3	U
ENDOSULFAN I	959-98-8	1.8	U	10	U	2	U	4.1	U	9.9	U	3.6	U	2.2	U
ENDOSULFAN II	33213-65-9	3.5	U	20	U	3.8	U	4.1	U	19	U	3.6	U	4.3	U
ENDOSULFAN SULFATE	1031-07-8	5.4	J	18	J	4.4	J	4.1	U	19	U	3.6	U	3.9	JP
ENDRIN	72-20-8	3.5	U	20	U	3.8	U	R		R		R		4.3	U
ENDRIN ALDEHYDE	7421-93-4	3.5	U	4.9	J	3.8	U	3.7	J	15	J	3.6	U	4.3	U
ENDRIN KETONE	53494-70-5	3.5	U	11	J	4	J	4.1	U	25	J	3.6	U	4.3	U
gamma-BHC (Lindane)	58-89-9	1.8	U	10	U	2	U	2.1	U	9.9	U	1.9	U	2.2	U
GAMMA-CHLORDANE	5103-74-2	190		R		2	U	6.5	J	9.9	U	1.9	U	2.1	JP
HEPTACHLOR	76-44-8	0.58	JEB	10	U	2	U	2.1	U	2	J	1.9	U	2.2	U
HEPTACHLOR EPOXIDE	1024-57-3	11	JEB	2.4	JEB	2	U	2.1	U	9.9	U	1.9	U	2.2	U
METHOXYCHLOR	72-43-5	18	U	100	U	20	U	9.7	J	R		R		22	U
TOXAPHENE	8001-35-2	180	U	1000	U	200	U	210	U	990	U	190	U	220	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	67 Academy Ave.		68 Monroe Ave.		68 Monroe Ave.		68 Monroe Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Top Depth	0		0		0		5		0		0		0		5	
	Sample Location	SS30		SS123		SS42		SB130		SB50		SB51		SS44		SB106	
	Sample ID	SS-030~A0KK9-6~FDOFAQN14~110102		80018-SS123-0006		SS-051404-DK-010		80018-SB130-0507		S-052404-JR-162		S-051704-JR-088		S-052404-DK-164		80018-SB106-0507	
	Risk Zone	Scovill-Offiste		D2		D2		D2		B		Scovill-Offiste		Z		Scovill-Offiste	
	Bottom Depth	0.25		0.5		0.5		7		4		3		0.5		7	
	Sample Date	11/1/2002		10/16/2008		5/14/2004		11/4/2008		5/24/2004		5/17/2004		5/24/2004		10/29/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.9	U	4	U	4.1	U	4	U	3.9	UJ	22	U	4.2	UJ	13	
4,4'-DDE	72-55-9	10		5.9		36		4	U	2	J	15	J	11	J	12	
4,4'-DDT	50-29-3			15	J	31		4	U	R		22	U	R		5.9	U
ALDRIN	309-00-2	2	U	2.1	U	2.5	U	2.1	U	2.4	UJ	14	U	2.5	UJ	3	U
ALPHA-BHC	319-84-6	2	U	2.1	U	2.1	U	2.1	U	2	UJ	12	U	2.1	UJ	3	U
alpha-Chordane	5103-71-9			29	J			2.1	U							3	JP
BETA-BHC	319-85-7	2	U	2.1	U	2.1	U	2.1	U	2	UJ	12	U	2.1	UJ	3	U
DELTA-BHC	319-86-8	2	U	2.1	U	2.1	U	2.1	U	R		12	U	R		3	U
DIELDRIN	60-57-1	3.9	U	2.1	J	4.1	U	4	U	3.9	UJ	22	U	4.2	UJ	5.9	U
ENDOSULFAN I	959-98-8	2	U	2.1	U	2.1	U	2.1	U	2	UJ	12	U	2.1	UJ	3	U
ENDOSULFAN II	33213-65-9	3.9	U	4	U	4.1	U	4	U	3.9	UJ	22	U	R		5.9	U
ENDOSULFAN SULFATE	1031-07-8	2.3	JP	5.1	J	4.1	U	4	U	3.9	UJ	22	U	4.2	UJ	5.9	U
ENDRIN	72-20-8	3.3	JP	4	UJ	6.2	U	4	U	6	UJ	34	U	6.3	UJ	5.9	U
ENDRIN ALDEHYDE	7421-93-4	3.9	U	4	U	4.1	U	4	U	3.9	UJ	22	U	4.2	UJ	5.9	U
ENDRIN KETONE	53494-70-5			R		4.1	U	4	U	3.9	UJ	22	U	4.2	UJ	5.9	U
gamma-BHC (Lindane)	58-89-9	2	U	2.1	U	2.1	U	2.1	U	2	UJ	12	U	2.1	UJ	3	U
GAMMA-CHLORDANE	5103-74-2	2	U	14				2.1	U							1.8	JP
HEPTACHLOR	76-44-8	2	U	2.1	U	0.44	J	2.1	U	2	UJ	12	U	2.1	UJ	3	U
HEPTACHLOR EPOXIDE	1024-57-3	2	U	5.3		2.1	U	2.1	U	2	UJ	12	U	17	J	3	U
METHOXYCHLOR	72-43-5	20	U	21	U	R		21	U	20	UJ	120	U	21	UJ	30	U
TOXAPHENE	8001-35-2	200	U	210	U	83	U	210	U	80	UJ	450	U	84	UJ	300	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
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Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.	72 Dallas Ave.	72 Dallas Ave.	72 Dallas Ave.	74 Monroe Ave.	76 Altyre St.	76 Altyre St.	76 Altyre St.	82 Hinsdale Ave.
	Top Depth	5	5.5	10.5	10.5	0	0	0	10	0
	Sample Location	SB50	SB51	SB51	SB51	SS124	SS45	SB54	SB54	SB86
	Sample ID	S-052404-JR-163	S-051704-JR-090	S-051704-JR-092	S-051704-JR-094	80018-SS124-0006	SS-051704-DK-050	S-051704-JR-060	S-051704-JR-062	S-051404-JR-042
	Risk Zone	B	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	D2	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste
	Bottom Depth	7.5	10	15	15	0.5	0.5	4	15	4
	Sample Date	5/24/2004	5/17/2004	5/17/2004	5/17/2004	10/16/2008	5/17/2004	5/17/2004	5/17/2004	5/14/2004
	Sample Type	N	N	N	FD	N	N	N	N	N
	Field Duplicate Parent				S-051704-JR-092					
	Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
4,4'-DDD	72-54-8	R	3.5 U	3.6 U	3.7 U	4.5 UJ	43 UJ	7.1 UJ	3.4 U	7.7 UJ
4,4'-DDE	72-55-9	32 J	3.5 U	3.6 U	3.7 U	47	340 J	69 J	0.75 J	8.6
4,4'-DDT	50-29-3	R	R	R	R	84 D	620 J	110 J	1.4 J	7.7 UJ
ALDRIN	309-00-2	3 UJ	2.1 UJ	2.2 UJ	2.3 UJ	2.3 U	26 U	4.3 U	2 U	4.6 U
ALPHA-BHC	319-84-6	2.6 UJ	1.8 U	1.9 U	1.9 U	2.3 U	22 U	3.7 U	1.7 U	3.9 U
alpha-Chordane	5103-71-9					R				
BETA-BHC	319-85-7	2.6 UJ	1.8 UJ	1.9 UJ	1.9 UJ	2.3 U	22 U	3.7 U	1.7 U	3.9 U
DELTA-BHC	319-86-8	R	1.8 UJ	1.9 UJ	1.9 UJ	2.3 U	22 U	3.7 U	1.7 U	3.9 U
DIELDRIN	60-57-1	5 UJ	3.5 U	3.6 U	3.7 U	2.8 J	43 U	7.1 U	3.4 U	7.7 U
ENDOSULFAN I	959-98-8	2.6 UJ	1.8 U	1.9 U	1.9 U	2.3 U	22 U	3.7 U	1.7 U	3.9 U
ENDOSULFAN II	33213-65-9	5 UJ	3.5 U	3.6 U	3.7 U	4.5 U	43 U	7.1 U	3.4 U	7.7 U
ENDOSULFAN SULFATE	1031-07-8	5 UJ	3.5 U	3.6 U	3.7 U	3.7 J	43 U	7.1 U	3.4 U	7.7 U
ENDRIN	72-20-8	7.5 UJ	5.3 U	5.5 U	5.6 U	4.8 J	66 U	11 U	5.1 U	12 U
ENDRIN ALDEHYDE	7421-93-4	5 UJ	3.5 U	3.6 U	3.7 U	4.5 U	43 U	7.1 U	3.4 U	7.7 U
ENDRIN KETONE	53494-70-5	5 UJ	3.5 U	3.6 U	3.7 U	R	43 U	7.1 U	3.4 U	7.7 UJ
gamma-BHC (Lindane)	58-89-9	2.6 UJ	1.8 U	1.9 U	1.9 U	2.3 U	22 U	3.7 U	1.7 U	0.42 J
GAMMA-CHLORDANE	5103-74-2					3.8				
HEPTACHLOR	76-44-8	2.6 UJ	1.8 U	1.9 U	1.9 U	2.3 U	22 UJ	3.7 UJ	1.7 U	3.9 UJ
HEPTACHLOR EPOXIDE	1024-57-3	R	1.8 UJ	1.9 UJ	1.9 UJ	1.2 J	22 U	3.7 U	1.7 U	R
METHOXYCHLOR	72-43-5	R	18 U	19 U	19 U	23 U	220 UJ	9.9 J	17 U	39 UJ
TOXAPHENE	8001-35-2	100 UJ	71 U	73 U	76 U	230 U	880 U	150 U	68 U	160 U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	82 Hinsdale Ave.		82 Hinsdale Ave.		82 Hinsdale Ave.		Meriden Rd.		Meriden Rd. Lot Behind U-Haul		Pine Grove Cemetery		Pine Grove Cemetery	
	Top Depth	0		0		5		5		0		0		0	
	Sample Location	SB86		SS77		SB86		SB127		SS46		SS47		SS-55	
	Sample ID	S-051404-JR-044		SS-051404-DK-048		S-051404-JR-046		80018-SB127-0509		S-051904-DK-117		S-052004-DK-141		APK45	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	4		0.5		10		9		0.5		0.5		0.5	
	Sample Date	5/14/2004		5/14/2004		5/14/2004		10/22/2008		5/19/2004		5/20/2004		4/28/1999	
	Sample Type	FD		N		N		N		N		N		N	
	Field Duplicate Parent	S-051404-JR-042													
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.9	U	210	U	3.3	U	3.5	U	3.8	U	4	U	4.6	U
4,4'-DDE	72-55-9	8.2		230	J	3.3	U	3.5	U	3.6	J	24	J	4.6	U
4,4'-DDT	50-29-3	R				3.3	U	3.5	U	6.4	J	37	J	8.9	
ALDRIN	309-00-2	2.4	U	130	U	2	U	1.8	U	2.3	U	2.4	UJ	2.4	U
ALPHA-BHC	319-84-6	2	U	110	U	1.7	U	1.8	U	1.9	U	2	U	2.4	U
alpha-Chordane	5103-71-9							1.8	U					2.6	U
BETA-BHC	319-85-7	2	U	110	U	1.7	U	1.8	U	1.9	U	2	U	2.4	U
DELTA-BHC	319-86-8	2	U	110	U	1.7	U	1.8	U	1.9	U	2	U	2.4	U
DIELDRIN	60-57-1	3.9	U	210	U	3.3	U	3.5	U	3.8	U	4	U	4.6	U
ENDOSULFAN I	959-98-8	2	U	110	U	1.7	U	1.8	U	1.9	U	2	U	2.4	U
ENDOSULFAN II	33213-65-9	3.9	U	210	U	3.3	U	3.5	U	3.8	U	16	J	4.6	U
ENDOSULFAN SULFATE	1031-07-8	3.9	U	210	U	3.3	U	3.5	U	3.8	U	R		4.6	U
ENDRIN	72-20-8	5.9	U			5	U	3.5	U	5.7	U	6	U	R	
ENDRIN ALDEHYDE	7421-93-4	3.9	U	210	U	3.3	U	3.5	U	3.8	U	4	U	4.6	U
ENDRIN KETONE	53494-70-5	2.9	J	210	U	3.3	U	3.5	U	3.8	U	4	UJ	4.6	U
gamma-BHC (Lindane)	58-89-9	2	U	110	U	1.7	U	1.8	U	1.9	U	2	U	2.4	U
GAMMA-CHLORDANE	5103-74-2							1.8	U					R	
HEPTACHLOR	76-44-8	2	U	110	U	1.7	U	1.8	U	1.9	U	2	UJ	2.4	U
HEPTACHLOR EPOXIDE	1024-57-3	R		260	J	1.7	U	1.8	U	1.9	U	R		R	
METHOXYCHLOR	72-43-5	10	J	1100	U	17	U	18	U	19	U	20	U	R	
TOXAPHENE	8001-35-2	79	U	4300	U	68	U	180	U	77	U	81	U	240	U

Notes:
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Pesticides in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	Pine Grove Cemetery		Pine Grove Cemetery		Pine Grove Cemetery		Vacant Monroe Parcel		Vacant Monroe Parcel	
	Top Depth	0.5		0.5		5		0		5	
	Sample Location	SB56		SS-55		SB56		SS141		SB138	
	Sample ID	S-051204-JR-001		APK46		S-051204-JR-002		80018-SS141-0006		80018-SB138-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		D2		D2	
	Bottom Depth	4.5		2		10		0.5		7	
	Sample Date	5/12/2004		4/28/1999		5/12/2004		10/16/2008		10/31/2008	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	3.3	U	4.4	U	3.3	U	2.3	J	4.2	U
4,4'-DDE	72-55-9	3.3	U	1.6	J	3.3	U	R		4.2	U
4,4'-DDT	50-29-3	R		R		R		15		6.6	
ALDRIN	309-00-2	2	U	2.3	U	2	U	1.9	U	2.2	U
ALPHA-BHC	319-84-6	1.7	U	2.3	U	1.7	U	1.9	U	2.2	U
alpha-Chordane	5103-71-9			2.3	U			1.2	J	2.2	U
BETA-BHC	319-85-7	1.7	U	2.3	U	1.7	U	1.9	U	2.2	U
DELTA-BHC	319-86-8	1.7	U	0.76	J	1.7	U	1.9	U	2.2	U
DIELDRIN	60-57-1	3.3	U	4.4	U	3.3	U	3.6	U	4.2	U
ENDOSULFAN I	959-98-8	1.7	U	2.3	U	1.7	U	1.9	U	2.2	U
ENDOSULFAN II	33213-65-9	3.3	U	4.4	U	3.3	U	3.6	U	4.2	U
ENDOSULFAN SULFATE	1031-07-8	3.3	U	4.4	U	3.3	U	2.8	J	4.2	U
ENDRIN	72-20-8	5	U	R		5	U	3.6	U	4.2	U
ENDRIN ALDEHYDE	7421-93-4	3.3	U	4.4	U	3.3	U	3.6	U	4.2	U
ENDRIN KETONE	53494-70-5	3.3	U	4.4	U	3.3	U	3.6	UJ	2.6	JP
gamma-BHC (Lindane)	58-89-9	1.7	U	2.3	U	1.7	U	1.9	U	2.2	U
GAMMA-CHLORDANE	5103-74-2			2.3	U			1.9	U	2.2	U
HEPTACHLOR	76-44-8	1.7	U	2.3	U	1.7	U	1.9	U	2.2	U
HEPTACHLOR EPOXIDE	1024-57-3	1.7	U	2.3	U	1.7	U	1.9	U	2.2	U
METHOXYCHLOR	72-43-5	17	U	R		17	U	19	U	22	U
TOXAPHENE	8001-35-2	67	U	230	U	67	U	190	U	220	U

Notes:

µg/Kg - Micrograms per Kilogram (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		5		2		4		0		0		0		0		0	
	Sample Location	SB09		SB102		SB103		SB104		SS103		SS104		SB17		SB30		SB30	
	Sample ID	SB09-00-05~A0RG4-20~~102202		80018-SB102-0506		80018-SB103-0203		80018-SB104-0405		80018-SS103-0006		80018-SS104-0006		A0SE5-5~~~102302		A0SE5-1~~~102302		SB30-00-04~202164-012~FDOFD03342A10230	
	Risk Zone	B		A		A		A		A		A		B		B		B	
	Bottom Depth	5		6		3		5		0.5		0.5		1		4		4	
	Sample Date	10/22/2002		11/11/2008		11/11/2008		11/12/2008		10/16/2008		10/16/2008		10/23/2002		10/23/2002		10/23/2002	
	Sample Type	N		N		N		N		N		N		N		N		FD	
	Field Duplicate Parent																	SB30-00-04~202164-011~FDOFD03343~102302	
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	40	U	45	U	47	U	43	U	49	U	52	U	83	U	46	U	1	U
AROCLOR 1221	11104-28-2	81	U	45	U	47	U	43	U	49	U	52	U	170	U	94	U	1	U
AROCLOR 1232	11141-16-5	40	U	45	U	47	U	43	U	49	U	52	U	83	U	46	U	1	U
AROCLOR 1242	53469-21-9	40	U	45	U	47	U	43	U	49	U	52	U	83	U	46	U	1	U
AROCLOR 1248	12672-29-6	40	U	45	U	47	U	43	U	49	U	52	U	83	U	46	U	1	U
AROCLOR 1254	11097-69-1	40	U	39	J	47	U	43	U	93		52	U	83	U	46	U	1	U
AROCLOR 1260	11096-82-5	40	U	27	J	47	U	43	U	77	J	52	U	83	U	46	U	1	U
Aroclor 1262	37324-23-5			45	U	47	U	43	U	49	U	52	U						
Aroclor 1268	11100-14-4			45	U	47	U	43	U	49	U	52	U						
Polychlorinated Biphenyls	1336-36-3			66						170									

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

µg/Kg - Micrograms per Kilogram (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		0		0		0		0		0	
	Sample Location	SB30		SS06		SS102		SS13		SS22		SS-28	
	Sample ID	B30-00-04~202164-011~FDOFD03343~10230		SS-06~A0RG2-14~~103102		80018-SS102-0006		SS-013~A0RG4-2~~102402		SS-022~A0KK9-3~~110102		APJ87	
	Risk Zone	B		B		A		B		B		B	
	Bottom Depth	4		0.25		0.5		0.25		0.25		0.5	
	Sample Date	10/23/2002		10/31/2002		10/16/2008		10/24/2002		11/1/2002		4/26/1999	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	1	U	42	U	42	U	43	U	44	U	42	U
AROCLOR 1221	11104-28-2	1	U	85	U	42	U	87	U	89	U	85	U
AROCLOR 1232	11141-16-5	1	U	42	U	42	U	43	U	44	U	42	U
AROCLOR 1242	53469-21-9	1	U	42	U	42	U	43	U	44	U	42	U
AROCLOR 1248	12672-29-6	1	U	42	U	42	U	43	U	44	U	42	U
AROCLOR 1254	11097-69-1	1	U	42	U	95		43	U	44	U	42	U
AROCLOR 1260	11096-82-5	1	U	42	U	52	J	43	U	44	U	42	U
Aroclor 1262	37324-23-5					42	U						
Aroclor 1268	11100-14-4					42	U						
Polychlorinated Biphenyls	1336-36-3					147							

Notes:

Polychlorinated Biphenyls value is reported as a sum of detected PCBs

µg/Kg - Micrograms per Kilogram (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

D- Result reported from a diluted analysis

P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		0.5		0.5		0.5		0.5		4		4	
	Sample Location	SS-30		SS149		SS155		SS-28		SS-30		SB10		SB170	
	Sample ID	APJ91		80018-SS-SS149-1010		80018-SS-SS155-1010		APJ88		APJ92		SB-10-04-05~021014-08~~100402		80018-SB170-0405	
	Risk Zone	B		B		B		B		B		C		B	
	Bottom Depth	0.5		1		1		2		2		5		5	
	Sample Date	4/26/1999		10/5/2010		10/5/2010		4/26/1999		4/26/1999		10/4/2002		11/11/2008	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	43	U	42	U	40	U	R		40	U	44	U	40	U
AROCLOR 1221	11104-28-2	87	U	42	U	40	U	R		81	U	90	U	40	U
AROCLOR 1232	11141-16-5	43	U	42	U	40	U	R		40	U	44	U	40	U
AROCLOR 1242	53469-21-9	43	U	42	U	40	U	R		40	U	44	U	40	U
AROCLOR 1248	12672-29-6	43	U	42	U	40	U	R		40	U	44	U	40	U
AROCLOR 1254	11097-69-1	43	U	42	U	40	U	R		40	U	44	U	25	J
AROCLOR 1260	11096-82-5	43	U	42	U	40	U	R		40	U	44	U	40	U
Aroclor 1262	37324-23-5			42	U	40	U							40	U
Aroclor 1268	11100-14-4			42	U	40	U							40	U
Polychlorinated Biphenyls	1336-36-3													25	

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		100 Monroe Ave.		100 Monroe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		118 Monroe Ave.	
	Top Depth	5		0		0.5		0		0.5		5		5		0	
	Sample Location	SB168		SS-53		SS-53		SS75		SB84		SB84		SB84		SS128	
	Sample ID	80018-SB168-0507		APK41		APK42		S-052004-DK-143		S-051304-JR-071		S-051304-JR-073		S-051304-JR-077		80018-SS128-0006	
	Risk Zone	B		D2		D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C	
	Bottom Depth	7		0.5		2		0.5		4		10		10		0.5	
	Sample Date	10/29/2008		4/28/1999		4/28/1999		5/20/2004		5/13/2004		5/13/2004		5/13/2004		10/23/2008	
	Sample Type	N		N		N		N		N		N		FD		N	
	Field Duplicate Parent													S-051304-JR-073			
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	38	U	230	U	200	U	3.9	U	3.7	U	3.6	U	3.6	U	34	U
AROCLOR 1221	11104-28-2	38	U	460	U	410	U	7.6	U	7.2	U	7	U	7.1	U	34	U
AROCLOR 1232	11141-16-5	38	U	230	U	200	U	3.9	U	3.7	U	3.6	U	3.6	U	34	U
AROCLOR 1242	53469-21-9	38	U	230	U	200	U	3.9	U	3.7	U	3.6	U	3.6	U	34	U
AROCLOR 1248	12672-29-6	38	U	230	U	200	U	3.9	U	3.7	U	3.6	U	3.6	U	34	U
AROCLOR 1254	11097-69-1	38	U	230	U	200	U	3.9	U	3.7	U	3.6	U	3.6	U	180	
AROCLOR 1260	11096-82-5	38	U	230	U	200	U	8.9		1.4	J	3.6	U	3.6	U	34	U
Aroclor 1262	37324-23-5	38	U													34	U
Aroclor 1268	11100-14-4	38	U													34	U
Polychlorinated Biphenyls	1336-36-3							8.9		1.4						180	

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	118 Monroe Ave.		129 Academy Ave.		134 Monroe Ave.		134 Monroe Ave.		135 Academy Ave.	
	Top Depth	2		4		0		2		0	
	Sample Location	SB131		SB100		SS130		SB132		SB87	
	Sample ID	80018-SB131-0204		80018-SB100-0405		80018-SS130-0006		80018-SB132-0204		S-18281-051304-JR-059	
	Risk Zone	C		A		C		C		A	
	Bottom Depth	4		5		0.5		4		2	
	Sample Date	10/24/2008		11/11/2008		10/23/2008		10/24/2008		5/13/2004	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	34	U	44	U	70	U	41	U	3.6	U
AROCLOR 1221	11104-28-2	34	U	44	U	70	U	41	U	7.1	U
AROCLOR 1232	11141-16-5	34	U	44	U	70	U	41	U	3.6	U
AROCLOR 1242	53469-21-9	34	U	44	U	70	U	41	U	3.6	U
AROCLOR 1248	12672-29-6	34	U	44	U	70	U	41	U	3.6	U
AROCLOR 1254	11097-69-1	21	J	44	U	85		41	U	3.6	U
AROCLOR 1260	11096-82-5	34	U	44	U	39	J	41	U	2.6	J
Aroclor 1262	37324-23-5	34	U	44	U	70	U	41	U		
Aroclor 1268	11100-14-4	34	U	44	U	70	U	41	U		
Polychlorinated Biphenyls	1336-36-3	21				124				2.6	

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.	
	Top Depth	0		0		0		0.5		5		10	
	Sample Location	SS32		SS-51		SS79		SS-51		SB87		SB87	
	Sample ID	SS-032~A0KK9-1~~110102		APK37		S-052004-DK-142		APK38		S-18281-051304-JR-061		S-18281-051304-JR-063	
	Risk Zone	A		A		A		A		A		A	
	Bottom Depth	0.25		0.5		0.5		2		10		15	
	Sample Date	11/1/2002		4/28/1999		5/20/2004		4/28/1999		5/13/2004		5/13/2004	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	45	U	37	U	4	U	39	U	3.7	U	3.7	U
AROCLOR 1221	11104-28-2	92	U	74	U	7.8	U	79	U	7.1	U	7.2	U
AROCLOR 1232	11141-16-5	45	U	37	U	4	U	39	U	3.7	U	3.7	U
AROCLOR 1242	53469-21-9	45	U	37	U	4	U	39	U	3.7	U	3.7	U
AROCLOR 1248	12672-29-6	45	U	37	U	4	U	39	U	3.7	U	3.7	U
AROCLOR 1254	11097-69-1	45	U	37	U	4	U	39	U	3.7	U	3.7	U
AROCLOR 1260	11096-82-5	45	U	37	U	14	J	39	U	3.7	U	3.7	U
Aroclor 1262	37324-23-5												
Aroclor 1268	11100-14-4												
Polychlorinated Biphenyls	1336-36-3					14							

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	136 Store Ave.		137 Academy Ave.		141 Academy Ave.		141 Academy Ave.		141 Academy Ave.	
	Top Depth	0		0		0		0		4	
	Sample Location	SS36		SS34		SS101		SS101		SB101	
	Sample ID	SS-036~A0KK9-12~~110102		SS-034~A0RG2-11~~103102		80018-DUP100-0006		80018-SS101-0006		80018-SB101-0405	
	Risk Zone	Scovill-Offiste		B		A		A		A	
	Bottom Depth	0.25		0.25		0.5		0.5		5	
	Sample Date	11/1/2002		10/31/2002		10/16/2008		10/16/2008		11/11/2008	
	Sample Type	N		N		FD		N		N	
	Field Duplicate Parent					80018-SS101-0006					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	43	U	57	U	48	U	47	U	47	U
AROCLOR 1221	11104-28-2	88	U	120	U	48	U	47	U	47	U
AROCLOR 1232	11141-16-5	43	U	57	U	48	U	47	U	47	U
AROCLOR 1242	53469-21-9	43	U	57	U	48	U	47	U	47	U
AROCLOR 1248	12672-29-6	43	U	57	U	48	U	47	U	47	U
AROCLOR 1254	11097-69-1	43	U	57	U	36	J	38	J	47	U
AROCLOR 1260	11096-82-5	43	U	57	U	52		57		47	U
Aroclor 1262	37324-23-5					48	U	47	U	47	U
Aroclor 1268	11100-14-4					82	J	100	J	47	U
Polychlorinated Biphenyls	1336-36-3					170		195			

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	142 Monroe Ave.		143 Newbury Ave.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Top Depth	0		0		0		0		0		0		0	
	Sample Location	SS131		SS07		SB53		SS-29		SS-31		SS-32		SS78	
	Sample ID	80018-SS131-0006		SS-07~021014-12~~100402		S-051804-JR-106		APJ89		APJ93		APJ95		S-052004-DK-118	
	Risk Zone	C		C		B		B		C		B		B	
	Bottom Depth	0.5		0.25		2		0.5		0.5		0.5		0.5	
	Sample Date	10/22/2008		10/4/2002		5/18/2004		4/26/1999		4/26/1999		4/26/1999		5/20/2004	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	39	U	48	U	3.9	U	41	U	40	U	39	U	4.5	U
AROCLOR 1221	11104-28-2	39	U	97	U	7.5	U	84	U	81	U	80	U	8.7	U
AROCLOR 1232	11141-16-5	39	U	48	U	3.9	U	41	U	40	U	39	U	4.5	U
AROCLOR 1242	53469-21-9	39	U	48	U	3.9	U	41	U	40	U	39	U	4.5	U
AROCLOR 1248	12672-29-6	39	U	48	U	3.9	U	41	U	40	U	39	U	4.5	U
AROCLOR 1254	11097-69-1	34	J	48	U	20	J	41	U	40	U	39	U	4.5	U
AROCLOR 1260	11096-82-5	21	J	48	U	21	J	41	U	40	U	39	U	4.5	U
Aroclor 1262	37324-23-5	39	U												
Aroclor 1268	11100-14-4	39	U												
Polychlorinated Biphenyls	1336-36-3	55				41									

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Top Depth	0		0.5		0.5		0.5		0.5		0.5		0.5	
	Sample Location	SS78		SS147		SS148		SS151		SS152		SS153		SS154	
	Sample ID	S-052004-DK-119		80018-SS-SS147-1010		80018-SS-SS148-1010		80018-SS-SS151-1010		80018-SS-SS152-1010		80018-SS-SS153-1010		80018-SS-SS154-1010	
	Risk Zone	B		B		B		B		B		B		B	
	Bottom Depth	0.5		1		1		1		1		1		1	
	Sample Date	5/20/2004		10/5/2010		10/5/2010		10/5/2010		10/5/2010		10/5/2010		10/5/2010	
	Sample Type	FD		N		N		N		N		N		N	
	Field Duplicate Parent	S-052004-DK-118													
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	4.4	U	42	U	47	U	40	U	38	U	38	U	43	U
AROCLOR 1221	11104-28-2	8.5	U	42	U	47	U	40	U	38	U	38	U	43	U
AROCLOR 1232	11141-16-5	4.4	U	42	U	47	U	40	U	38	U	38	U	43	U
AROCLOR 1242	53469-21-9	4.4	U	42	U	47	U	40	U	38	U	38	U	43	U
AROCLOR 1248	12672-29-6	4.4	U	42	U	47	U	40	U	38	U	38	U	43	U
AROCLOR 1254	11097-69-1	4.4	U	42	U	47	U	40	U	38	U	38	U	43	U
AROCLOR 1260	11096-82-5	4.4	U	42	U	47	U	40	U	38	U	38	U	43	U
Aroclor 1262	37324-23-5			42	U	47	U	40	U	38	U	38	U	43	U
Aroclor 1268	11100-14-4			42	U	47	U	40	U	38	U	38	U	43	U
Polychlorinated Biphenyls	1336-36-3														

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		148 Academy Ave.	
	Top Depth	0.5		0.5		0.5		3.5		6		6.5		6.5		13		0	
	Sample Location	SS-29		SS-31		SS-32		SB53		MW1		SB53		SB53		SB53		SS-41	
	Sample ID	APJ90		APJ94		APJ96		S-051804-JR-120		S-071604-DK-207		S-051804-JR-121		S-051804-JR-122		S-051804-JR-123		APK14	
	Risk Zone	B		C		B		B		B		B		B		B		Scovill-Offiste	
	Bottom Depth	2		2		2		6		10		10		10		15		0.5	
	Sample Date	4/26/1999		4/26/1999		4/26/1999		5/18/2004		7/16/2004		5/18/2004		5/18/2004		5/18/2004		4/28/1999	
	Sample Type	N		N		N		N		N		N		FD		N		N	
	Field Duplicate Parent													S-051804-JR-121					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	38	U	40	U	41	U	4.9	U	3.8	U	3.7	U	3.7	U	3.7	U	41	U
AROCLOR 1221	11104-28-2	77	U	81	U	84	U	9.5	U	7.4	U	7.2	U	7.2	U	7.2	U	84	U
AROCLOR 1232	11141-16-5	38	U	40	U	41	U	4.9	U	3.8	U	3.7	U	3.7	U	3.7	U	41	U
AROCLOR 1242	53469-21-9	38	U	40	U	41	U	4.9	U	3.8	U	3.7	U	3.7	U	3.7	U	41	U
AROCLOR 1248	12672-29-6	38	U	40	U	41	U	4.9	U	3.8	U	3.7	U	3.7	U	3.7	U	41	U
AROCLOR 1254	11097-69-1	340		40	U	41	U	18	J	3.8	U	3.7	U	3.7	U	3.7	U	41	U
AROCLOR 1260	11096-82-5	38	U	40	U	41	U	11	J	3.8	U	3.7	U	3.7	U	3.7	U	41	U
Aroclor 1262	37324-23-5																		
Aroclor 1268	11100-14-4																		
Polychlorinated Biphenyls	1336-36-3	340						29											

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	148 Academy Ave.		148 Academy Ave.		148 Academy Ave.		148 Academy Ave.		149 Academy Ave.		15 Donald Terr.	
	Top Depth	0		0		0.5		0.5		0.5		0	
	Sample Location	SS-41		SS-42		SS-41		SS-42		SS-52		SS-46	
	Sample ID	APK15		APK17		APK16		APK18		APK40		APK26	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		A		Scovill-Offiste	
	Bottom Depth	0.5		0.5		2		2		2		0.5	
	Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999	
	Sample Type	FD		N		N		N		N		N	
	Field Duplicate Parent	APK14											
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	40	U	39	U	40	U	40	U	40	U	43	U
AROCLOR 1221	11104-28-2	81	U	80	U	81	U	82	U	82	U	87	U
AROCLOR 1232	11141-16-5	40	U	39	U	40	U	40	U	40	U	43	U
AROCLOR 1242	53469-21-9	40	U	39	U	40	U	40		40	U	43	U
AROCLOR 1248	12672-29-6	40	U	39	U	40	U	40	U	40	U	43	U
AROCLOR 1254	11097-69-1	40	U	39	U	40	U	40	U	40	U	43	U
AROCLOR 1260	11096-82-5	40	U	39	U	40	U	40	U	40	U	43	U
Aroclor 1262	37324-23-5												
Aroclor 1268	11100-14-4												
Polychlorinated Biphenyls	1336-36-3												

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	15 Donald Terr.		150 Monroe Ave.		158 Monroe Ave.		161 Academy Ave.		161 Academy Ave.	
	Top Depth	0.5		0		0		0		0	
	Sample Location	SS-46		SS132		SS133		SB29		SB88	
	Sample ID	APK27		80018-SS132-0006		80018-SS133-0006		A0SE5-2~~~102302		S-051704-JR-072	
	Risk Zone	Scovill-Offiste		C		C		A		A	
	Bottom Depth	2		0.5		0.5		4		2	
	Sample Date	4/28/1999		10/22/2008		10/22/2008		10/23/2002		5/17/2004	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	43	U	43	U	45	U	50	U	3.6	U
AROCLOR 1221	11104-28-2	87	U	43	U	45	U	100	U	7	U
AROCLOR 1232	11141-16-5	43	U	43	U	45	U	50	U	3.6	U
AROCLOR 1242	53469-21-9	43	U	43	U	45	U	50	U	3.6	U
AROCLOR 1248	12672-29-6	43	U	43	U	45	U	50	U	3.6	U
AROCLOR 1254	11097-69-1	43	U	28	J	45	U	50	U	3.6	U
AROCLOR 1260	11096-82-5	43	U	43	U	45	U	50	U	12	J
Aroclor 1262	37324-23-5			43	U	45	U				
Aroclor 1268	11100-14-4			43	U	45	U				
Polychlorinated Biphenyls	1336-36-3			28						12	

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

	Address	161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		161 Academy Ave.		166 Monroe Ave.		167 Academy Ave.	
	Top Depth	0		0		5		10		10		0		0	
	Sample Location	SS33		SS80		SB88		SB88		SB88		SS134		SS-49	
	Sample ID	SS-033~A0KK9-8~~110102		SS-051704-DK-052		S-051704-JR-074		S-051704-JR-076		S-051704-JR-078		80018-SS134-0006		APK32	
	Risk Zone	A		A		A		A		A		C		A	
	Bottom Depth	0.25		0.5		10		15		15		0.5		0.5	
	Sample Date	11/1/2002		5/17/2004		5/17/2004		5/17/2004		5/17/2004		10/22/2008		4/28/1999	
	Sample Type	N		N		N		N		FD		N		N	
	Field Duplicate Parent									S-051704-JR-076					
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	65	U	3.9	U	3.6	U	3.7	U	3.6	U	41	U	40	UJ
AROCLOR 1221	11104-28-2	130	U	7.6	U	7	U	7.1	U	7.1	U	41	U	82	UJ
AROCLOR 1232	11141-16-5	65	U	3.9	U	3.6	U	3.7	U	3.6	U	41	U	40	UJ
AROCLOR 1242	53469-21-9	65	U	3.9	U	3.6	U	3.7	U	3.6	U	41	U	40	UJ
AROCLOR 1248	12672-29-6	65	U	3.9	U	3.6	U	3.7	U	3.6	U	41	U	40	UJ
AROCLOR 1254	11097-69-1	65	U	3.9	U	3.6	U	3.7	U	3.6	U	33	J	40	UJ
AROCLOR 1260	11096-82-5	65	U	18	J	3.6	U	3.7	U	3.6	U	41	U	40	UJ
Aroclor 1262	37324-23-5											41	U		
Aroclor 1268	11100-14-4											41	U		
Polychlorinated Biphenyls	1336-36-3			18								33			

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	167 Academy Ave.		167 Academy Ave.		169 Meriden Rd.		169 Meriden Rd.		172 Newbury St.		172 Newbury St.		174 Monroe Ave.	
	Top Depth	0		0.5		0		5		0		0.5		0	
	Sample Location	SS-49		SS-49		SB55		SB55		SS-47		SS-47		SS135	
	Sample ID	APK34		APK33		S-051904-JR-137		S-051904-JR-138		APK28		APK29		80018-SS135-0006	
	Risk Zone	A		A		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C	
	Bottom Depth	0.5		2		2		7		0.5		2		0.5	
	Sample Date	4/28/1999		4/28/1999		5/19/2004		5/19/2004		4/28/1999		4/28/1999		10/22/2008	
	Sample Type	FD		N		N		N		N		N		N	
	Field Duplicate Parent	APK32													
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	41	U	41	U	3.7	U	4.2	U	39	U	43	U	41	U
AROCLOR 1221	11104-28-2	84	U	83	U	7.2	U	8.2	U	80	U	87	U	41	U
AROCLOR 1232	11141-16-5	41	U	41	U	3.7	U	4.2	U	39	U	43	U	41	U
AROCLOR 1242	53469-21-9	41	U	41	U	3.7	U	4.2	U	39	U	43	U	41	U
AROCLOR 1248	12672-29-6	41	U	41	U	3.7	U	4.2	U	39	U	43	U	41	U
AROCLOR 1254	11097-69-1	41	U	41	U	3.7	U	4.2	U	39	U	43	U	41	U
AROCLOR 1260	11096-82-5	41	U	41	U	3.7	UJ	4.2	UJ	39	U	43	U	41	U
Aroclor 1262	37324-23-5													41	U
Aroclor 1268	11100-14-4													41	U
Polychlorinated Biphenyls	1336-36-3														

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	174 Monroe Ave.		175 Academy Ave.		195 Beecher Ave.		195 Beecher Ave.		195 Beecher Ave.		196 Monroe Ave.		196 Monroe Ave.		197 Academy Ave.	
	Top Depth	2		0		0		0		10		0		5		0	
	Sample Location	SB134		SS105		SB85		SS76		SB85		SS136		SB135		SS106	
	Sample ID	80018-SB134-0203		80018-SS105-0006		S-051404-JR-018		SS-051404-DK-034		S-051404-JR-028		80018-SS136-0006		80018-SB135-0507		80018-SS106-0006	
	Risk Zone	C		A		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C		B	
	Bottom Depth	3		0.5		4		0.5		15		0.5		7		0.5	
	Sample Date	11/12/2008		10/16/2008		5/14/2004		5/14/2004		5/14/2004		10/15/2008		11/4/2008		10/16/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	41	U	67	U	3.7	U	4	U	4.1	UJ	40	U	43	U	54	U
AROCLOR 1221	11104-28-2	41	U	67	U	7.1	U	7.7	U	7.9	UJ	40	U	43	U	54	U
AROCLOR 1232	11141-16-5	41	U	67	U	3.7	U	4	U	4.1	UJ	40	U	43	U	54	U
AROCLOR 1242	53469-21-9	41	U	67	U	3.7	U	4	U	4.1	UJ	40	U	43	U	54	U
AROCLOR 1248	12672-29-6	41	U	67	U	3.7	U	4	U	4.1	UJ	40	U	43	U	54	U
AROCLOR 1254	11097-69-1	41	U	67	U	3.7	U	4	U	4.1	UJ	40	U	43	U	54	U
AROCLOR 1260	11096-82-5	41	U	48	J	3.7	U	20	J	4.1	UJ	40	U	43	U	54	U
Aroclor 1262	37324-23-5	41	U	67	U							40	U	43	U	54	U
Aroclor 1268	11100-14-4	41	U	67	U							40	U	43	U	54	U
Polychlorinated Biphenyls	1336-36-3			48				20									

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

	Address	197 Academy Ave.		204 Monroe Ave.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Monroe Ave.	
	Top Depth	4		0		0		0		0		18		0.5		6		0	
	Sample Location	SB105		SS137		SS41		SS41		SS110		SB114		SB42		SB42		SS-50	
	Sample ID	80018-SB105-0405		80018-SS137-0006		S-051904-DK-115		S-051904-DK-116		80018-SS110-0006		80018-SB114-1820		S-051804-DK-113		S-051804-DK-114		APK35	
	Risk Zone	B		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	5		0.5		0.5		0.5		0.5		20		4		8		0.5	
	Sample Date	11/12/2008		10/15/2008		5/19/2004		5/19/2004		10/16/2008		10/31/2008		5/18/2004		5/18/2004		4/28/1999	
	Sample Type	N		N		N		FD		N		N		N		N		N	
	Field Duplicate Parent							S-051904-DK-115											
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	40	U	43	U	3.9	U	4	U	40	U	40	U	3.7	U	4.4	U	40	U
AROCLOR 1221	11104-28-2	40	U	43	U	7.5	U	7.8	U	40	U	40	U	7.2	U	8.5	U	82	U
AROCLOR 1232	11141-16-5	40	U	43	U	3.9	U	4	U	40	U	40	U	3.7	U	4.4	U	40	U
AROCLOR 1242	53469-21-9	40	U	43	U	3.9	U	4	U	20	J	40	U	3.7	U	4.4	U	40	U
AROCLOR 1248	12672-29-6	40	U	43	U	3.9	U	4	U	40	U	40	U	3.7	U	4.4	U	40	U
AROCLOR 1254	11097-69-1	40	U	43	U	22	J	26	J	190		35	J	13	J	4.4	U	40	U
AROCLOR 1260	11096-82-5	40	U	43	U	23	J	28	J	120	J	40	U	13	J	4.4	U	40	U
Aroclor 1262	37324-23-5	40	U	43	U					40	U	40	U						
Aroclor 1268	11100-14-4	40	U	43	U					40	U	40	U						
Polychlorinated Biphenyls	1336-36-3					45		54		330		35		26					

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

	Address	211 Monroe Ave.		212 Monroe Ave.		212 Monroe Ave.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.	
	Top Depth	0.5		0		5		0		0		0		5	
	Sample Location	SS-50		SS138		SB136		SB41		SS111		SS112		SB113	
	Sample ID	APK36		80018-SS138-0006		80018-SB136-0507		S-18281-051304-JR-037		80018-SS-111-0006		80018-SS112-0006		80018-SB113-0507	
	Risk Zone	Scovill-Offiste		C		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	2		0.5		7		2		0.5		0.5		7	
	Sample Date	4/28/1999		10/15/2008		11/3/2008		5/13/2004		10/20/2008		10/20/2008		10/28/2008	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	45	U	42	U	36	U	4.1	U	39	U	43	U	35	U
AROCLOR 1221	11104-28-2	92	U	42	U	36	U	8	U	39	U	43	U	35	U
AROCLOR 1232	11141-16-5	45	U	42	U	36	U	4.1	U	39	U	43	U	35	U
AROCLOR 1242	53469-21-9	45	U	42	U	36	U	4.1	U	39	U	43	U	35	U
AROCLOR 1248	12672-29-6	45	U	42	U	36	U	4.1	U	39	U	43	U	35	U
AROCLOR 1254	11097-69-1	45	U	42	U	36	U	8.9	J	53		28	J	35	U
AROCLOR 1260	11096-82-5	45	U	42	U	36	U	29	J	50		43	U	35	U
Aroclor 1262	37324-23-5			42	U	36	U			39	U	43	U	35	U
Aroclor 1268	11100-14-4			42	U	36	U			39	U	43	U	35	U
Polychlorinated Biphenyls	1336-36-3							37.9		103		28			

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	219 Meriden Rd.		219 Meriden Rd.		224 Monroe Ave.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.	
	Top Depth	5		11		0		0		0.5		5	
	Sample Location	SB41		SB41		SS139		SS-54		SS-54		SB115	
	Sample ID	S-18281-051304-JR-039		S-18281-051304-JR-051		80018-SS139-0006		APK43		APK44		80018-SB115-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	8		15		0.5		0.5		2		7	
	Sample Date	5/13/2004		5/13/2004		10/8/2008		4/28/1999		4/28/1999		10/28/2008	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	7.4	U	3.7	U	39	U	39	U	40	U	39	U
AROCLOR 1221	11104-28-2	14	U	7.2	U	39	U	80	U	81	U	39	U
AROCLOR 1232	11141-16-5	7.4	U	3.7	U	39	U	39	U	40	U	39	U
AROCLOR 1242	53469-21-9	7.4	U	3.7	U	39	U	39	U	40	U	39	U
AROCLOR 1248	12672-29-6	7.4	U	3.7	U	39	U	39	U	40	U	39	U
AROCLOR 1254	11097-69-1	7.4	U	3.7	U	39	U	39	U	40	U	39	U
AROCLOR 1260	11096-82-5	7.4	U	3.7	U	39	U	39	U	40	U	39	U
Aroclor 1262	37324-23-5					39	U					39	U
Aroclor 1268	11100-14-4					39	U					39	U
Polychlorinated Biphenyls	1336-36-3												

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

	Address	225 Meriden Rd.		231 Meriden Rd.		231 Meriden Rd.		231 Meriden Rd.		232 Monroe Ave.		232 Monroe Ave.		25 Atwood Ave.		29 Radcliffe Ave.	
	Top Depth	10		5		5		5		0		10		0		0	
	Sample Location	SB116		SB117		SB118		SB118		SS140		SB137		SS43		SS-48	
	Sample ID	80018-SB116-1012		80018-SB117-0507		80018-DUP108-0507		80018-SB118-0507		80018-SS140-0006		80018-SB137-1012		SS-051204-DK-008		APK30	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	12		7		7		7		0.5		12		0.5		0.5	
	Sample Date	10/28/2008		10/24/2008		10/30/2008		10/30/2008		10/15/2008		11/3/2008		5/12/2004		4/28/1999	
	Sample Type	N		N		FD		N		N		N		N		N	
	Field Duplicate Parent					80018-SB118-0507											
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	56	U	43	U	41	U	40	U	41	U	37	U	19	U	45	U
AROCLOR 1221	11104-28-2	56	U	43	U	41	U	40	U	41	U	37	U	37	U	92	U
AROCLOR 1232	11141-16-5	56	U	43	U	41	U	40	U	41	U	37	U	19	U	45	U
AROCLOR 1242	53469-21-9	56	U	43	U	41	U	40	U	41	U	37	U	19	U	45	U
AROCLOR 1248	12672-29-6	56	U	43	U	41	U	40	U	41	U	37	U	19	U	45	U
AROCLOR 1254	11097-69-1	56	U	43	U	57		34	J	41	U	37	U	19	U	45	U
AROCLOR 1260	11096-82-5	56	U	43	U	41	U	40	U	41	U	37	U	22	J	23	J
Aroclor 1262	37324-23-5	56	U	43	U	41	U	40	U	41	U	37	U				
Aroclor 1268	11100-14-4	56	U	43	U	41	U	40	U	41	U	37	U				
Polychlorinated Biphenyls	1336-36-3					57		34						22		23	

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

	Address	29 Radcliffe Ave.		299 Meriden Rd.		299 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.	
	Top Depth	0.5		5		5		0		0		0		0.5		5	
	Sample Location	SS-48		SB123		SB124		SS116		SS117		SS37		SB37		SB125	
	Sample ID	APK31		80018-SB123-0507		80018-SB124-0507		80018-SS116-0002		80018-SS117-0002		S-052004-DK-144		S-051204-JR-011		80018-SB125-0507	
	Risk Zone	Scovill-Offiste		Scovill-Within_Waste_Area		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	2		7		7		2		0.5		0.5		4		7	
	Sample Date	4/28/1999		10/22/2008		10/23/2008		10/23/2008		10/24/2008		5/20/2004		5/12/2004		10/23/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	44	U	34	U	34	U	35	U	37	U	4.2	U	3.5	U	33	U
AROCLOR 1221	11104-28-2	89	U	34	U	34	U	35	U	37	U	8.1	U	6.8	U	33	U
AROCLOR 1232	11141-16-5	44	U	34	U	34	U	35	U	37	U	4.2	U	3.5	U	33	U
AROCLOR 1242	53469-21-9	44	U	34	U	34	U	35	U	37	U	4.2	U	3.5	U	33	U
AROCLOR 1248	12672-29-6	44	U	34	U	34	U	35	U	37	U	4.2	U	3.5	U	33	U
AROCLOR 1254	11097-69-1	44	U	34	U	34	U	35	U	18	J	19	J	3.5	U	33	U
AROCLOR 1260	11096-82-5	44	U	34	U	34	U	35	U	37	U	52	J	3.5	U	33	U
Aroclor 1262	37324-23-5			34	U	34	U	35	U	37	U					33	U
Aroclor 1268	11100-14-4			34	U	34	U	35	U	37	U					33	U
Polychlorinated Biphenyls	1336-36-3									18		71					

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	305 Meriden Rd.		305 Meriden Rd.		305 Meriden Rd.		313 Meriden Rd.		40 Monroe Ave.		40 Monroe Ave.		40 Monroe Ave.		41 Dunbar St.	
	Top Depth	5		10		14		0		0		0.5		6		10	
	Sample Location	SB37		SB37		SB126		SS39		SS119		SB43		SB43		SB112	
	Sample ID	S-051204-JR-013		S-051204-JR-015		80018-SB126-1416		SS-051204-DK-006		80018-SS119-0006		S-051804-DK-109		S-051804-DK-110		80018-SB112-1012	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		D2		D2		D2		D2	
	Bottom Depth	10		15		16		0.5		0.5		2		10		12	
	Sample Date	5/12/2004		5/12/2004		10/24/2008		5/12/2004		10/16/2008		5/18/2004		5/18/2004		11/3/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	3.4	U	3.5	U	33	U	4.5	U	38	U	3.7	U	4.1	U	45	U
AROCLOR 1221	11104-28-2	6.6	U	6.7	U	33	U	8.6	U	38	U	7.3	U	8	U	45	U
AROCLOR 1232	11141-16-5	3.4	U	3.5	U	33	U	4.5	U	38	U	3.7	U	4.1	U	45	U
AROCLOR 1242	53469-21-9	3.4	U	3.5	U	33	U	4.5	U	38	U	3.7	U	4.1	U	45	U
AROCLOR 1248	12672-29-6	3.4	U	3.5	U	33	U	4.5	U	38	U	3.7	U	4.1	U	45	U
AROCLOR 1254	11097-69-1	3.4	U	3.5	U	33	U	4.5	U	38	U	16	J	4.1	U	45	U
AROCLOR 1260	11096-82-5	3.4	U	3.5	U	33	U	24	J	38	U	3.7	U	4.1	U	1100	D
Aroclor 1262	37324-23-5					33	U			38	U					45	U
Aroclor 1268	11100-14-4					33	U			38	U					45	U
Polychlorinated Biphenyls	1336-36-3							24				16				1100	

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	48 Monroe Ave.		52 Monroe Ave.		52 Monroe Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.	
	Top Depth	0		0		5		0		0		0		0.5		0.5	
	Sample Location	SS120		SS121		SB129		SS-43		SS-44		SS-45		SS-43		SS-44	
	Sample ID	80018-SS120-0006		80018-SS121-0006		80018-SB129-0507		APK19		APK21		APK23		APK20		APK22	
	Risk Zone	D2		D2		D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		0.5		7		0.5		0.5		0.5		2		2	
	Sample Date	10/16/2008		10/16/2008		11/5/2008		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	40	U	38	U	34	U	35	U	200	U	38	U	41	U	190	U
AROCLOR 1221	11104-28-2	40	U	38	U	34	U	72	U	400	U	77	U	83	U	390	U
AROCLOR 1232	11141-16-5	40	U	38	U	34	U	35	U	200	U	38	U	41	U	190	U
AROCLOR 1242	53469-21-9	40	U	38	U	34	U	35	U	200	U	38	U	41	U	190	U
AROCLOR 1248	12672-29-6	40	U	38	U	34	U	35	U	200	U	38	U	41	U	190	U
AROCLOR 1254	11097-69-1	40	U	37	J	34	U	35	U	200	U	38	U	41	U	190	U
AROCLOR 1260	11096-82-5	58	J	57		34	U	35	U	200	U	38	U	41	U	190	U
Aroclor 1262	37324-23-5	40	U	38	U	34	U										
Aroclor 1268	11100-14-4	40	U	38	U	34	U										
Polychlorinated Biphenyls	1336-36-3	58		94													

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

	Address	55 Academy Ave.		67 Academy Ave.		67 Academy Ave.		68 Monroe Ave.		68 Monroe Ave.		68 Monroe Ave.	
	Top Depth	0.5		0		0		0		0		5	
	Sample Location	SS-45		SS30		SS30		SS123		SS42		SB130	
	Sample ID	APK24		KSS-030~A0KK9-14~FDOFA0RJ3~110102		SS-030~A0KK9-6~FDOFAQN14~110102		80018-SS123-0006		SS-051404-DK-010		80018-SB130-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		D2		D2		D2	
	Bottom Depth	2		0.25		0.25		0.5		0.5		7	
	Sample Date	4/27/1999		11/1/2002		11/1/2002		10/16/2008		5/14/2004		11/4/2008	
	Sample Type	N		FD		N		N		N		N	
	Field Duplicate Parent			SS-030~A0KK9-6~FDOFAQN14~110102									
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	36	U	43	U	39	U	40	U	4.3	U	40	U
AROCLOR 1221	11104-28-2	74	U	87	U	80	U	40	U	8.3	U	40	U
AROCLOR 1232	11141-16-5	36	U	43	U	39	U	40	U	4.3	U	40	U
AROCLOR 1242	53469-21-9	36	U	43	U	39	U	40	U	4.3	U	40	U
AROCLOR 1248	12672-29-6	36	U	43	U	39	U	40	U	4.3	U	40	U
AROCLOR 1254	11097-69-1	36	U	43	U	39	U	40	U	27	J	40	U
AROCLOR 1260	11096-82-5	36	U	43	U	39	U	21	J	17	J	40	U
Aroclor 1262	37324-23-5							40	U			40	U
Aroclor 1268	11100-14-4							40	U			40	U
Polychlorinated Biphenyls	1336-36-3							21		44			

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

	Address	72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Top Depth	0		0		0		5		5		5.5		10.5		10.5	
	Sample Location	SB50		SB51		SS44		SB106		SB50		SB51		SB51		SB51	
	Sample ID	S-052404-JR-162		S-051704-JR-088		S-052404-DK-164		80018-SB106-0507		S-052404-JR-163		S-051704-JR-090		S-051704-JR-092		S-051704-JR-094	
	Risk Zone	B		Scovill-Offiste		Z		Scovill-Offiste		B		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	4		3		0.5		7		7.5		10		15		15	
	Sample Date	5/24/2004		5/17/2004		5/24/2004		10/29/2008		5/24/2004		5/17/2004		5/17/2004		5/17/2004	
	Sample Type	N		N		N		N		N		N		N		FD	
	Field Duplicate Parent															S-051704-JR-092	
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	4	U	4.6	U	4.3	U	59	U	5.1	UJ	3.6	U	3.7	U	3.8	U
AROCLOR 1221	11104-28-2	7.7	U	8.9	U	8.4	U	59	U	9.9	UJ	7	U	7.3	U	7.5	U
AROCLOR 1232	11141-16-5	4	U	4.6	U	4.3	U	59	U	5.1	UJ	3.6	U	3.7	U	3.8	U
AROCLOR 1242	53469-21-9	4	U	4.6	U	4.3	U	59	U	5.1	UJ	3.6	U	3.7	U	3.8	U
AROCLOR 1248	12672-29-6	4	U	4.6	U	4.3	U	59	U	5.1	UJ	3.6	U	3.7	U	3.8	U
AROCLOR 1254	11097-69-1	4	U	4.6	U	5.6	J	59	U	11	J	3.6	U	3.7	U	3.8	U
AROCLOR 1260	11096-82-5	4.5	J	4.6	U	6.6		59	U	6.4	J	3.6	U	3.7	U	3.8	U
Aroclor 1262	37324-23-5							59	U								
Aroclor 1268	11100-14-4							59	U								
Polychlorinated Biphenyls	1336-36-3	4.5				12.2				17.4							

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

	Address	74 Monroe Ave.		76 Altyre St.		76 Altyre St.		76 Altyre St.		82 Hinsdale Ave.		82 Hinsdale Ave.	
	Top Depth	0		0		0		10		0		0	
	Sample Location	SS124		SS45		SB54		SB54		SB86		SB86	
	Sample ID	80018-SS124-0006		SS-051704-DK-050		S-051704-JR-060		S-051704-JR-062		S-051404-JR-042		S-051404-JR-044	
	Risk Zone	D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		0.5		4		15		4		4	
	Sample Date	10/16/2008		5/17/2004		5/17/2004		5/17/2004		5/14/2004		5/14/2004	
	Sample Type	N		N		N		N		N		FD	
	Field Duplicate Parent											S-051404-JR-042	
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	45	U	4.4	U	3.7	U	3.5	U	4	U	4	U
AROCLOR 1221	11104-28-2	45	U	8.5	U	7.1	U	6.7	U	7.7	U	7.8	U
AROCLOR 1232	11141-16-5	45	U	4.4	U	3.7	U	3.5	U	4	U	4	U
AROCLOR 1242	53469-21-9	45	U	4.4	U	3.7	U	3.5	U	4	U	4	U
AROCLOR 1248	12672-29-6	45	U	4.4	U	3.7	U	3.5	U	4	U	4	U
AROCLOR 1254	11097-69-1	110		R		3.7	U	3.5	U	4	U	4	U
AROCLOR 1260	11096-82-5	46	J	20	J	3.9	J	3.5	U	4	U	4	U
Aroclor 1262	37324-23-5	45	U										
Aroclor 1268	11100-14-4	45	U										
Polychlorinated Biphenyls	1336-36-3	156		20		3.9							

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	82 Hinsdale Ave.		82 Hinsdale Ave.		Meriden Rd.		Meriden Rd. Lot Behind U-Haul		Pine Grove Cemetery		Pine Grove Cemetery	
	Top Depth	0		5		5		0		0		0	
	Sample Location	SS77		SB86		SB127		SS46		SS47		SS-55	
	Sample ID	SS-051404-DK-048		S-051404-JR-046		80018-SB127-0509		S-051904-DK-117		S-052004-DK-141		APK45	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		10		9		0.5		0.5		0.5	
	Sample Date	5/14/2004		5/14/2004		10/22/2008		5/19/2004		5/20/2004		4/28/1999	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	220	U	3.4	U	35	U	3.9	U	4.1	U	46	U
AROCLOR 1221	11104-28-2	420	U	6.7	U	35	U	7.6	U	8	U	94	U
AROCLOR 1232	11141-16-5	220	U	3.4	U	35	U	3.9	U	4.1	U	46	U
AROCLOR 1242	53469-21-9	220	U	3.4	U	35	U	3.9	U	4.1	U	46	U
AROCLOR 1248	12672-29-6	220	U	3.4	U	35	U	3.9	U	4.1	U	46	U
AROCLOR 1254	11097-69-1	220	U	3.4	U	35	U	3.9	U	12	J	46	U
AROCLOR 1260	11096-82-5	220	U	3.4	U	35	U	6.2	J	8.5	J	46	U
Aroclor 1262	37324-23-5					35	U						
Aroclor 1268	11100-14-4					35	U						
Polychlorinated Biphenyls	1336-36-3							6.2		20.5			

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
PCBs in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	Pine Grove Cemetery		Pine Grove Cemetery		Pine Grove Cemetery		Vacant Monroe Parcel		Vacant Monroe Parcel	
	Top Depth	0.5		0.5		5		0		5	
	Sample Location	SB56		SS-55		SB56		SS141		SB138	
	Sample ID	S-051204-JR-001		APK46		S-051204-JR-002		80018-SS141-0006		80018-SB138-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		D2		D2	
	Bottom Depth	4.5		2		10		0.5		7	
	Sample Date	5/12/2004		4/28/1999		5/12/2004		10/16/2008		10/31/2008	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	3.4	U	44	U	3.5	U	36	U	42	U
AROCLOR 1221	11104-28-2	6.6	U	0.9	U	6.7	U	36	U	42	U
AROCLOR 1232	11141-16-5	3.4	U	44	U	3.5	U	36	U	42	U
AROCLOR 1242	53469-21-9	3.4	U	44	U	3.5	U	220		42	U
AROCLOR 1248	12672-29-6	3.4	U	44	U	3.5	U	36	U	42	U
AROCLOR 1254	11097-69-1	3.4	U	44	U	3.5	U	44		42	U
AROCLOR 1260	11096-82-5	3.4	U	44	U	3.5	U	28	J	42	U
Aroclor 1262	37324-23-5							36	U	42	U
Aroclor 1268	11100-14-4							36	U	42	U
Polychlorinated Biphenyls	1336-36-3							292			

Notes:
Polychlorinated Biphenyls value is reported as a sum of detected PCBs
µg/Kg - Micrograms per Kilogram (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable
D- Result reported from a diluted analysis
P- %D between two collumns

Appendix H
Analytical Data Summary
Dioxins/Furans in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	25 Atwood Ave.		41 Dunbar St.	
	Top Depth	0		5	
	Sample Location	SS43		SB112	
	Sample ID	SS-18291-051204-DK-008		80018-SB112-0507	
	Risk Zone	Scovill-Offiste		D2	
	Bottom Depth	0.5		7	
	Sample Date	5/12/2004		11/5/2008	
	Sample Type	N		N	
	Field Duplicate Parent				
	Unit	pg/g		ng/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	17	JEB	8.14	J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	1600		70.4	J
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	67562-39-4	8.9	EB	7.89	J
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	67		7.34	J
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	55673-89-7	0.8	U	0.632	J
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	70648-26-9	5.4	EB	1.14	J
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	0.61	U	0.217	J
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	57117-44-9	0.95	JEB	1.37	J
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	3.1	UJ	0.776	J
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	72918-21-9	0.11	U	0.428	J
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	1.9	U	0.491	J
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	0.58	EB	0.559	J
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	0.55	U	0.282	J
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	60851-34-5	1.1	U	1.62	J
2,3,4,7,8-PENTACHLORODIBENZOFURAN	57117-31-4	0.87	U	1.29	J
2,3,7,8-TETRACHLORODIBENZOFURAN	51207-31-9	0.67	#J	0.65	J
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1746-01-6	0.16		0.186	UJ
Heptachlorodibenzofuran (total)	38998-75-3			12.6	J
Heptachlorodibenzo-p-dioxin (total)	37871-00-4			16.6	J
Hexachlorodibenzofuran (total)	55684-94-1			17.9	J
Hexachlorodibenzo-p-dioxin (total)	34465-46-8			8.51	J
Pentachlorodibenzofuran (total)	30402-15-4			38.1	J
Pentachlorodibenzo-p-dioxin (total)	36088-22-9			5.44	J
Tetrachlorodibenzo(p)dioxin (total)	41903-57-5			1.79	J
Tetrachlorodibenzofuran (total)	55722-27-5			30.4	J
Toxicity Equivalency	TEF			1.54	

Notes:
ng/Kg - Nanograms per Kilogram (part per trillion)
U - Substance was analyed for, but not detected, reporting limit presented
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UJ - Substance was analyed for, but not detected, estimated reporting limit
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		5		2		4		0		0		0	
	Sample Location	SB09		SB102		SB103		SB104		SB17		SB30		SS06	
	Sample ID	SB09-00-05~P4842-15~~102202		80018-SB102-0506		80018-SB103-0203		80018-SB104-0405		SB17-00-01~P4842-22~~102302		SB30-00-04~P4842-16 ~~102302		SS-06~51155.2~~	
	Risk Zone	B		A		A		A		B		B		B	
	Bottom Depth	5		6		3		5		1		4		0.25	
	Sample Date	10/22/2002		11/11/2008		11/11/2008		11/12/2008		10/23/2002		10/23/2002		11/1/2002	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	8120		8290		11700		4120		3480		6640		12000	
ANTIMONY	7440-36-0	0.8685	U	R		R		R		1.7462	U	0.9396	U	0.7427	U
ARSENIC	7440-38-2	1.1	B*	5.3		3.6		1.7		2.3	B*	19.4	*	6	
BARIUM	7440-39-3	32.7	B	965		25.1	J	7.8		42	B	37.9	B	43.7	B
BERYLLIUM	7440-41-7	0.38	B	0.4	J	0.51	J	0.21	J	0.51	B	0.58	B	0.57	B
CADMIUM	7440-43-9	0.12	B	4.3		0.4	J	0.064		1.6	B	0.26	B	0.2476	U
CALCIUM	7440-70-2	2080		2030		242	J	138		5540		801	B	762	B
CHROMIUM	7440-47-3	12.1		27.3	J	14.9	J	9.3	J	8.4		22.1		13.6	
COBALT	7440-48-4	4.7	B	4.3	J	4.7	J	2.1	J	2.5	B	4.9	B	5.6	B
COPPER	7440-50-8	143	*E	337		8.7		6.3		46.5	*E	49.2	*E	15.6	
CYANIDE	57-12-5	0.07	U	3.2	U	3.5	U	3.1	U	0.14	U	0.07	U	0.13	U
IRON	7439-89-6	10700	*	13800		15000		6530		5640	*	27200	*	13200	
LEAD	7439-92-1	26		652		8.8		2.6	J	35.4		89.6		15.2	
MAGNESIUM	7439-95-4	2380		1890		1780		922		1550	B	1030	B	2480	
MANGANESE	7439-96-5	107		170		187		84.9		172		188		302	
MERCURY	7439-97-6	0.1128	U	2.5		0.019	J	0.13	U	0.2213	U	0.1342	U	0.12	B
NICKEL	7440-02-0	15.5		30		6.3		4.3		6.1	B	9.1	B	10.7	
POTASSIUM	7440-09-7	1020	BE	1080		703		405		475	BE	423	BE	773	B
SELENIUM	7782-49-2	0.7444	U	0.57	J	4.9	U	4.4	U	1.5	B	0.81	B	0.7427	U
SILVER	7440-22-4	1.2	BN	0.66	J	0.19	J	1.3	J	0.5488	UN	0.56	BN	0.2476	U
SODIUM	7440-23-5	117.3697	U	110	J	62	J	54.2	J	235.9926	U	126.9799	U	375	B
THALLIUM	7440-28-0	0.7692	U	3.2	U	3.5	U	3.1	U	1.5467	U	2.1	B	1	B
VANADIUM	7440-62-2	22.2		20.5		19.1		7.4		14.1	B	17		22.3	
ZINC	7440-66-6	179		1670		47.2		14.1		265		86.5		35.3	

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
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UJ - Substance was analyed for, but not detected, estimated reporting limit presented
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Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		0		0		0		0		0		0	
	Sample Location	SS102		SS103		SS104		SS13		SS22		SS22		SS-28	
	Sample ID	80018-SS102-0006		80018-SS103-0006		80018-SS104-0006		SS-013~P4845-09~~102402		SS-022~51169.01~~110102		SS-022~51169~~110102		MAMH81	
	Risk Zone	A		A		A		B		B		B		B	
	Bottom Depth	0.5		0.5		0.5		0.25		0.25		0.25		0.5	
	Sample Date	10/16/2008		10/16/2008		10/16/2008		10/24/2002		11/1/2002		11/1/2002		4/28/1999	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	7720		11500		9370		11400		2000				11100	J
ANTIMONY	7440-36-0	R		R		R		0.9602	U			0.7864	U	0.58	UJ
ARSENIC	7440-38-2	4.8		7.3		2.3		4.1				1.1	B	2.1	J
BARIUM	7440-39-3	264		50		12.5	J	44.5	B			26.7	B	51.3	J
BERYLLIUM	7440-41-7	0.38	J	0.49	J	0.25	J	0.54	B			0.2621	U	0.45	J
CADMIUM	7440-43-9	1.7		0.62		0.59	J	0.77	B			0.2621	U	0.45	J
CALCIUM	7440-70-2	1750		711		252	J	1780				755	B	1330	J
CHROMIUM	7440-47-3	13.6	J	14.5	J	7.9	J	13.7				5.7		14.2	J
COBALT	7440-48-4	4.8	J	4	J	1	J	6.5	B			1.7	B	4.6	J
COPPER	7440-50-8	258	J	119		40.9						12.5		1110	J
CYANIDE	57-12-5	2.9	U	3	U	3.9	U	0.45	B			0.12	B	0.07	UJ
IRON	7439-89-6	14800	J	13300		12500		14800				3930		13100	J
LEAD	7439-92-1	198	J	171	J	21.9	J	67.5				5.5		42.2	J
MAGNESIUM	7439-95-4	2300		1610		438	J	2560				1220	B	2580	J
MANGANESE	7439-96-5	244		170	J	189	J	319				42.5		188	J
MERCURY	7439-97-6	1.6		0.24	J	0.21	J	0.1372	U			0.0524	U	0.06	UJ
NICKEL	7440-02-0	17.2		11.5		3.4	J	17.7				3.9	B	39.4	J
POTASSIUM	7440-09-7	973		588	J	198	J					632	B	988	J
SELENIUM	7782-49-2	4.1	U	1.1	J	0.86	J	0.92	B			0.7864	UN	0.76	UJ
SILVER	7440-22-4	0.62	J	0.46	J	0.16	J	0.45	BN			0.2621	U	0.98	J
SODIUM	7440-23-5	82.3	J	71.2	J	78.8	J	129.7668	U			358	BE	322	UJ
THALLIUM	7440-28-0	2.9	U	3	U	3.9	U	0.8505	U			0.86	B	1.4	UJ
VANADIUM	7440-62-2	21.2		34.8		19.3		27.9				8	B	67.2	J
ZINC	7440-66-6	1190	J	114	J	80	J	153				33.1	EN	433	J

Notes:
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Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		0.5		0.5		0.5		0.5		4	
	Sample Location	SS-30		SS149		SS155		SS-28		SS-30		SB10	
	Sample ID	MAMH85		30018-SS-SS149-1010		30018-SS-SS155-1010		MAMH82		MAMH86		SB-10-04-05~47110~~100402	
	Risk Zone	B		B		B		B		B		C	
	Bottom Depth	0.5		1		1		2		2		5	
	Sample Date	4/28/1999		10/5/2010		10/5/2010		4/28/1999		4/28/1999		10/4/2002	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	13400	J	3475		9002		9550	J	11600	J	8200	
ANTIMONY	7440-36-0		R	7.3	UJ	6	UJ		R		R	1.4	J
ARSENIC	7440-38-2	3.6	J	1.7		1.5		3.2	J	4	J	1.8	JEB
BARIUM	7440-39-3	54.1	J	23.4	J	37.4	J	36.9	J	83.2	J	23.1	
BERYLLIUM	7440-41-7	0.58	J	0.061	J	0.63	U	0.55	J	0.46	J	0.3367	U
CADMIUM	7440-43-9	0.17	J	1.3	J	0.22	J	0.67	J	0.85	J	0.45	
CALCIUM	7440-70-2	687	J	2073		1157		1030	J	1680	J	605	
CHROMIUM	7440-47-3	16.4	J	18.6		12.4		20.6	J	14.6	J	10.2	EB
COBALT	7440-48-4	5.1	J	3.9	J	5.6	J	3.7	J	5.3	J	5.8	
COPPER	7440-50-8	42.1	UJ	12967		139		67.3	UJ	86.3	J	17.9	J
CYANIDE	57-12-5	0.29	UJ					0.07	UJ	0.07	J	0.1	UJ
IRON	7439-89-6	15800	J	7534		11157		13900	J	14900	J	12300	
LEAD	7439-92-1	30.6	J	264		26		43.7	J	122	J	7.4	J
MAGNESIUM	7439-95-4	2860	J	1375		2422		1590	J	2540	J	1830	
MANGANESE	7439-96-5	238	J	185		163		139	J	347	J	115	J
MERCURY	7439-97-6	0.12	UJ	0.092	JEB	0.13	U	0.06	UJ	0.22	UJ	0.0612	U
NICKEL	7440-02-0	12.9	J	350	J	13.7	J	8.9	J	13.8	J	11	
POTASSIUM	7440-09-7	1200	J	564	J	1646		781	J	1150	J	905	EB
SELENIUM	7782-49-2	0.76	UJ	0.7	J	0.67	J	0.77	UJ	0.7	UJ	0.83	UJ
SILVER	7440-22-4	0.99	J	1	J	1.3	J	0.79	J	0.98	J	0.43	J
SODIUM	7440-23-5	177	UJ	56.7	J	44	J	286	UJ	183	UJ	641	JEB
THALLIUM	7440-28-0	1.4	UJ	3	UJ	3.1	UJ	1.4	UJ	1.3	UJ	1.5	U
VANADIUM	7440-62-2	28.6	J	537		22.8		22.6	J	25.7	J	16.6	
ZINC	7440-66-6	73.2	J	1845	J	121	J	111	J	214	J	46	

Notes:
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Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		100 Monroe Ave.		100 Monroe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		108 Radcliffe Ave.		118 Monroe Ave.	
	Top Depth	4		5		0		0.5		0		0.5		5		5		0	
	Sample Location	SB170		SB168		SS-53		SS-53		SS75		SB84		SB84		SB84		SS128	
	Sample ID	80018-SB170-0405		80018-SB168-0507		MAMJ37		MAMJ38		S-052004-DK-143		S-051304-JR-071		S-051304-JR-073		S-051304-JR-077		80018-SS128-0006	
	Risk Zone	B		B		D2		D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C	
	Bottom Depth	5		7		0.5		2		0.5		4		10		10		0.5	
	Sample Date	11/11/2008		10/29/2008		4/28/1999		4/28/1999		5/20/2004		5/13/2004		5/13/2004		5/13/2004		10/23/2008	
	Sample Type	N		N		N		N		N		N		N		FD		N	
	Field Duplicate Parent															S-051304-JR-073			
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	8180		5410		11200		10000		12600		14000		6850		7470		6050	
ANTIMONY	7440-36-0	R		6.7	U	0.52	UJ	0.8	UJ	14.3	UJ	13.8	U	14.7	U	15.1	U	R	
ARSENIC	7440-38-2	3.5		1.7		4.3		3.6		4.9		2.6	J	1.5	J	10.4	U	2.1	
BARIUM	7440-39-3	121		35.9		50		53.6		79.5		52.8		38		45.1		25	
BERYLLIUM	7440-41-7	0.36	J	0.19	J	0.56		0.46		2.4	U	2.4	U	2.5	U	2.6	U	0.27	J
CADMIUM	7440-43-9	1.5		0.13	J	0.29	U	1.1		3.7	U	3.5	U	3.8	U	3.9	U	0.2	J
CALCIUM	7440-70-2	2320		660		1100	J	1320	J									561	
CHROMIUM	7440-47-3	14.1	J	6.4		16.2		12.3		14.3		12		9.5		11.4		7.2	J
COBALT	7440-48-4	6	J	3.6	J	6.2		5.3		5.4		4.3		4.3		4.7		3.4	J
COPPER	7440-50-8	155		12.6		119	J	67.6	J	84.3		22.3		16.6		13.8		33.7	J
CYANIDE	57-12-5	3.2	U	2.8	U	0.63	J	0.19	J	0.201		0.17		0.528	U	0.528	U	2.6	U
IRON	7439-89-6	15000		8710		15100		18000										9160	J
LEAD	7439-92-1	114		3.5		95.3	J	78	J	220		28.6		14.3		5.4		23.8	J
MAGNESIUM	7439-95-4	3030		1960		2800	J	2330	J									1550	
MANGANESE	7439-96-5	222		86		341	J	245	J									160	
MERCURY	7439-97-6	0.4		0.11	U	0.35	U	0.24	U	0.091		0.039		0.043	U	0.041	U	0.038	J
NICKEL	7440-02-0	16.5		6.8		14.2		14.3		14.6		9.2		8.6		8.7		7.4	
POTASSIUM	7440-09-7	1670		1640		1070		1180										892	
SELENIUM	7782-49-2	4.5	U	3.9	U	1.3	UJ	0.95	UJ	19.6	U	18.8	UJ	20.1	UJ	20.7	UJ	3.7	U
SILVER	7440-22-4	0.51	J	0.16	J	0.94		1.3		3.7	U	3.5	U	3.8	U	3.9	U	0.062	J
SODIUM	7440-23-5	126	J	41.4	J	183	J	158	J									37.9	J
THALLIUM	7440-28-0	3.2	U	2.8	U	1.4	U	1.3	U	26.9	UJ	25.9	U	27.7	U	28.5	U	2.6	U
VANADIUM	7440-62-2	24.6		12.9		34.4		23		30.3		25.2		17.9		20.5		14.3	
ZINC	7440-66-6	408		23.9		145	J	280	J	257		72.3		30.5		26.2		46.4	J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	118 Monroe Ave.		129 Academy Ave.		134 Monroe Ave.		134 Monroe Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.	
	Top Depth	2		4		0		2		0		0		0	
	Sample Location	SB131		SB100		SS130		SB132		SB87		SS32		SS-51	
	Sample ID	80018-SB131-0204		80018-SB100-0405		80018-SS130-0006		80018-SB132-0204		S-18281-051304-JR-059		SS-032~51169.1~FDOFMA0T43~110102		MAMH66	
	Risk Zone	C		A		C		C		A		A		A	
	Bottom Depth	4		5		0.5		4		2		0.25		0.5	
	Sample Date	10/24/2008		11/11/2008		10/23/2008		10/24/2008		5/13/2004		11/1/2002		4/28/1999	
	Sample Type	N		N		N		N		N		N		FD	
	Field Duplicate Parent													MAMJ33	
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	2710		6500		6340		16900		11100		8450		9650	
ANTIMONY	7440-36-0	6.2	UJ	R		R		8.3	UJ	R		0.91	B	0.52	UJ
ARSENIC	7440-38-2	1.4		2.6		3.2		3.7		2.3	J	3		4.2	
BARIUM	7440-39-3	11	J	14.6	J	70.5		69.2	J	52.2		60.6		56.9	
BERYLLIUM	7440-41-7	0.17	J	0.3	J	0.27	J	0.6	J	2.3	U	0.36	B	0.5	
CADMIUM	7440-43-9	0.053	J	0.15	J	1.4		0.83		3.4	U	1.8		0.48	U
CALCIUM	7440-70-2	427	J	293	J	2480		1020				2050		1060	J
CHROMIUM	7440-47-3	3.3	J	7.2	J	13.5	J	15.1	J	10.3		11.5		13.5	
COBALT	7440-48-4	1.6	J	1.8	J	3.9	J	5	J	4.6		4.9	B	4.5	
COPPER	7440-50-8	10.1	J	10.7		64.6	J	16.8	J	23.8		105		66.1	
CYANIDE	57-12-5	2.6	U	3.1	U	3.4	U	3.5	U	0.53	U	0.18	B		
IRON	7439-89-6	4910		10100		9910	J	20100				12700		12100	
LEAD	7439-92-1	3.4	J	5.4		806	J	14.9	J	51.3		128		68.6	
MAGNESIUM	7439-95-4	827		1200		1900		2770				1950		1980	
MANGANESE	7439-96-5	74.2		67.8		342		264				148		325	
MERCURY	7439-97-6	0.1	U	0.018	J	0.13	J	0.041	J	0.05		0.33		0.29	UJ
NICKEL	7440-02-0	4.1	J	5.3		10.9		11.8		9		15.5		10.7	
POTASSIUM	7440-09-7	528		556	J	978		894				696	B	810	
SELENIUM	7782-49-2	3.6	U	4.3	U	4.7	U	4.8	U	18.2	UJ	0.97	BN	0.76	J
SILVER	7440-22-4	0.21	J	0.099	J	0.15	J	0.73	J	3.4	U	0.2646	U	0.94	
SODIUM	7440-23-5	17	J	46.1	J	103	J	106	J			436	BE	150	J
THALLIUM	7440-28-0	2.6	U	3.1	U	3.4	U	3.5	U	25	U	0.81	B	1.3	U
VANADIUM	7440-62-2	6.4	J	10.4		19.2		31.5	J	21.8		20.9		24.8	
ZINC	7440-66-6	19.1	J	38.3		386	J	122	J	91		245	EN	151	J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
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B - Substance was detected in a blank sample
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Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		135 Academy Ave.		137 Academy Ave.		141 Academy Ave.		141 Academy Ave.	
	Top Depth	0		0		0.5		5		10		0		0		0	
	Sample Location	SS-51		SS79		SS-51		SB87		SB87		SS34		SS101		SS101	
	Sample ID	MAMJ33		S-052004-DK-142		MAMJ34		S-18281-051304-JR-061		S-18281-051304-JR-063		SS-034~51155.1~~103102		80018-DUP100-0006		80018-SS101-0006	
	Risk Zone	A		A		A		A		A		B		A		A	
	Bottom Depth	0.5		0.5		2		10		15		0.25		0.5		0.5	
	Sample Date	4/28/1999		5/20/2004		4/28/1999		5/13/2004		5/13/2004		10/31/2002		10/16/2008		10/16/2008	
	Sample Type	N		N		N		N		N		N		FD		N	
	Field Duplicate Parent													80018-SS101-0006			
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	9610		9680		12100		8510		6730		8400		11700		9280	
ANTIMONY	7440-36-0	R		16.3	UJ	0.67	UJ	R		R		0.9818	U	R		R	
ARSENIC	7440-38-2	5.1		5.7		4.2		1.6	J	2.1	J	25.4		7.4		14.6	
BARIUM	7440-39-3	57.2		75.7		57.3		33.6		21.9		54	B	148		149	
BERYLLIUM	7440-41-7	0.47		2.8	U	0.57		2.5	U	0.61	J	0.37	B	0.54	J	0.47	J
CADMIUM	7440-43-9	0.49	U	4.2	U	0.33	U	3.7	U	3.6	U	1.6	B	2.6		2.8	
CALCIUM	7440-70-2	1440	J			1020	J					1620	B	1970		1990	
CHROMIUM	7440-47-3	14.1		12.5		12.3		10.1		7		13.4		16.9	J	37.2	J
COBALT	7440-48-4	4.5		3.5		5		4.3		4.2		4.39	B	5.7	J	5.6	J
COPPER	7440-50-8	60.3		51.3		32.8		12.7		27.2		184		115	J	254	J
CYANIDE	57-12-5	0.07	UJ	0.155		0.09	UJ	0.53	U	0.53	U	0.56	B	3.6	U	3.6	U
IRON	7439-89-6	12500				14400						37500		25900	J	77600	J
LEAD	7439-92-1	66.9		156		39.9		8		5.7		338		321	J	373	J
MAGNESIUM	7439-95-4	2150				2080						1160	B	1980		1520	
MANGANESE	7439-96-5	325				395						203		445		362	
MERCURY	7439-97-6	0.21	UJ	0.094		0.39	UJ	0.021	J	0.047	U	2.3		0.33		0.27	
NICKEL	7440-02-0	11.2		10		10.5		7.8		16.1		12.99	B	16.3		23.6	
POTASSIUM	7440-09-7	822				945						549	B	1040		732	
SELENIUM	7782-49-2	0.88	J	22.3	U	0.9	J	19.7	UJ	19.2	UJ	3		0.77	J	0.53	J
SILVER	7440-22-4	0.82		4.2	U	1.1		3.7	U	3.6	U	0.34	B	0.99	J	2	J
SODIUM	7440-23-5	130	J			155	J					527	B	55.1	J	71.8	J
THALLIUM	7440-28-0	1.3	U	30.7	UJ	1.3	U	27.1	U	26.4	U	4.1		3.6	U	3.6	U
VANADIUM	7440-62-2	25		23.4		23.8		17.3		17.4		35.1		31.8		27.9	
ZINC	7440-66-6	155	J	190		88.6	J	42.2		42		143		620	J	659	J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
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UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	141 Academy Ave.	142 Monroe Ave.	143 Newbury Ave.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.	143 Newbury St.
	Top Depth	4	0	0	0	0	0	0	0	0
	Sample Location	SB101	SS131	SS07	SB53	SS-29	SS-31	SS-32	SS78	SS78
	Sample ID	80018-SB101-0405	80018-SS131-0006	SS-07~47101~~100402	S-051804-JR-106	MAMH83	MAMH87	MAMH89	S-052004-DK-118	S-052004-DK-119
	Risk Zone	A	C	C	B	B	C	B	B	B
	Bottom Depth	5	0.5	0.25	2	0.5	0.5	0.5	0.5	0.5
	Sample Date	11/11/2008	10/22/2008	10/4/2002	5/18/2004	4/28/1999	4/28/1999	4/28/1999	5/20/2004	5/20/2004
	Sample Type	N	N	N	N	N	N	N	N	FD
	Field Duplicate Parent									S-052004-DK-118
	Unit	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
ALUMINUM	7429-90-5	6940	9970	14100	7880	12800 J	12100 J	12500 J	11100	10100
ANTIMONY	7440-36-0	R	R	1.0038 UJ	14.6 UJ	R	0.52 UJ	0.53 UJ	19.2 UJ	17.7 UJ
ARSENIC	7440-38-2	3.2	3.5	2.6 JEB	2.8 J	5.8 J	2.3 J	3.9 J	4.7	3.4 J
BARIUM	7440-39-3	47.3	56.5	48.8	43.6	67.1 J	70.7 J	65.9 J	43.7	39.6
BERYLLIUM	7440-41-7	0.43 J	0.49 J	0.8	2.5 U	0.47 J	0.6 J	0.52 J	3.3 U	3 U
CADMIUM	7440-43-9	1.1	0.49 J	0.16 J	3.7 U	0.66 J	0.39 J	0.46 J	4.9 U	4.5 U
CALCIUM	7440-70-2	901	1060	576		918 J	1530 J	1170 J		
CHROMIUM	7440-47-3	12.7 J	26.7 J	21 EB	40.8	17.4 J	16.3 J	15 J	14.9	13.4
COBALT	7440-48-4	2.7 J	6.1	8.2	4	5.3 J	6.1 J	5.4 J	4.7	3.8
COPPER	7440-50-8	52.4	86 J	31.6 J	531	58.3 UJ	71.7 UJ	46.4 UJ	36.4	38.3
CYANIDE	57-12-5	3.7 U	3 U	0.19 UJ	0.562 UJ	0.07 UJ	0.4 J	0.47 J	0.658 U	0.642 U
IRON	7439-89-6	9700	15800 J	15600		16000 J	15900 J	15700 J		
LEAD	7439-92-1	105	85.8 J	19.7 J	27.6	134 J	38.9 J	112 J	14.2	12
MAGNESIUM	7439-95-4	1570	3480	3560		2210 J	3190 J	2470 J		
MANGANESE	7439-96-5	88.2	289	246 J		361 J	345 J	350 J		
MERCURY	7439-97-6	0.093 J	0.13	0.06 J	0.084	0.14 UJ	0.14 UJ	0.11 UJ	0.055	0.055
NICKEL	7440-02-0	8.9	14.6	13.9	40	11.3 J	15.8 J	12.4 J	12.4	11
POTASSIUM	7440-09-7	951	2320	963 EB		685 J	1860 J	1110 J		
SELENIUM	7782-49-2	0.45 J	4.2 U	1.7 J	20 UJ	0.77 UJ	0.74 UJ	1.1 J	26.3 U	24.2 U
SILVER	7440-22-4	0.14 J	0.37 J	0.29 J	3.7 U	1 J	1.5 J	1.2 J	4.9 U	4.5 U
SODIUM	7440-23-5	98.5 J	46.6 J	529 JEB		193 UJ	206 UJ	177 UJ		
THALLIUM	7440-28-0	3.7 U	3 U	1.5 U	27.4 U	1.4 UJ	1.4 UJ	1.4 UJ	36.2 UJ	33.3 UJ
VANADIUM	7440-62-2	16.4	27.5	26.1	60.7	28.5 J	34.2 J	28 J	26.9	21.4
ZINC	7440-66-6	168	83.3 J	57.1	221	157 J	111 J	158 J	68.5	73.4

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
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Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Top Depth	0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5	
	Sample Location	SS147		SS148		SS151		SS152		SS153		SS154		SS-29		SS-31	
	Sample ID	80018-SS-SS147-1010		80018-SS-SS148-1010		80018-SS-SS151-1010		80018-SS-SS152-1010		80018-SS-SS153-1010		80018-SS-SS154-1010		MAMJ84		MAMH88	
	Risk Zone	B		B		B		B		B		B		B		C	
	Bottom Depth	1		1		1		1		1		1		2		2	
	Sample Date	10/5/2010		10/5/2010		10/5/2010		10/5/2010		10/5/2010		10/5/2010		4/28/1999		4/28/1999	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	17670		17901		10066		12288		11280		12445		9480	J	11800	J
ANTIMONY	7440-36-0	3.1	J	6	UJ	7.1	UJ	6	UJ	6	UJ	7.8	UJ	R		0.51	UJ
ARSENIC	7440-38-2	6.1		5.3		3		3.6		3.3		3.6		1.2	J	3.1	J
BARIUM	7440-39-3	104	J	79.7	J	57.1	J	63.1	J	83.3	J	47.2	J	43.2	J	59.4	J
BERYLLIUM	7440-41-7	0.076	J	0.062	J	0.59	U	0.59	U	0.59	U	0.032	J	0.37	J	0.58	J
CADMIUM	7440-43-9	0.96		0.24	J	0.65	J	0.46	J	0.39	J	0.49	J	1.1	J	0.4	J
CALCIUM	7440-70-2	877		1744		2201		620		1540		670		859	J	1110	J
CHROMIUM	7440-47-3	21		23.5		15.6		12.6		13		12.1		12.8	J	14.5	J
COBALT	7440-48-4	8.1		9.9		7.7		7.2		7.9		7		4.9	J	6	J
COPPER	7440-50-8	47.1		39.2		133		35.8		69.7		39.5		286	J	75.1	UJ
CYANIDE	57-12-5													0.06	UJ	0.14	J
IRON	7439-89-6	20193		23555		13820		14554		14499		14298		12300	J	15500	J
LEAD	7439-92-1	181		24.3		38.6		65.7		40.2		47.7		37.9	J	34.1	J
MAGNESIUM	7439-95-4	3848		4688		3015		2557		3008		2284		2310	J	2820	J
MANGANESE	7439-96-5	445		359		265		275		341		406		220	J	313	J
MERCURY	7439-97-6	0.094	JEB	0.15	U	0.13		0.065	JEB	0.069	JEB	0.07	JEB	0.12	UJ	0.14	UJ
NICKEL	7440-02-0	13.7	J	20.4	J	19.2	J	11.8	J	15	J	10.1	J	14.5	J	14.6	J
POTASSIUM	7440-09-7	1327		1798		1746		1266		1363		975		1410	J	1370	J
SELENIUM	7782-49-2	1.4	J	0.76	J	0.55	J	0.89	J	0.5	J	0.96	J	0.68	UJ	0.72	UJ
SILVER	7440-22-4	0.077	J	0.076	J	0.048	J	0.049	J	1.2	UJ	0.05	J	0.81	J	1.2	J
SODIUM	7440-23-5	30.4	J	36.2	J	47.1	J	23.7	J	44.5	J	41.6	J	144	UJ	197	UJ
THALLIUM	7440-28-0	3.3	UJ	3.7	UJ	3	UJ	3	UJ	2.9	UJ	3.2	UJ	1.3	UJ	1.4	UJ
VANADIUM	7440-62-2	47.3		41.1		29.2		24.8		26.5		23.3		24.2	J	33.5	J
ZINC	7440-66-6	236	J	84.6		193	J	133	J	105	J	95.8	J	794	J	114	J

Notes:
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Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		148 Academy Ave.		148 Academy Ave.		148 Academy Ave.	
	Top Depth	0.5		3.5		6		6.5		6.5		13		0		0		0	
	Sample Location	SS-32		SB53		MW1		SB53		SB53		SB53		SS-41		SS-41		SS-42	
	Sample ID	MAMH90		S-051804-JR-120		S-071604-DK-207		S-051804-JR-121		S-051804-JR-122		S-051804-JR-123		MAMJ10		MAMJ11		MAMJ13	
	Risk Zone	B		B		B		B		B		B		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	2		6		10		10		10		15		0.5		0.5		0.5	
	Sample Date	4/28/1999		5/18/2004		7/16/2004		5/18/2004		5/18/2004		5/18/2004		4/28/1999		4/28/1999		4/28/1999	
	Sample Type	N		N		N		N		FD		N		N		FD		N	
	Field Duplicate Parent									S-051804-JR-121						MAMJ10			
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	15500	J	7160		3860		8390		7680		4600		14500		14400		14500	
ANTIMONY	7440-36-0	0.51	UJ	17.8	UJ	R		15.8	UJ	14.6	UJ	15.7	UJ	0.52	UJ	0.53	UJ	0.6	UJ
ARSENIC	7440-38-2	3.8	J	2.2	J	9.4	U	2.7	J	1.6	J	10.7	U	4.8		3.9		5.4	
BARIUM	7440-39-3	49.3	J	49.9		25.9		43.8		41.7		33.1		89.6		86.8		110	
BERYLLIUM	7440-41-7	0.65	J	3	U	2.3	U	2.7	U	2.5	U	2.7	U	0.62		0.6		0.65	
CADMIUM	7440-43-9	0.5	J	4.6	U	3.5	U	4	U	3.7	U	4	U	0.91		0.87		0.93	
CALCIUM	7440-70-2	1800	J											1130	J	1070	J	1180	J
CHROMIUM	7440-47-3	14.5	J	21.4		4.9	J	14.8		13.3		5.4		17		17.2		18.6	
COBALT	7440-48-4	5.7	J	3.9		2.8		6		5.3		2.8		5.3		5.1		5.7	
COPPER	7440-50-8	24.2	UJ	162		9.3		15.2		13.6		10.4		66.1	J	62.1	J	68.1	J
CYANIDE	57-12-5	0.12	J	0.154	J	0.535	U	0.545	UJ	0.537	UJ	0.546	UJ	0.32	J	0.4	J	0.33	J
IRON	7439-89-6	18600	J											17600		16800		17700	
LEAD	7439-92-1	28.4	J	40.1		3.4		5.4		4		2.8		120	J	114	J	144	J
MAGNESIUM	7439-95-4	2500	J											2350	J	2330	J	2400	J
MANGANESE	7439-96-5	355	J											379	J	358	J	443	J
MERCURY	7439-97-6	0.11	UJ	0.057	J	0.058	U	0.049	U	0.054	U	0.038	U	0.27	U	0.23	U	0.25	U
NICKEL	7440-02-0	12.3	J	52.8		4.5		10.8		10.3		5		12.4		12.6		13	
POTASSIUM	7440-09-7	1190	J											864		829		807	
SELENIUM	7782-49-2	1.1	J	24.4	UJ	18.7	UJ	21.6	UJ	19.9	UJ	21.4	UJ	0.74	UJ	0.86	UJ	1	UJ
SILVER	7440-22-4	1.3	J	4.6	U	3.5	U	4	U	3.7	U	4	U	1.2		1.1		1.1	
SODIUM	7440-23-5	184	UJ											188	J	170	J	183	J
THALLIUM	7440-28-0	1.4	UJ	33.5	U	25.7	U	29.7	U	27.4	U	29.5	U	1.4	U	1.4	U	1.4	U
VANADIUM	7440-62-2	30.7	J	257		9.3		24.2		20.7		13.7		31.2		30.7		31.8	
ZINC	7440-66-6	118	J	228		14.6		26.8		26.1		16.5	J	207	J	208	J	248	J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	148 Academy Ave.		148 Academy Ave.		149 Academy Ave.		149 Academy Ave.		15 Donald Terr.		15 Donald Terr.		150 Monroe Ave.		158 Monroe Ave.	
	Top Depth	0.5		0.5		0		0.5		0		0.5		0		0	
	Sample Location	SS-41		SS-42		SS-52		SS-52		SS-46		SS-46		SS132		SS133	
	Sample ID	MAMJ12		MAMJ14		MAMJ35		MAMJ36		MAMJ21		MAMJ22		80018-SS132-0006		80018-SS133-0006	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		A		A		Scovill-Offiste		Scovill-Offiste		C		C	
	Bottom Depth	2		2		0.5		2		0.5		2		0.5		0.5	
	Sample Date	4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		4/28/1999		10/22/2008		10/22/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	16600		15600		12600		12200		12100		7810		9260		7730	
ANTIMONY	7440-36-0	0.52	UJ	0.51	UJ	0.69	UJ	R		0.64	UJ	0.46	UJ	R		R	
ARSENIC	7440-38-2	3.5		3.9		4.1		4.1		9		3.5		1.7		1.6	
BARIUM	7440-39-3	44.4		99.7		101		100		59.9		35		76		39.8	
BERYLLIUM	7440-41-7	0.63		0.62		0.57		0.52		0.52		0.35		0.46	J	0.42	J
CADMIUM	7440-43-9	0.1	U	0.55		0.6		0.74		0.47	U	0.21	U	1.1		0.53	J
CALCIUM	7440-70-2	537	J	950	J	1920	J	1160	J	1000	J	719	J	2380		1540	
CHROMIUM	7440-47-3	15.1		17.1		17.3		15.2		12.7		8.9		11.9	J	9.3	J
COBALT	7440-48-4	5.8		5.9		7.7		6.2		4.9		4.9		5.4	J	3.3	J
COPPER	7440-50-8	17.5	J	39.1	J	63.2		58.6		78.7	J	34.5	J	41.8	J	62.7	J
CYANIDE	57-12-5	0.07	UJ	0.07	UJ	0.07	U	0.07	U	0.34	J	0.06	UJ	3.4	U	3.5	U
IRON	7439-89-6	17600		17800		17000		15700		14500		10200		14100	J	9940	J
LEAD	7439-92-1	19.8	J	74.1	J	123		141		201	J	98.9	J	28.9	J	97.3	J
MAGNESIUM	7439-95-4	2680	J	2830	J	3200		2780		2170	J	2140	J	2770		2290	
MANGANESE	7439-96-5	250	J	361	J	480		335		338	J	178	J	378		110	
MERCURY	7439-97-6	0.3	U	0.33	U	0.5	UJ	0.45	UJ	0.25	U	0.14	U	0.049	J	0.081	J
NICKEL	7440-02-0	10.2		12.6		15.4		12.9		11.4		10		13.7		8.5	
POTASSIUM	7440-09-7	978		1190		1330		1410		816		1150		1930		1140	
SELENIUM	7782-49-2	0.75	UJ	1	UJ	0.74	U	0.73	U	0.78	UJ	0.66	UJ	4.7	U	4.9	U
SILVER	7440-22-4	0.99		1		1.1		1.2		0.95		0.56	U	0.32	J	0.16	J
SODIUM	7440-23-5	216	J	201	J	201	J	150	J	174	J	156	J	55.5	J	84.8	J
THALLIUM	7440-28-0	1.4	U	1.4	U	1.4	U	1.4	U	1.5	U	1.2	U	3.4	U	3.5	U
VANADIUM	7440-62-2	29.9		31.3		32.3		27.3		29.1		17.4		21.3		21.8	
ZINC	7440-66-6	73.7	J	159	J	217	J	210	J	156	J	103	J	154	J	60.3	J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
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J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	161 Academy Ave.	161 Academy Ave.	161 Academy Ave.	161 Academy Ave.	161 Academy Ave.	161 Academy Ave.	161 Academy Ave.	166 Monroe Ave.
	Top Depth	0	0	0	0	5	10	10	0
	Sample Location	SB29	SB88	SS33	SS80	SB88	SB88	SB88	SS134
	Sample ID	SB29-00-04~P4842-19~~102302	S-051704-JR-072	SS-033~51169.1~~110102	SS-051704-DK-052	S-051704-JR-074	S-051704-JR-076	S-051704-JR-078	80018-SS134-0006
	Risk Zone	A	A	A	A	A	A	A	C
	Bottom Depth	4	2	0.25	0.5	10	15	15	0.5
	Sample Date	10/23/2002	5/17/2004	11/1/2002	5/17/2004	5/17/2004	5/17/2004	5/17/2004	10/22/2008
	Sample Type	N	N	N	N	N	N	FD	N
	Field Duplicate Parent							S-051704-JR-076	
	Unit	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
ALUMINUM	7429-90-5	8690	6920	9720	16000	4260	9280	7910	7710
ANTIMONY	7440-36-0	0.9589 U	R	2.7 B	R	14.2 UJ	15.6 UJ	14.3 UJ	R
ARSENIC	7440-38-2	4.2 *	3.9	3.5 B	5.5	9.7 U	10.7 U	9.8 U	3.5
BARIUM	7440-39-3	356	99.4	269	72	24	71	61.9	45.8
BERYLLIUM	7440-41-7	0.53 B	2.4 U	0.5142 U	2.6 U	2.4 U	2.7 U	2.4 U	0.3 J
CADMIUM	7440-43-9	1.6	3.6 U	4.3	3.9 U	3.6 U	4 U	3.7 U	0.41 J
CALCIUM	7440-70-2	1240 B		7950					1430
CHROMIUM	7440-47-3	12	7.8 J	17.3	20.4 J	4.6	10.5	6.6	76.6 J
COBALT	7440-48-4	5.1 B	4.4	8.3 B	8.3	3.1	4.7	4	4.8 J
COPPER	7440-50-8	116 *E	33.8	160	39.4	9.8	13.4	12	74.2 J
CYANIDE	57-12-5	0.08 U	0.57 U	0.54 B	0.34	0.52 UJ	0.53 UJ	0.54 UJ	3.2 U
IRON	7439-89-6	11700 *		14400					12300 J
LEAD	7439-92-1	139	46.1	225	56.5	3.1	3.9	3.1	420 J
MAGNESIUM	7439-95-4	1940		3070					2340
MANGANESE	7439-96-5	111		798					219
MERCURY	7439-97-6	1.5	0.033	2.1	0.081	0.045 U	0.044 U	0.048 U	2.5
NICKEL	7440-02-0	14.4	8.7	26.8	13	5.5	6.9	5.9	10.6
POTASSIUM	7440-09-7	795 BE		1340 B					1540
SELENIUM	7782-49-2	1 B	19.4 UJ	1.7 BN	20.7 UJ	19.4 UJ	21.4 UJ	19.5 UJ	4.5 U
SILVER	7440-22-4	0.4 BN	3.6 U	0.5142 U	3.9 U	3.6 U	4 U	3.7 U	0.31 J
SODIUM	7440-23-5	129.589 U		789 BE					35.7 J
THALLIUM	7440-28-0	0.8493 U	26.7 U	1.5426 U	28.5 U	26.6 U	29.4 U	26.9 U	3.2 U
VANADIUM	7440-62-2	19.4	22.6 J	32.3	48.8 J	9.1	21.4	15.4	30.4
ZINC	7440-66-6	932	126 EB	2160 EN	115 EB	20.1	31	28.2	106 J

Notes:
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B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	167 Academy Ave.		167 Academy Ave.		167 Academy Ave.		169 Meriden Rd.		169 Meriden Rd.		172 Newbury St.		172 Newbury St.		172 Newbury St.		174 Monroe Ave.	
	Top Depth	0		0		0.5		0		5		0		0		0.5		0	
	Sample Location	SS-49		SS-49		SS-49		SB55		SB55		SS-47		SS-47		SS-47		SS135	
	Sample ID	MAMJ28		MAMJ30		MAMJ29		S-051904-JR-137		S-051904-JR-138		MAMH28		MAMJ23		MAMJ24		80018-SS135-0006	
	Risk Zone	A		A		A		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C	
	Bottom Depth	0.5		0.5		2		2		7		0.5		0.5		2		0.5	
	Sample Date	4/28/1999		4/28/1999		4/28/1999		5/19/2004		5/19/2004		4/28/1999		4/28/1999		4/28/1999		10/22/2008	
	Sample Type	N		FD		N		N		N		FD		N		N		N	
	Field Duplicate Parent			MAMJ28								MAMJ23							
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	12200		12200		12900		13000		10800		12500		10900		12700		8840	
ANTIMONY	7440-36-0	R		0.71	UJ	0.63	UJ	15.1	UJ	17.7	UJ	1.2	UJ	0.83	UJ	0.74	UJ	R	
ARSENIC	7440-38-2	5.3		5		5.5		1.9	J	12.1	U	3.4		3.7		3.6		4.6	
BARIUM	7440-39-3	40.5		43.9		50.8		40.3		33.2		32.6		32.3		30.4		46.7	
BERYLLIUM	7440-41-7	0.45		0.46		0.51		2.6	U	3	U	0.5		0.45		0.52		0.37	J
CADMIUM	7440-43-9	0.21	U	0.28	U	0.37	U	3.9	U	4.6	U	0.1	UJ	0.11	UJ	0.19	UJ	0.51	J
CALCIUM	7440-70-2	613	J	771	J	868	J					326	J	507	J	279	UJ	1790	
CHROMIUM	7440-47-3	13.3		13.1		14.4		11.7	J	11.2	J	15.1		11.6		13.4		20.5	J
COBALT	7440-48-4	3.9		4.1		4.8		8.4		3.5		4.6		4.3		5		4.8	J
COPPER	7440-50-8	83.1		74.5		67.1		54.3	J	11.7	J	43.6	J	45	J	26.2	J	94.6	J
CYANIDE	57-12-5	0.35	U	0.46	U	0.45	U	0.527	U	0.595	U			0.09	J	0.09	J	3	U
IRON	7439-89-6	16900		15500		16600						16000		14000		16900		13500	J
LEAD	7439-92-1	169		176		228		25.1	J	7.8	J	36.5	J	42.6	J	22.9	J	102	J
MAGNESIUM	7439-95-4	2240		2170		2510						2530	J	2010	J	1930	J	2530	
MANGANESE	7439-96-5	200		200		185						194	J	223	J	223	J	265	
MERCURY	7439-97-6	0.21	UJ	0.3	UJ	0.3	UJ	0.059		0.06	U	0.47	U	1.5	U	0.31	U	0.14	
NICKEL	7440-02-0	11.1		10.5		11.4		10.8		6.7		10		9		9.3		12.8	
POTASSIUM	7440-09-7	1130		973		1190						1360		1090		903		1470	
SELENIUM	7782-49-2	0.81	J	0.74	U	0.95	J	20.7	U	24.3	U	0.93	UJ	0.95	UJ	0.77	UJ	0.4	J
SILVER	7440-22-4	1.2		1.2		1.3		3.9	U	4.6	U	1		0.91		1		0.48	J
SODIUM	7440-23-5	197	J	178	J	184	J					188	J	180	J	168	J	44	J
THALLIUM	7440-28-0	1.4	U	1.4	U	1.4	U	28.4	UJ	33.4	UJ	1.4	U	1.4	U	1.4	U	3	U
VANADIUM	7440-62-2	30.5		31.5		32.8		34.3		23.2		27.7		24.8		26.4		29.6	
ZINC	7440-66-6	98.5	J	99.8	J	95.1	J	39.6		28.7		62.5	J	68	J	61.2	J	156	J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
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B - Substance was detected in a blank sample
E - Serial dilution criteria not met
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Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	174 Monroe Ave.		175 Academy Ave.		195 Beecher Ave.		195 Beecher Ave.		195 Beecher Ave.		196 Monroe Ave.		196 Monroe Ave.		197 Academy Ave.		197 Academy Ave.	
	Top Depth	2		0		0		0		10		0		5		0		4	
	Sample Location	SB134		SS105		SB85		SS76		SB85		SS136		SB135		SS106		SB105	
	Sample ID	80018-SB134-0203		80018-SS105-0006		S-051404-JR-018		SS-051404-DK-034		S-051404-JR-028		80018-SS136-0006		80018-SB135-0507		80018-SS106-0006		80018-SB105-0405	
	Risk Zone	C		A		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		C		C		B		B	
	Bottom Depth	3		0.5		4		0.5		15		0.5		7		0.5		5	
	Sample Date	11/12/2008		10/16/2008		5/14/2004		5/14/2004		5/14/2004		10/15/2008		11/4/2008		10/16/2008		11/12/2008	
	Sample Type	N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																		
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	8210		9190		8500		9880		5620		4690		15500		10300		5860	
ANTIMONY	7440-36-0	R		R		15.5	U	R		16.6	U	R		R		R		R	
ARSENIC	7440-38-2	4.6		3.5		2.2	J	5.6		11.4	U	10.2		3.5		3.3		1.3	
BARIUM	7440-39-3	65.5		40.3		48.6		49.4		34		28.8		97.5		110		12.7	J
BERYLLIUM	7440-41-7	0.36	J	0.34	J	2.6	U	2.7	U	2.8	U	0.27	J	0.55	J	0.4	J	0.26	J
CADMIUM	7440-43-9	0.95		1		4	U	4.1	U	4.3	U	0.38	J	0.43	J	3.1		0.11	J
CALCIUM	7440-70-2	1990		1340								1240		1230		2520		160	J
CHROMIUM	7440-47-3	22.5	J	12.3	J	13		23.4	J	8.6		8.9	J	28.2	J	12.8	J	11.6	J
COBALT	7440-48-4	4.6	J	2.4	J	5.4		3.6		4		2.4	J	6.5		2.5	J	1.5	J
COPPER	7440-50-8	118		133		64.6		83.2		20.4		27.8		33.6		112		5.9	
CYANIDE	57-12-5	3.1	U	4.7	U	0.539	U	0.12		0.597	U	3	U	3.1	U	4.3	U	3	U
IRON	7439-89-6	11800		12800								8830		28800		15900		6920	
LEAD	7439-92-1	108		147	J	62		260		3.4		33.8	J	4.9		262	J	3.1	J
MAGNESIUM	7439-95-4	2170		978								1340		7150		936		942	
MANGANESE	7439-96-5	261		107	J							186	J	481		378	J	51.7	
MERCURY	7439-97-6	0.24		0.29	J	0.061		0.15		0.052	U	0.061	J	0.12	U	1.2	J	0.12	U
NICKEL	7440-02-0	12.4		10.8		10.1		10.2		8.2		5.5		9.7		11		4.1	J
POTASSIUM	7440-09-7	1260		472	J							807		7470		426	J	543	J
SELENIUM	7782-49-2	4.3	U	1.3	J	21.1	UJ	21.8	UJ	22.8	UJ	4.3	UJ	0.39	J	1.5	J	4.3	U
SILVER	7440-22-4	0.3	J	0.34	J	4	U	4.1	U	4.3	U	0.22	J	0.74	J	0.62	J	1.2	U
SODIUM	7440-23-5	40.3	J	226	J							38.8	J	142	J	47.6	J	56.2	J
THALLIUM	7440-28-0	3.1	U	4.7	U	29.1	U	30	U	31.3	U	3	U	3.1	U	4.3	U	3	U
VANADIUM	7440-62-2	29.6		34.3		24.4		27.6	J	15		16.3		58		33.4		9.9	
ZINC	7440-66-6	224		114	J	79		114		21.2		62.5	J	65.5		451	J	15	

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	204 Monroe Ave.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Meriden Rd.		211 Monroe Ave.		211 Monroe Ave.	
	Top Depth	0		0		0		0		18		0.5		6		0		0.5	
	Sample Location	SS137		SS110		SS41		SS41		SB114		SB42		SB42		SS-50		SS-50	
	Sample ID	80018-SS137-0006		80018-SS110-0006		S-051904-DK-115		S-051904-DK-116		80018-SB114-1820		S-051804-DK-113		S-051804-DK-114		MAMJ31		MAMH46	
	Risk Zone	C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		0.5		0.5		0.5		20		4		8		0.5		2	
	Sample Date	10/15/2008		10/16/2008		5/19/2004		5/19/2004		10/31/2008		5/18/2004		5/18/2004		4/28/1999		4/28/1999	
	Sample Type	N		N		N		FD		N		N		N		N		FD	
	Field Duplicate Parent							S-051904-DK-115										MAMJ32	
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	15900		8140		8430		8470		4190		9990		10800		11900		12500	
ANTIMONY	7440-36-0		R		R	16.3	UJ	16	UJ	7	U	14	UJ	17.2	UJ	0.52	UJ	0.49	UJ
ARSENIC	7440-38-2	2.4		3		2.3	J	2.5	J	1.2		3.7		11.8	U	3.5		2.7	
BARIUM	7440-39-3	30.7		104		64.2		82.8		34.5		75.3		46.1		39.4		42.7	
BERYLLIUM	7440-41-7	0.67		0.34	J	2.8	U	2.7	U	0.16	J	2.4	U	2.9	U	0.42		0.4	
CADMIUM	7440-43-9	0.26	J	1.4		4.2	U	4.1	U	0.079	J	3.6	U	4.4	U	0.69		0.14	UJ
CALCIUM	7440-70-2	223	J	2770						666						1400	J	961	J
CHROMIUM	7440-47-3	17.2	J	23.7	J	23.3	J	47.7	J	7.1		26.9		11.3		12.2		14.6	
COBALT	7440-48-4	3.9	J	5.3	J	5.9		6.4		2.2	J	6.7		3.9		3.8		5.1	
COPPER	7440-50-8	31.6		82.3		44.3	J	50.1	J	7.9		71		25.6		68.1	J	39.6	J
CYANIDE	57-12-5	3.3	U	3	U	0.0836		0.169		2.9	U	0.211	J	0.634	UJ	0.21	J		
IRON	7439-89-6	18300		16800						6500						12700		14600	
LEAD	7439-92-1	19.6	J	572	J	136	J	267	J	2.3		170		34		104	J	57.1	J
MAGNESIUM	7439-95-4	1910		3120						1620						1890	J	2770	J
MANGANESE	7439-96-5	168	J	213	J					135						211	J	175	J
MERCURY	7439-97-6	0.06	J	0.11	J	0.051		0.048		0.12	U	0.19		0.16		0.13	U	0.14	U
NICKEL	7440-02-0	9.7		18		16.5		18.4		3.9	J	36.7		8.3		11.2		11.6	
POTASSIUM	7440-09-7	701		2270						1680						741		1430	
SELENIUM	7782-49-2	0.45	J	4.1	UJ	22.3	U	21.9	U	4.1	U	19.1	UJ	23.5	UJ	1.1	UJ	0.7	UJ
SILVER	7440-22-4	0.38	J	0.46	J	4.2	U	4.1	U	0.11	J	3.6	U	4.4	U	0.99		1	
SODIUM	7440-23-5	21.5	J	93.2	J					62.2	J					174	J	201	J
THALLIUM	7440-28-0	3.3	U	3	U	30.7	UJ	30.2	UJ	2.9	U	26.3	U	32.3	U	1.3	U	1.3	U
VANADIUM	7440-62-2	27		25.2		23.5		30.4		9.9		26.4		22.8		28.1		27.5	
ZINC	7440-66-6	54.1	J	251	J	160		194		16.5		141		99.2		182	J	111	J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	211 Monroe Ave.		212 Monroe Ave.		212 Monroe Ave.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.		219 Meriden Rd.	
	Top Depth	0.5		0		5		0		0		0		5		5	
	Sample Location	SS-50		SS138		SB136		SB41		SS111		SS112		SB113		SB41	
	Sample ID	MAMJ32		80018-SS138-0006		80018-SB136-0507		S-18281-051304-JR-037		80018-SS-111-0006		80018-SS112-0006		80018-SB113-0507		S-18281-051304-JR-039	
	Risk Zone	Scovill-Offiste		C		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	2		0.5		7		2		0.5		0.5		7		8	
	Sample Date	4/28/1999		10/15/2008		11/3/2008		5/13/2004		10/20/2008		10/20/2008		10/28/2008		5/13/2004	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	16700		13000		5620		8520		11200		9880		6150		24700	
ANTIMONY	7440-36-0	0.53	UJ	R		R		R		R		R		R		R	
ARSENIC	7440-38-2	3.6		5		2.3		5.8		4.1		3.5		1.4		4.3	J
BARIUM	7440-39-3	43.9		48.7		30		122		56.6		74.2		31		58.8	
BERYLLIUM	7440-41-7	0.49		0.52	J	0.27	J	2.8	U	0.43	J	0.31	J	0.24	J	3.4	
CADMIUM	7440-43-9	0.46	U	0.14	J	0.15	J	33.5		1.6		2.4		0.094	J	5.7	
CALCIUM	7440-70-2	1270	J	517	J	846				743		5400		710			
CHROMIUM	7440-47-3	15.1		15.6	J	8.3	J	19.4		24.7	J	27.6	J	5.3		46.3	
COBALT	7440-48-4	4.2		6.1	J	4.3	J	7.1		3.3	J	8.4		3.1	J	7.1	
COPPER	7440-50-8	48.4	J	82.1		14.2		1140		145	J	128	J	14.5		46.6	
CYANIDE	57-12-5	0.22	J	3	U	2.8	U	0.11		2.9	U	3.4	U	2.7	U	1.05	U
IRON	7439-89-6	19100		16800		12000				12600	J	20300	J	7270			
LEAD	7439-92-1	53.6	J	34.9	J	3.5		267		205	J	246	J	4.3	J	24	
MAGNESIUM	7439-95-4	2050	J	2680		2630				1640		3970		1750			
MANGANESE	7439-96-5	247	J	577	J	225				186		311		136			
MERCURY	7439-97-6	0.26	U	0.095	J	0.014	J	0.096		0.14		0.075	J	0.11	U	0.11	
NICKEL	7440-02-0	11.6		11.2		8.4		41.4		13.1		20.3		5.1		53.9	
POTASSIUM	7440-09-7	735		1350		1800				735		805		1580			
SELENIUM	7782-49-2	1.3	UJ	4.2	UJ	4	U	22.6	UJ	0.37	J	4.7	U	3.8	U	3.7	J
SILVER	7440-22-4	1.3		0.55	J	0.31	J	0.53	J	0.53	J	0.66	J	0.25	J	6.8	U
SODIUM	7440-23-5	172	J	32.8	J	54.4	J			75.4	J	123	J	66	J		
THALLIUM	7440-28-0	1.4	U	3	U	2.8	U	31	U	2.9	U	3.4	U	2.7	UJ	50.1	U
VANADIUM	7440-62-2	36.3		35.5		17.5		34.8		29.3		35.3		12.8		19.2	
ZINC	7440-66-6	137	J	62.9	J	25.4		1760		316	J	529	J	24		672	

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
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UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	219 Meriden Rd.		224 Monroe Ave.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.		225 Meriden Rd.		231 Meriden Rd.		231 Meriden Rd.	
	Top Depth	11		0		0		0.5		5		10		5		5	
	Sample Location	SB41		SS139		SS-54		SS-54		SB115		SB116		SB117		SB118	
	Sample ID	S-18281-051304-JR-051		80018-SS139-0006		MAMJ39		MAMJ40		80018-SB115-0507		80018-SB116-1012		80018-SB117-0507		80018-DUP108-0507	
	Risk Zone	Scovill-Offiste		C		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	15		0.5		0.5		2		7		12		7		7	
	Sample Date	5/13/2004		10/8/2008		4/28/1999		4/28/1999		10/28/2008		10/28/2008		10/24/2008		10/30/2008	
	Sample Type	N		N		N		N		N		N		N		FD	
	Field Duplicate Parent															80018-SB118-0507	
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	5280		12200		8820		8490		10700		1720		15100		3210	
ANTIMONY	7440-36-0	R		R		0.6	UJ	3	UJ	R		R		R		0.93	J
ARSENIC	7440-38-2	9.7	U	3.8		4.4		12.4		2.5		35.5		5.1		11.1	
BARIUM	7440-39-3	41.3		50.7		66.8		96.4		22.7	J	84.4		40.9		305	
BERYLLIUM	7440-41-7	2.4	U	0.55	J	0.41		0.42	J	0.45	J	0.36	J	0.46	J	0.42	J
CADMIUM	7440-43-9	3.6	U	0.38	J	1.7		1.6	J	0.16	J	10.7	J	0.62	J	1.3	
CALCIUM	7440-70-2			1070		2210	J	1250	J	632		1210		1300		6590	
CHROMIUM	7440-47-3	5.8		15.8	J	24.6		17.2		7.3		70.4		12.3		407	
COBALT	7440-48-4	3.8		5.7	J	4		5.2	J	4.9	J	2.5	J	3.7	J	3.3	J
COPPER	7440-50-8	11.4		47.2		172	J	301	J	9.4		775		39		397	
CYANIDE	57-12-5	0.55	U	3	U	0.24	J	0.15	UJ	2.9	U	2.8	U	3.1	UJ	3.8	
IRON	7439-89-6			17100		12100		28200		11300		9950		20600		10500	
LEAD	7439-92-1	2.5		29.4	J	174	J	734	J	4.7	J	183	J	69	J	268	
MAGNESIUM	7439-95-4			2660		2250	J	1740	J	1710		113	J	1540		1140	
MANGANESE	7439-96-5			317	J	248	J	277	J	194		38.8		200		92	
MERCURY	7439-97-6	0.047	U	0.062	J	0.28	U	0.33	U	0.043	J	0.13		0.08	J	0.18	
NICKEL	7440-02-0	6.1		12.9		19.2		19.9	J	5.2		28.9		7.5		21.1	
POTASSIUM	7440-09-7			1430		714		981		733		175	J	613	J	687	
SELENIUM	7782-49-2	19.3	UJ	4.3	UJ	1	UJ	1	UJ	4.1	U	3.3	J	4.3	U	0.74	J
SILVER	7440-22-4	3.6	U	0.52	J	0.93		4.5	J	0.26	J	0.45	J	0.52	J	0.9	J
SODIUM	7440-23-5			31	J	151	J	176	J	101	J	127	J	247	J	136	J
THALLIUM	7440-28-0	26.5	U	3	U	1.3	U	1.3	U	2.9	UJ	2.8	UJ	3.1	UJ	3.1	U
VANADIUM	7440-62-2	17.3		23.8		25.1		20.6		16.2		8.6		23.8		21.5	
ZINC	7440-66-6	23.1		97.8	J	337	J	357	J	26.7		2480		103		654	

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	231 Meriden Rd.	232 Monroe Ave.	232 Monroe Ave.	25 Atwood Ave.	29 Radcliffe Ave.	29 Radcliffe Ave.	299 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.
	Top Depth	5	0	10	0	0	0.5	5	0	0
	Sample Location	SB118	SS140	SB137	SS43	SS-48	SS-48	SB124	SS116	SS117
	Sample ID	80018-SB118-0507	80018-SS140-0006	80018-SB137-1012	SS-051204-DK-008	MAMJ26	MAMJ27	80018-SB124-0507	80018-SS116-0002	80018-SS117-0002
	Risk Zone	Scovill-Offiste	C	C	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste
	Bottom Depth	7	0.5	12	0.5	0.5	2	7	2	0.5
	Sample Date	10/30/2008	10/15/2008	11/3/2008	5/12/2004	4/28/1999	4/28/1999	10/23/2008	10/23/2008	10/24/2008
	Sample Type	N	N	N	N	N	N	N	N	N
	Field Duplicate Parent									
	Unit	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
ALUMINUM	7429-90-5	1540	14800	4830	10900	16900	18600	8290	11900	11000
ANTIMONY	7440-36-0	3.1 J	R	R	R	R	0.84 UJ	6.2 UJ	6.4 UJ	6.7 UJ
ARSENIC	7440-38-2	12.7	3.8	1.7	2.4 J	12.1	8.3	1.8	3.8	3.4
BARIUM	7440-39-3	156	46.2	30.2	54	169	102	28.9 J	63.8 J	63.9 J
BERYLLIUM	7440-41-7	0.41 J	0.56 J	0.27 J	2.7 U	0.99	0.66	0.31 J	0.44 J	0.42 J
CADMIUM	7440-43-9	0.71	0.36 J	0.11 J	4 U	1.3	0.72	0.12 J	0.58	0.7
CALCIUM	7440-70-2	2980	399 J	859		1810 J	889 J	466 J	694	743
CHROMIUM	7440-47-3	601	16.3 J	7.4 J	16.3	19.1	18.5	8 J	14.6 J	12.5 J
COBALT	7440-48-4	2.7 J	4.2 J	2.8 J	4.8	6.4	6	3.9 J	5 J	4.5 J
COPPER	7440-50-8	332	65.1	28	24.9	79.2	38.4	16.1 J	47.1 J	40.5 J
CYANIDE	57-12-5	3.2 U	3.1 U	2.8 U	0.54 U	0.67 U	0.21 U	2.6 U	2.7 U	2.8 U
IRON	7439-89-6	11000	16300	8150		20600	19700	10200	19600	13700
LEAD	7439-92-1	85.3	84.9 J	5.1	28.5	516	180	11.6 J	107 J	144 J
MAGNESIUM	7439-95-4	437 J	2030	1590		2140	2100	1950	2590	1800
MANGANESE	7439-96-5	31.4	277 J	273		336	397	162	208	212
MERCURY	7439-97-6	0.24	0.076 J	0.11 U	0.11	15.2 J	0.52 UJ	0.021 J	0.13	0.06 J
NICKEL	7440-02-0	16.2	10.9	6.7	11.5	16.5	13.5	7	13.5	9.9
POTASSIUM	7440-09-7	562 J	810	962		937	775	1180	1480	735
SELENIUM	7782-49-2	1.7 J	0.46 J	3.9 U	21.3 UJ	0.99 J	1.2 J	3.6 U	3.7 U	3.9 U
SILVER	7440-22-4	0.57 J	0.46 J	0.17 J	4 U	1.6	1.3	0.32 J	1.4 J	0.9 J
SODIUM	7440-23-5	62.9 J	24.5 J	54.8 J		194 J	161 J	39 J	55.5 J	36 J
THALLIUM	7440-28-0	3.2 U	3.1 U	2.8 U	29.3 U	1.5 U	1.5 U	2.6 U	2.7 U	2.8 U
VANADIUM	7440-62-2	18.7	27.8	11	22.6	41.1	36.9	15.5 J	22.5 J	20.3 J
ZINC	7440-66-6	247	97.2 J	19.4	80.3	276 J	165 J	32.2 J	224 J	197 J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	305 Meriden Rd.	313 Meriden Rd.	40 Monroe Ave.	40 Monroe Ave.
	Top Depth	0	0.5	5	5	10	14	0	0	0.5
	Sample Location	SS37	SB37	SB125	SB37	SB37	SB126	SS39	SS119	SB43
	Sample ID	S-052004-DK-144	S-051204-JR-011	80018-SB125-0507	S-051204-JR-013	S-051204-JR-015	80018-SB126-1416	SS-051204-DK-006	80018-SS119-0006	S-051804-DK-109
	Risk Zone	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	D2	D2
	Bottom Depth	0.5	4	7	10	15	16	0.5	0.5	2
	Sample Date	5/20/2004	5/12/2004	10/23/2008	5/12/2004	5/12/2004	10/24/2008	5/12/2004	10/16/2008	5/18/2004
	Sample Type	N	N	N	N	N	N	N	N	N
	Field Duplicate Parent									
	Unit	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
ALUMINUM	7429-90-5	10600	10600	9340	7280	5990	4210	13100	12000	9810
ANTIMONY	7440-36-0	16.3 UJ	R	6.1 UJ	R	R	R	R	3.9 J	13.8 UJ
ARSENIC	7440-38-2	7.7	2.2 J	2	2 J	1.5 J	1.9	3.2 J	6.2	3.5
BARIUM	7440-39-3	78.6	54.7	60.8 J	46.2	38.8	22	96.6	102	177
BERYLLIUM	7440-41-7	2.8 U	2.5 U	0.44 J	2.3 U	2.1 U	0.25 J	3.1 U	0.46 J	2.4 U
CADMIUM	7440-43-9	4.2 U	3.8 U	0.14 J	3.4 U	3.1 U	0.1 J	4.6 U	1.2	3.5 U
CALCIUM	7440-70-2			505 J			339 J		1540	
CHROMIUM	7440-47-3	23	13.4	12.6 J	10.6	20.2	5.7	14.7	19.5 J	11
COBALT	7440-48-4	4.9	6.4	6.6 J	6.6	5	3.3 J	12.1	5.4 J	4.5
COPPER	7440-50-8	138	16.5	32.6 J	23.7	24.8	16.3	56	108	40
CYANIDE	57-12-5	0.244 J	0.505 U	2.6 U	0.495 U	0.511 U	2.5 UJ	0.077	2.9 U	0.544 UJ
IRON	7439-89-6			14400			8490		14300	
LEAD	7439-92-1	450	7	23.9 J	8.3	10.9	3.3 J	206	19700 J	143
MAGNESIUM	7439-95-4			3080			1410		2870	
MANGANESE	7439-96-5			234			171		260 J	
MERCURY	7439-97-6	0.15	0.05 U	0.02 J	0.018	0.039 U	0.1 U	0.088	0.12 J	0.042 J
NICKEL	7440-02-0	16.2	12.1	11.5	10.4	9.7	5.6	16.2	16.9	10.4
POTASSIUM	7440-09-7			2410			1020		2210	
SELENIUM	7782-49-2	22.4 U	20 UJ	3.6 U	18.2 UJ	16.5 UJ	3.5 U	24.4 UJ	0.7 J	18.8 UJ
SILVER	7440-22-4	0.46 J	3.8	0.63 J	3.4 U	3.1 U	0.22 J	2.6	1.1 J	3.5 U
SODIUM	7440-23-5			56.2 J			41.1 J		60.9 J	
THALLIUM	7440-28-0	30.7 UJ	27.5	2.6 U	25 U	22.7 U	2.5 UJ	33.6 U	2.9 U	25.9 U
VANADIUM	7440-62-2	42.4	26.8	19.7 J	21.4	16	9.1	62.2	30.7	21.4
ZINC	7440-66-6	310	131	74.2 J	51.6	43.1	55.2	185	377 J	125

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	40 Monroe Ave.		41 Dunbar St.		48 Monroe Ave.		52 Monroe Ave.		52 Monroe Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.		55 Academy Ave.	
	Top Depth	6		10		0		0		5		0		0		0		0.5	
	Sample Location	SB43		SB112		SS120		SS121		SB129		SS-43		SS-44		SS-45		SS-43	
	Sample ID	S-051804-DK-110		80018-SB112-1012		80018-SS120-0006		80018-SS121-0006		80018-SB129-0507		MAMJ15		MAMJ17		MAMJ19		MAMJ16	
	Risk Zone	D2		D2		D2		D2		D2		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	10		12		0.5		0.5		7		0.5		0.5		0.5		2	
	Sample Date	5/18/2004		11/3/2008		10/16/2008		10/16/2008		11/5/2008		4/28/1999		4/28/1999		4/28/1999		4/28/1999	
	Sample Type	N		N		N		N		N		N		N		N		N	
	Field Duplicate Parent																		
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	15300		11900		13400		8690		8440		6860	J	9470	J	8840	J	8450	J
ANTIMONY	7440-36-0	15.7	UJ	8	U	R		R		R		0.44	UJ	0.92	UJ	0.48	UJ	0.67	UJ
ARSENIC	7440-38-2	8.6		6.1		8.2		9.4		3.2		2.1	J	3.2	J	4.8	J	2.8	J
BARIUM	7440-39-3	59.8		50.7		239		198		44.1		21.1	J	70.9	J	26.1	J	49.3	J
BERYLLIUM	7440-41-7	2.7	U	0.46	J	0.63		0.45	J	0.3	J	0.37	J	0.48	J	0.31	UJ	0.57	J
CADMIUM	7440-43-9	4	U	0.38	J	2.7		2.1		0.14	J	0.08	UJ	0.62	J	0.17	J	13.7	J
CALCIUM	7440-70-2			712		3220		1680		631		420	UJ	986	J	820	J	512	UJ
CHROMIUM	7440-47-3	14.3		15		52.2	J	16.3	J	9.6	J	8.7	J	15.6	J	10.4	J	14	J
COBALT	7440-48-4	4.5		7.1		4.6	J	4.4	J	5.6		4.1	J	5.1	J	3	J	7	J
COPPER	7440-50-8	30.1		30.4		204		162		23		40.9	J	170	J	31.9	J	3110	J
CYANIDE	57-12-5	0.589	UJ	3.3	U	3.1	U	3	U	2.6	U	0.06	UJ	0.15	J	0.15	J	0.11	J
IRON	7439-89-6			19500		16200		11900		12600		12600	J	14900	J	12000	J	14300	J
LEAD	7439-92-1	289		53.4		848	J	537	J	5.3		30.6	J	143	J	52.7	J	245	J
MAGNESIUM	7439-95-4			3020		1980		1460		2950		1930	J	2070	J	1470	J	2860	J
MANGANESE	7439-96-5			312		400	J	223	J	181		152	J	261	J	139	J	176	J
MERCURY	7439-97-6	0.061		0.065	J	0.38	J	0.32	J	0.03	J	0.15	UJ	0.62	J	0.08	UJ	0.2	UJ
NICKEL	7440-02-0	10.5		13.8		17.6		16.6		8.9		8.7	J	16.9	J	8.5	J	31.3	J
POTASSIUM	7440-09-7			2050		836		897		2110		1080	J	1150	J	933	J	2000	J
SELENIUM	7782-49-2	21.5	UJ	4.6	U	0.78	J	1.3	J	3.6	U	0.63	UJ	0.71	UJ	0.69	UJ	0.74	UJ
SILVER	7440-22-4	4	U	0.53	J	1.2	J	0.64	J	0.2	J	0.82	J	1.3	J	0.7	UJ	1.1	J
SODIUM	7440-23-5			75.2	J	47.2	J	129	J	72.5	J	171	UJ	193	UJ	207	UJ	25.6	UJ
THALLIUM	7440-28-0	29.6	U	3.3	U	3.1	U	3	U	2.6	U	1.2	UJ	1.3	UJ	1.3	UJ	1.4	UJ
VANADIUM	7440-62-2	27.4		23.6		33.9		30.4		20		21.7	J	31.2	J	18.2	J	21.9	J
ZINC	7440-66-6	132		80.5		693	J	390	J	33.2		34.6	J	278	J	64.2	J	8260	J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	55 Academy Ave.		55 Academy Ave.		67 Academy Ave.		67 Academy Ave.		68 Monroe Ave.		68 Monroe Ave.		68 Monroe Ave.	
	Top Depth	0.5		0.5		0		0		0		0		5	
	Sample Location	SS-44		SS-45		SS30		SS30		SS123		SS42		SB130	
	Sample ID	MAMJ18		MAMJ20		KSS-030~51169.1~FDOFMA0T44~110102		SS-030~51168~~110102		80018-SS123-0006		SS-051404-DK-010		80018-SB130-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		D2		D2		D2	
	Bottom Depth	2		2		0.25		0.25		0.5		0.5		7	
	Sample Date	4/28/1999		4/28/1999		11/1/2002		11/1/2002		10/16/2008		5/14/2004		11/4/2008	
	Sample Type	N		N		FD		N		N		N		N	
	Field Duplicate Parent					SS-030~51168~~110102									
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	8600	J	7020	J	6500		5590		11600		13000		11600	
ANTIMONY	7440-36-0	4	UJ	0.46	UJ	0.7546	U	0.7051	U		R		R		R
ARSENIC	7440-38-2	12.6	J	3.2	J	2.5	B	3.1		9.4		5.7		3.9	
BARIUM	7440-39-3	145	J	23.8	J	47.2	B	37.5	B	55.2		53.9		89.7	
BERYLLIUM	7440-41-7	0.46	J	0.34	J	0.3	B	0.44	B	0.53	J	2.9	U	0.43	J
CADMIUM	7440-43-9	1.5	J	0.09	UJ	0.54	B	0.64	B	1.8		4.3	U	0.89	
CALCIUM	7440-70-2	1430	J	581	J	3310		2860		1580				1970	
CHROMIUM	7440-47-3	21.6	J	7.6	J	13.5		11.8		18.7	J	20.9	J	15.9	J
COBALT	7440-48-4	7.7	J	3.8	J	5.1	B	3.7	B	3.8	J	5.2		5.2	J
COPPER	7440-50-8	266	J	23.6	J	147		110		762		170		64.7	
CYANIDE	57-12-5	0.3	J	0.19	J	0.35	B	0.36	B	3.1	U	0.62	U	2.9	U
IRON	7439-89-6	38600	J	10000	J	13300		9820		13400				14200	
LEAD	7439-92-1	201	J	28.1	J	132.2		102		167	J	209		88.3	
MAGNESIUM	7439-95-4	1470	J	1340	J	2230		1620		1870				2600	
MANGANESE	7439-96-5	296	J	170	J	214		161		373	J			216	
MERCURY	7439-97-6	0.29	UJ	0.14	UJ	0.16		0.14		0.13	J	0.1		0.086	J
NICKEL	7440-02-0	32.1	J	7.5	J	22.3		18.9		12.2		16.9		13.4	
POTASSIUM	7440-09-7	748	J	860	J	890	B	774	B	637				1250	
SELENIUM	7782-49-2	0.7	UJ	0.66	UJ	1.2	BN	0.71	B	0.49	J	23.1	UJ	4	U
SILVER	7440-22-4	3.1	J	0.65	UJ	0.62	B	0.59	B	0.67	J	4.3	U	0.33	J
SODIUM	7440-23-5	287	UJ	191	UJ	377	BE	395	B	33.2	J			70.3	J
THALLIUM	7440-28-0	1.3	UJ	1.2	UJ	2	B	1.3	B	3.1	U	31.8	U	2.9	U
VANADIUM	7440-62-2	22.9	J	14	J	45.6		36.3		28.8		38.7	J	21.4	
ZINC	7440-66-6	388	J	39.1	J	204	EN	174		584	J	303		502	

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
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UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
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Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.	72 Dallas Ave.	72 Dallas Ave.	72 Dallas Ave.	72 Dallas Ave.	72 Dallas Ave.	72 Dallas Ave.	72 Dallas Ave.	74 Monroe Ave.
	Top Depth	0	0	0	5	5	5.5	10.5	10.5	0
	Sample Location	SB50	SB51	SS44	SB106	SB50	SB51	SB51	SB51	SS124
	Sample ID	S-052404-JR-162	S-051704-JR-088	S-052404-DK-164	80018-SB106-0507	S-052404-JR-163	S-051704-JR-090	S-051704-JR-092	S-051704-JR-094	80018-SS124-0006
	Risk Zone	B	Scovill-Offiste	Z	Scovill-Offiste	B	Scovill-Offiste	Scovill-Offiste	Scovill-Offiste	D2
	Bottom Depth	4	3	0.5	7	7.5	10	15	15	0.5
	Sample Date	5/24/2004	5/17/2004	5/24/2004	10/29/2008	5/24/2004	5/17/2004	5/17/2004	5/17/2004	10/16/2008
	Sample Type	N	N	N	N	N	N	N	FD	N
	Field Duplicate Parent								S-051704-JR-092	
	Unit	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chemical Name	**CAS No.**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**	**Result Qualifier**
ALUMINUM	7429-90-5	10600	8860	12200	9570	8560	9810	5930	7480	11200
ANTIMONY	7440-36-0	R	17.8 UJ	R	10.6 U	R	15 UJ	15.8 UJ	15 UJ	R
ARSENIC	7440-38-2	2.1 J	2.8 J	44.3	3.7	2.8 J	10.3 U	10.8 U	10.2 U	5.7
BARIUM	7440-39-3	59	104	56.4	58.1	70.5	66	46.7	52.7	93.4
BERYLLIUM	7440-41-7	2.8 U	3 U	3 U	0.43 J	3.8 U	2.6 U	2.7 U	2.6 U	0.45 J
CADMIUM	7440-43-9	4.1 U	4.6 U	4.6 U	2.1	5.7 U	3.8 U	4 U	3.8 U	1.4
CALCIUM	7440-70-2				1850					4790
CHROMIUM	7440-47-3	14.8 J	21.6	23 J	12.2	12.4 J	11	8	8.6	21.3 J
COBALT	7440-48-4	6.3	4.2	6.4	5.6 J	5.7	6.2	3.5	4.5	5.2 J
COPPER	7440-50-8	29.2	47.7	59.5	68.8	55.7	15.2	11.9	15.5	138
CYANIDE	57-12-5	0.589 U	0.67 UJ	0.639 U	4.4 U	0.732 U	0.52 UJ	0.55 UJ	0.56 UJ	3.3 U
IRON	7439-89-6				13700					14300
LEAD	7439-92-1	26.2 J	36.7	53.3 J	49.7	101 J	3.5	2.6	2.9	270 J
MAGNESIUM	7439-95-4				2380					2670
MANGANESE	7439-96-5				183					315 J
MERCURY	7439-97-6	0.044	0.093	0.053	0.098 J	0.067	0.04 U	0.042 U	0.055 U	0.19 J
NICKEL	7440-02-0	13.1 J	9.8	12.9 J	13.8	12.6 J	7.8	5.1	5.6	17.9
POTASSIUM	7440-09-7				1450					1350
SELENIUM	7782-49-2	22 U	24.3 UJ	24.3 U	0.92 J	30.2 U	20.5 UJ	21.6 UJ	20.5 UJ	0.83 J
SILVER	7440-22-4	4.1 U	4.6 U	4.6 U	0.3 J	5.74 U	3.8 U	4 U	3.8 U	0.5 J
SODIUM	7440-23-5				144 J					49.5 J
THALLIUM	7440-28-0	30.3 U	33.4 U	33.4 U	4.4 U	41.5 U	28.2 U	29.7 U	28.1 U	3.3 U
VANADIUM	7440-62-2	28.4 J	34.9	28 J	26.9	25.6 J	28.4	16.7	21.5	36.5
ZINC	7440-66-6	69.9	180	124	332	215	39.3	28.9	38.8	319 J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	76 Altyre St.		76 Altyre St.		76 Altyre St.		82 Hinsdale Ave.		82 Hinsdale Ave.		82 Hinsdale Ave.		82 Hinsdale Ave.		Meriden Rd.	
	Top Depth	0		0		10		0		0		0		5		5	
	Sample Location	SS45		SB54		SB54		SB86		SB86		SS77		SB86		SB127	
	Sample ID	SS-051704-DK-050		S-051704-JR-060		S-051704-JR-062		S-051404-JR-042		S-051404-JR-044		SS-051404-DK-048		S-051404-JR-046		80018-SB127-0509	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		4		15		4		4		0.5		10		9	
	Sample Date	5/17/2004		5/17/2004		5/17/2004		5/14/2004		5/14/2004		5/14/2004		5/14/2004		10/22/2008	
	Sample Type	N		N		N		N		FD		N		N		N	
	Field Duplicate Parent									S-051404-JR-042							
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	15600		12200		9970		16900		18700		15600		10700		7370	
ANTIMONY	7440-36-0	R		R		R		R		R		R		R		6.5	UJ
ARSENIC	7440-38-2	4.9		3	J	1.6	J	4.1		4.3		4.9		10.9		4.2	
BARIUM	7440-39-3	125		63.6		83.4		93.1		95.6		60.2		85.2		89.7	J
BERYLLIUM	7440-41-7	3.1	U	2.6	U	2.2	U	2.8	U	2.5	U	3.1	U	2.4	U	0.37	J
CADMIUM	7440-43-9	1.8	J	3.9	U	3.3	U	4.3	U	3.7	U	4.6	U	3.6	U	0.5	J
CALCIUM	7440-70-2															4460	
CHROMIUM	7440-47-3	19.5	J	13	J	19.2	J	16.3	J	18.2	J	20.9	J	13.8	J	11.6	J
COBALT	7440-48-4	5.2		5.9		7.9		6.9		6.6		5.3		9.6		4.3	J
COPPER	7440-50-8	161		60.5		31.1		38.9		41.1		141		26.4		30.1	J
CYANIDE	57-12-5	0.5		0.55	U	0.5	U	0.578	U	0.59	U	0.14		0.5	U	2.7	U
IRON	7439-89-6															10800	
LEAD	7439-92-1	575		57.5		5.3		21.8		26.8		102		6.7		192	J
MAGNESIUM	7439-95-4															2590	
MANGANESE	7439-96-5															185	
MERCURY	7439-97-6	0.12		0.041		0.036	U	0.047		0.054		0.084		0.048	U	0.11	
NICKEL	7440-02-0	17		12.3		11.9		13		13.3		16.3		12.9		9.2	
POTASSIUM	7440-09-7															1760	
SELENIUM	7782-49-2	24.8	UJ	20.6	UJ	17.6	UJ	22.7	UJ	20	UJ	24.5	UJ	19.2	UJ	3.8	U
SILVER	7440-22-4	0.51	J	3.9	U	3.3	U	4.3	U	3.7	U	4.6	U	3.6	U	0.55	J
SODIUM	7440-23-5															103	J
THALLIUM	7440-28-0	34.1	U	28.4	U	24.2	U	31.2	U	27.5	U	33.7	U	26.4	U	2.7	U
VANADIUM	7440-62-2	38.4	J	26.7	J	31.8	J	37	J	39.1	J	42.3	J	33.4	J	18	J
ZINC	7440-66-6	455	EB	127	EB	46.6	EB	120		118		285		44.4		120	J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
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J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	Meriden Rd. Lot Behind U-Haul		Pine Grove Cemetery		Pine Grove Cemetery		Pine Grove Cemetery		Pine Grove Cemetery		Pine Grove Cemetery	
	Top Depth	0		0		0		0		0.5		0.5	
	Sample Location	SS46		SS47		SS-55		SS-55		SB56		SS-55	
	Sample ID	S-051904-DK-117		S-052004-DK-141		MAMH78		MAMJ41		S-051204-JR-001		MAMH91	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		0.5		0.5		0.5		4.5		2	
	Sample Date	5/19/2004		5/20/2004		4/28/1999		4/28/1999		5/12/2004		4/28/1999	
	Sample Type	N		N		FD		N		N		FD	
	Field Duplicate Parent					MAMJ41						MAMJ42	
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	6940		13100		15900		15000		8030		17200	
ANTIMONY	7440-36-0	15.2	UJ	16.5	UJ		R	0.54	UJ		R	0.76	UJ
ARSENIC	7440-38-2	2.9	J	7.6		3.9		6.2		1.6	J	3.6	
BARIUM	7440-39-3	40		47		56		50.5		56.9		36.5	
BERYLLIUM	7440-41-7	2.6	U	2.8	U	0.51		0.52		2.3	U	0.49	
CADMIUM	7440-43-9	3.9	U	4.2	U	1.4		0.55	U	3.4	U	0.1	U
CALCIUM	7440-70-2					584	J	746	J			310	J
CHROMIUM	7440-47-3	9.7	J	14.4		14.8		14.9		10.6		16.4	
COBALT	7440-48-4	4.2		4.1		4.5		4.7		5.9		5.4	
COPPER	7440-50-8	68.3	J	76.3		37.7		55	J	27		14.3	
CYANIDE	57-12-5	0.0967		0.135				0.15	J	0.505	U		
IRON	7439-89-6					18500		17500				19300	
LEAD	7439-92-1	106	J	128		28		71.4	J	3.2		13.1	U
MAGNESIUM	7439-95-4					2080		2320	J			3010	
MANGANESE	7439-96-5					485		369	J			204	
MERCURY	7439-97-6	0.076		0.081		0.27	U	0.15	U	0.033	U	0.29	UJ
NICKEL	7440-02-0	9.2		11.8		12		11.3		12.4		11.2	
POTASSIUM	7440-09-7					633		818				1030	
SELENIUM	7782-49-2	20.8	U	22.5	U	0.89	J	1.3	UJ	18	UJ	0.72	UJ
SILVER	7440-22-4	3.9	U	4.2	U	1.3		1.3		3.4	U	1.2	
SODIUM	7440-23-5					199	J	192	J			181	J
THALLIUM	7440-28-0	28.6	UJ	31	UJ	1.5	U	1.4	U	24.8	U	1.4	U
VANADIUM	7440-62-2	19.9		29.5		30		30.5		20.9		31.3	
ZINC	7440-66-6	112		138		256	J	147	J	24.3		62.2	J

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Inorganics in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	Pine Grove Cemetery		Pine Grove Cemetery		Vacant Monroe Parcel		Vacant Monroe Parcel	
	Top Depth	0.5		5		0		5	
	Sample Location	SS-55		SB56		SS141		SB138	
	Sample ID	MAMJ42		S-051204-JR-002		80018-SS141-0006		80018-SB138-0507	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		D2		D2	
	Bottom Depth	2		10		0.5		7	
	Sample Date	4/28/1999		5/12/2004		10/16/2008		10/31/2008	
	Sample Type	N		N		N		N	
	Field Duplicate Parent								
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	16000		8160		4370		6340	
ANTIMONY	7440-36-0	0.51	UJ		R		R	7.9	U
ARSENIC	7440-38-2	13.4		8.6	U	3.5		11.5	
BARIUM	7440-39-3	40.1		58.5		55.2		457	
BERYLLIUM	7440-41-7	0.49		2.2	U	0.29	J	0.34	J
CADMIUM	7440-43-9	0.1	U	3.2	U	1.4		2	
CALCIUM	7440-70-2	461	J			1390		2410	
CHROMIUM	7440-47-3	21		12.6		8.3	J	15.8	
COBALT	7440-48-4	5.2		6.5		2.6	J	3.5	J
COPPER	7440-50-8	26.5	J	34.1		41.3		158	
CYANIDE	57-12-5	0.07	UJ	0.484	U	2.8	U	3.3	U
IRON	7439-89-6	17100				9030		23400	
LEAD	7439-92-1	31.3	J	4.3		220	J	740	
MAGNESIUM	7439-95-4	2860	J			1480		1280	
MANGANESE	7439-96-5	181	J			228	J	219	
MERCURY	7439-97-6	0.19	U	0.042	U	0.052	J	0.39	
NICKEL	7440-02-0	12.3		10.5		9.8		15	
POTASSIUM	7440-09-7	1200				966		865	
SELENIUM	7782-49-2	0.99	UJ	17.2	UJ	3.9	UJ	0.88	J
SILVER	7440-22-4	1.1		3.2	U	0.34	J	0.9	J
SODIUM	7440-23-5	205	J			42.2	J	136	J
THALLIUM	7440-28-0	1.4	U	23.7	U	2.8	U	3.3	U
VANADIUM	7440-62-2	29.7		23.5		18.5		16.5	
ZINC	7440-66-6	72	J	30.9		145	J	817	

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Chromium Speciation in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	231 Meriden Rd.		231 Meriden Rd.		231 Meriden Rd.		72 Dallas Ave.		72 Dallas Ave.	
	Top Depth	0		0		1		0		1	
	Sample Location	SB179		SB179		SB179		SB183		SB183	
	Sample ID	80018-DUP01-0012-0610		80018-SB179-0012-0610		80018-SB179-1236-0610		80018-SB183-0012-0610		80018-SB183-1224-0610	
	Risk Zone	Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	1		1		3		1		2	
	Sample Date	6/22/2010		6/22/2010		6/22/2010		6/22/2010		6/22/2010	
	Sample Type	FD		N		N		N		N	
	Field Duplicate Parent	80018-SB179-0012-0610									
	Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
CHROMIUM	7440-47-3	30		29.9		38.1		11.7		12	
TRIVALENT CHROMIUM	16065-83-1	18.4		22.3		27.6		1.99		9.21	
Chromium-Hexavalent	18540-29-9	11.6		7.61		10.5		9.71		2.79	

Notes:
mg/Kg - Milligrams per Kilogram (part per million)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
E - Serial dilution criteria not met
N - Matrix spike criteria not met
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
SPLP Metals in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	5		4		0		0		4		0	
	Sample Location	SB102		SB104		SB30		SB30		SB170		SS102	
	Sample ID	80018-SB102-0506		80018-SB104-0405		KSB30-00-04~202164-012~FDOFD03342A102302		SB30-00-04~202164-011~FDOFD03343~102302		80018-SB170-0405		80018-SS102-0006	
	Risk Zone	A		A		B		B		B		A	
	Bottom Depth	6		5		4		4		5		0.5	
	Sample Date	11/11/2008		11/12/2008		10/23/2002		10/23/2002		11/11/2008		10/16/2008	
	Sample Type	N		N		FD		N		N		N	
	Field Duplicate Parent					SB30-00-04~202164-011~FDOFD03343~102302							
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0					5.9	U	5.9	U				
ARSENIC	7440-38-2	20	U	20	U	5	U	5	U	20	U	20	U
BARIUM	7440-39-3	200	U	200	U	88.7		97.6		200	U	200	U
BERYLLIUM	7440-41-7					1.8	U	1.8	U				
CADMIUM	7440-43-9	5	U	5	U	1.8	UJ	1.4	U	5	U	5	U
CHROMIUM	7440-47-3	20	U	20	U	1.9	U	1.9	U	20	U	20	U
COPPER	7440-50-8					4	UJ	5.1	UJ				
LEAD	7439-92-1	102		10	U	3	U	3	U	18.8		34.3	
NICKEL	7440-02-0					7.5	U	7.5	U				
SELENIUM	7782-49-2	30	U	30	U	5	U	5	U	30	U	30	U
SILVER	7440-22-4	30	U	30	U	1.5	UJ	1.5	UJ	30	U	30	U
THALLIUM	7440-28-0					10	UJ	10	UJ				
VANADIUM	7440-62-2					5	U	5	U				
ZINC	7440-66-6					236		168					
MERCURY	7439-97-6	0.2	U	1.4		0.8	U	0.8	U	0.2	U	0.2	U

Notes:
µg/L - Micrograms per Liter (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
SPLP Metals in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	118 Monroe Ave.		118 Monroe Ave.		141 Academy Ave.		150 Monroe Ave.		174 Monroe Ave.		175 Academy Ave.		197 Academy Ave.		197 Academy Ave.		211 Meriden Rd.	
	Top Depth	0		2		4		0		0		0		4		4		0	
	Sample Location	SS128		SB131		SB101		SS132		SS135		SS105		SB105		SB105		SS110	
	Sample ID	80018-SS128-0006		80018-SB131-0204		80018-SB101-0405		80018-SS132-0006		80018-SS135-0006		80018-SS105-0006		80018-DUP111-0405		80018-SB105-0405		80018-SS110-0006	
	Risk Zone	C		C		A		C		C		A		B		B		Scovill-Offiste	
	Bottom Depth	0.5		4		5		0.5		0.5		0.5		5		5		0.5	
	Sample Date	10/23/2008		10/24/2008		11/11/2008		10/22/2008		10/22/2008		10/16/2008		11/12/2008		11/12/2008		10/16/2008	
	Sample Type	N		N		N		N		N		N		FD		N		N	
	Field Duplicate Parent													80018-SB105-0405					
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0																		
ARSENIC	7440-38-2	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
BARIUM	7440-39-3	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
BERYLLIUM	7440-41-7																		
CADMIUM	7440-43-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHROMIUM	7440-47-3	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
COPPER	7440-50-8																		
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	64.7	
NICKEL	7440-02-0																		
SELENIUM	7782-49-2	30	U	30	U	30	U	30	U	30	U	30	U	30	U	30	U	30	U
SILVER	7440-22-4	30	U	30	U	30	U	30	U	30	U	30	U	30	U	30	U	30	U
THALLIUM	7440-28-0																		
VANADIUM	7440-62-2																		
ZINC	7440-66-6																		
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

Notes:
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UJ - Substance was analyed for, but not detected, estimated reporting limit presented
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Appendix H
Analytical Data Summary
SPLP Metals in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	204 Monroe Ave.		219 Meriden Rd.		219 Meriden Rd.		224 Monroe Ave.		225 Meriden Rd.		232 Monroe Ave.		299 Meriden Rd.		305 Meriden Rd.	
	Top Depth	0		0		5		0		5		10		5		0	
	Sample Location	SS137		SS112		SB113		SS139		SB115		SB137		SB124		SS117	
	Sample ID	80018-SS137-0006		80018-SS112-0006		80018-SB113-0507		80018-SS139-0006		80018-SB115-0507		80018-SB137-1012		80018-SB124-0507		80018-SS117-0002	
	Risk Zone	C		Scovill-Offiste		Scovill-Offiste		C		Scovill-Offiste		C		Scovill-Offiste		Scovill-Offiste	
	Bottom Depth	0.5		0.5		7		0.5		7		12		7		0.5	
	Sample Date	10/15/2008		10/20/2008		10/28/2008		10/8/2008		10/28/2008		11/3/2008		10/23/2008		10/24/2008	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0																
ARSENIC	7440-38-2	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
BARIUM	7440-39-3	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
BERYLLIUM	7440-41-7																
CADMIUM	7440-43-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHROMIUM	7440-47-3	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
COPPER	7440-50-8																
LEAD	7439-92-1	10	U	40.2		10	U	10	U	10	U	10	U	10	U	52.6	
NICKEL	7440-02-0																
SELENIUM	7782-49-2	30	U	30	U	30	U	30	U	30	U	30	U	30	U	30	U
SILVER	7440-22-4	30	U	30	U	30	U	30	U	30	U	30	U	30	U	30	U
THALLIUM	7440-28-0																
VANADIUM	7440-62-2																
ZINC	7440-66-6																
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

Notes:
µg/L - Micrograms per Liter (part per billion)
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J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
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Appendix H
Analytical Data Summary
SPLP Metals in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	40 Monroe Ave.		41 Dunbar St.		52 Monroe Ave.		74 Monroe Ave.		Meriden Rd.	
	Top Depth	0		10		0		0		5	
	Sample Location	SS119		SB112		SS121		SS124		SB127	
	Sample ID	80018-SS119-0006		80018-SB112-1012		80018-SS121-0006		80018-SS124-0006		80018-SB127-0509	
	Risk Zone	D2		D2		D2		D2		Scovill-Offiste	
	Bottom Depth	0.5		12		0.5		0.5		9	
	Sample Date	10/16/2008		11/3/2008		10/16/2008		10/16/2008		10/22/2008	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0										
ARSENIC	7440-38-2	20	U	20	U	20	U	20	U	20	U
BARIUM	7440-39-3	200	U	200	U	200	U	200	U	200	U
BERYLLIUM	7440-41-7										
CADMIUM	7440-43-9	5	U	5	U	5	U	5	U	5	U
CHROMIUM	7440-47-3	20	U	20	U	20	U	20	U	20	U
COPPER	7440-50-8										
LEAD	7439-92-1	18.7		10	U	21.2		11.9		10	U
NICKEL	7440-02-0										
SELENIUM	7782-49-2	30	U	30	U	30	U	30	U	30	U
SILVER	7440-22-4	30	U	30	U	30	U	30	U	30	U
THALLIUM	7440-28-0										
VANADIUM	7440-62-2										
ZINC	7440-66-6										
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

Notes:
µg/L - Micrograms per Liter (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
TOC Via Lloyd-Kahn in Offsite Soil Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	(Site) Store Ave.		(Site) Store Ave.		(Site) Store Ave.	
	Top Depth	0		0		5	
	Sample Location	SB30		SB30		SB168	
	Sample ID	KSB30-00-04~202164-012~FDOFD03342~102302		SB30-00-04~202164-011~FDOFD03343~102302		80018-SB168-0507	
	Risk Zone	B		B		B	
	Bottom Depth	4		4		7	
	Sample Date	10/23/2002		10/23/2002		10/29/2008	
	Sample Type	FD		N		N	
	Field Duplicate Parent	SB30-00-04~202164-011~FDOFD03343~102302					
	Unit	ug/L		ug/L		mg/Kg	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
TOTAL ORGANIC CARBON (TOC)	TOC	36100		25100		3900	

Notes:
No TOC screening criteria has been utilized
µg/L - Micrograms per Liter (part per billion)
mg/Kg - Milligrams per Kilogram (part per million)

Appendix H
Analytical Data Summary - VOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Sample Location	MW1		MW1		MW1		MW1		MW1		MW1	
	Sample ID	GW-072904-BC-20		80018-GW-MW1-1208		80018-GW-MW1-0309		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209	
	Risk Zone	B		B		B		B		B		B	
	Top Depth												
	Bottom Depth												
	Sample Date	7/29/2004		12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	0.5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	0.5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	0.5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	0.5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	0.5	U	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6			5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	0.5	UJ	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	0.5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	0.5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	0.5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	0.5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	0.5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	0.5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1			R		100	U	R		R		100	U
2-Butanone	78-93-3	5	UJ	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	0.5	UJ	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	5	U	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	5	UJ	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	0.5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5			5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	0.5	U	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	0.5	U	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	0.5	UJ	5	U	5	U	5	U	5	U	5	UJ
Carbon Disulfide	75-15-0	0.5	U	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	0.5	U	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	0.5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	0.5	U	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	8	U	13		11		9.4		12	J	5	U
Chloromethane	74-87-3	0.5	U	5	U	5	U	5	U	0.2	J	5	U
Cis-1,2-Dichloroethene	156-59-2	0.5	U	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	0.5	U	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7			5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	0.5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	0.5	U	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	0.5	U	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	0.5	U	5	U	5	U	5	U	5	U	5	U

Appendix H
Analytical Data Summary - VOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Sample Location	MW1		MW1		MW1		MW1		MW1		MW1	
	Sample ID	GW-072904-BC-20		80018-GW-MW1-1208		80018-GW-MW1-0309		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209	
	Risk Zone	B		B		B		B		B		B	
	Top Depth												
	Bottom Depth												
	Sample Date	7/29/2004		12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1			5	U	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9			5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	2	U	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2			5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	0.5	UJ	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6			5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	0.5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	0.5	U	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	0.5	U	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	0.5	U	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	0.5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	0.5	U	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	0.5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	0.5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary - VOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		143 Newbury St.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.	
Sample Location		MW1		MW1		MW1		MW13		MW13		MW13		MW13	
Sample ID		80018-GW-MW1-0310		80018-GW-MW1-0610		80018-GW-MW1-1010		80018-GW-MW13-1208		80018-GW-MW13-0309		80018-GW-MW13-0609		80018-GW-MW13-0909	
Risk Zone		B		B		B		A		A		A		A	
Top Depth															
Bottom Depth															
Sample Date		3/10/2010 10:35:00 AM		6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM		12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM		6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	5	U	5	U	R		5	U	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	R		R		100	U	R		100	U	R		R	
2-Butanone	78-93-3	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	10	U	37	U	10	U	10	U	10	U	10	U	10	U
Benzene	71-43-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	75-15-0	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	10	U	9.5		10		5	U	5	U	5	U	5	U
Chloromethane	74-87-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Appendix H
Analytical Data Summary - VOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		143 Newbury St.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.	
Sample Location		MW1		MW1		MW1		MW13		MW13		MW13		MW13	
Sample ID		80018-GW-MW1-0310		80018-GW-MW1-0610		80018-GW-MW1-1010		80018-GW-MW13-1208		80018-GW-MW13-0309		80018-GW-MW13-0609		80018-GW-MW13-0909	
Risk Zone		B		B		B		A		A		A		A	
Top Depth															
Bottom Depth															
Sample Date		3/10/2010 10:35:00 AM		6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM		12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM		6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	5	U	5	U	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	75-01-4	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary - VOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
Sample Location		MW13		MW13		MW13		MW13		MW2S		MW2S		MW2S	
Sample ID		80018-GW-MW13-1209		80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010		80018-GW-MW2-1208		80018-GW-MW2-0309		80018-GW-MW2-0609	
Risk Zone		A		A		A		A		Z		Z		Z	
Top Depth															
Bottom Depth															
Sample Date		12/3/2009 12:45:00 PM		3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM		12/18/2008 11:15:00 AM		3/4/2009 1:05:00 PM		6/15/2009 3:25:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,2-Dibromo-3-Chloropropane	96-12-8	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,2-Dibromoethane	106-93-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
1,4-Dioxane	123-91-1	100	U	R		R		100	UJ	R		100	U	R	
2-Butanone	78-93-3	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
2-Hexanone	591-78-6	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
Acetone	67-64-1	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
Benzene	71-43-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Bromochloromethane	74-97-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Bromodichloromethane	75-27-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Bromoform	75-25-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Bromomethane	74-83-9	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	U
Carbon Disulfide	75-15-0	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Chlorobenzene	108-90-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Chloroethane	75-00-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Chloroform	67-66-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Chloromethane	74-87-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Cyclohexane	110-82-7	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Dibromochloromethane	124-48-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Ethylbenzene	100-41-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Isopropylbenzene	98-82-8	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U

Appendix H
Analytical Data Summary - VOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
Sample Location		MW13		MW13		MW13		MW13		MW2S		MW2S		MW2S	
Sample ID		80018-GW-MW13-1209		80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010		80018-GW-MW2-1208		80018-GW-MW2-0309		80018-GW-MW2-0609	
Risk Zone		A		A		A		A		Z		Z		Z	
Top Depth															
Bottom Depth															
Sample Date		12/3/2009 12:45:00 PM		3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM		12/18/2008 11:15:00 AM		3/4/2009 1:05:00 PM		6/15/2009 3:25:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Methyl Acetate	79-20-9	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Methylcyclohexane	108-87-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Methylene Chloride	75-09-2	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
O-Xylene	95-47-6	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Styrene	100-42-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Tetrachloroethene	127-18-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Toluene	108-88-3	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Trichloroethene	79-01-6	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Vinyl Chloride	75-01-4	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary - VOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW2S		MW2S		MW2S		MW2S		MW2S	
	Sample ID	80018-GW-MW2S-0809		80018-GW-MW2S-1209		80018-GW-MW2S-0310		80018-GW-MW2S-0610		80018-GW-MW2S-1010	
	Risk Zone	Z		Z		Z		Z		Z	
	Top Depth										
	Bottom Depth										
	Sample Date	8/31/2009 4:20:00 PM		12/3/2009 9:45:00 AM		3/10/2010 3:28:00 PM		6/23/2010 10:40:00 AM		10/6/2010 10:20:00 AM	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1,1-Trichloroethane	71-55-6	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	79-00-5	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	75-34-3	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	75-35-4	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichlorobenzene	87-61-6	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	120-82-1	5	U	5	U	5	U	5	U	5	UJ
1,2-Dibromo-3-Chloropropane	96-12-8	5	U	5	U	5	U	5	U	R	
1,2-Dibromoethane	106-93-4	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	78-87-5	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	541-73-1	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	5	U	5	U	5	U	5	U	5	U
1,4-Dioxane	123-91-1	R		100	U	R		R		100	U
2-Butanone	78-93-3	10	U	10	U	10	U	10	U	10	U
2-Hexanone	591-78-6	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	108-10-1	10	U	10	U	10	U	10	U	10	U
Acetone	67-64-1	10	U	10	U	10	U	16	U	12	U
Benzene	71-43-2	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	75-27-4	5	U	5	U	5	U	5	U	5	U
Bromoform	75-25-2	5	U	5	U	5	U	5	U	5	U
Bromomethane	74-83-9	5	U	5	UJ	5	U	5	U	5	U
Carbon Disulfide	75-15-0	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	56-23-5	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	5	U	5	U	5	U	5	U	5	U
Chloroethane	75-00-3	5	U	5	U	5	U	5	U	5	U
Chloroform	67-66-3	5	U	5	U	5	U	5	U	5	U
Chloromethane	74-87-3	5	U	5	U	5	U	5	U	5	U
Cis-1,2-Dichloroethene	156-59-2	5	U	5	U	5	U	5	U	5	U
Cis-1,3-Dichloropropene	10061-01-5	5	U	5	U	5	U	5	U	5	U
Cyclohexane	110-82-7	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	124-48-1	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	5	U	5	U	5	U	5	U	5	U
Ethylbenzene	100-41-4	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	98-82-8	5	U	5	U	5	U	5	U	5	U

Appendix H
Analytical Data Summary - VOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW2S		MW2S		MW2S		MW2S		MW2S	
	Sample ID	80018-GW-MW2S-0809		80018-GW-MW2S-1209		80018-GW-MW2S-0310		80018-GW-MW2S-0610		80018-GW-MW2S-1010	
	Risk Zone	Z		Z		Z		Z		Z	
	Top Depth										
	Bottom Depth										
	Sample Date	8/31/2009 4:20:00 PM		12/3/2009 9:45:00 AM		3/10/2010 3:28:00 PM		6/23/2010 10:40:00 AM		10/6/2010 10:20:00 AM	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
M,P-Xylene	179601-23-1	5	U	5	U	5	U	5	U	5	U
Methyl Acetate	79-20-9	5	U	5	U	5	U	5	U	5	U
Methyl Tert-Butyl Ether	1634-04-4	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	75-09-2	5	U	5	U	5	U	5	U	5	U
O-Xylene	95-47-6	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	5	U	5	U	5	U	5	U	5	U
Toluene	108-88-3	5	U	5	U	5	U	5	U	5	U
Trans-1,2-Dichloroethene	156-60-5	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene	10061-02-6	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	5	U	5	U	5	U	5	U	5	U
Trichlorofluoromethane	75-69-4	5	U	5	U	5	U	5	UJ	5	U
Vinyl Chloride	75-01-4	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary - SVOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
Sample Location		MW1		MW1		MW1		MW1		MW1		MW1		MW1	
Sample ID		GW-072904-BC-20		80018-GW-MW1-1208		80018-GW-MW1-0309		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209		80018-GW-MW1-0310	
Risk Zone		B		B		B		B		B		B		B	
Top Depth															
Bottom Depth															
Sample Date		7/29/2004		12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM		3/10/2010 10:35:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4			4.8	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	95-94-3			4.8	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	108-60-1	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	58-90-2			4.8	U	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	95-95-4	25	U	4.8	U	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	88-06-2	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
2,4-DICHLOROPHENOL	120-83-2	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	105-67-9	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
2,4-DINITROPHENOL	51-28-5	25	UJ	9.5	UJ	10	U	10	U	10	U	10	UJ	10	U
2,4-DINITROTOLUENE	121-14-2	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	606-20-2	5	UJ	4.8	U	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	91-58-7	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	95-57-8	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	91-57-6	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
2-METHYLPHENOL	95-48-7	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
2-NITROANILINE	88-74-4	25	U	9.5	U	10	U	10	U	10	U	10	UJ	10	U
2-NITROPHENOL	88-75-5	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	91-94-1	10	U	4.8	U	5	U	5	U	5	U	5	U	5	U
3-NITROANILINE	99-09-2	25	U	9.5	U	10	U	10	U	10	U	10	UJ	10	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	25	U	9.5	U	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	101-55-3	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	59-50-7	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROANILINE	106-47-8	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	7005-72-3	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	106-44-5	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
4-NITROANILINE	100-01-6	10	U	9.5	U	10	U	10	U	10	U	10	UJ	10	U
4-NITROPHENOL	100-02-7	25	U	9.5	U	10	U	10	U	10	U	10	UJ	10	U
ACENAPHTHENE	83-32-9	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
ACENAPHTHYLENE	208-96-8	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
ACETOPHENONE	98-86-2	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
ANTHRACENE	120-12-7	5	UJ	4.8	U	5	U	5	U	5	U	5	U	5	U
ATRAZINE	1912-24-9	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	100-52-7	5	UJ	4.8	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	56-55-3	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)PYRENE	50-32-8	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	205-99-2	0.05	UJ	4.8	U	5	U	5	U	5	U	5	U	5	U
BENZO(G,H,I)PERYLENE	191-24-2	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	207-08-9	0.05	U	4.8	U	5	U	5	U	5	U	5	UJ	5	U
BIS(2-CHLOROETHOXY)METHANE	111-91-1	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U

Appendix H
Analytical Data Summary - SVOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
Sample Location		MW1		MW1		MW1		MW1		MW1		MW1		MW1	
Sample ID		GW-072904-BC-20		80018-GW-MW1-1208		80018-GW-MW1-0309		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209		80018-GW-MW1-0310	
Risk Zone		B		B		B		B		B		B		B	
Top Depth															
Bottom Depth															
Sample Date		7/29/2004		12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM		3/10/2010 10:35:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-chloroethyl)ether	111-44-4	5	U	4.8	U	5	U	5	U	5	UJ	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	0.2	U	4.8	U	5	U	5	U	5	U	5	U	2.1	J
Butylbenzylphthalate	85-68-7	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	65		54		48		5	U	5	U	0.4	J
CARBAZOLE	86-74-8	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
CHRYSENE	218-01-9	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	53-70-3	0.05	UJ	4.8	U	5	U	5	U	5	U	5	U	5	U
DIBENZOFURAN	132-64-9	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	84-74-2	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	117-84-0	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	206-44-0	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
FLUORENE	86-73-7	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	118-74-1	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	87-68-3	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROETHANE	67-72-1	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	193-39-5	0.05	UJ	4.8	U	5	U	5	U	5	U	5	U	5	U
ISOPHORONE	78-59-1	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	91-20-3	0.05	U	4.8	U	5	U	5	U	5	U	5	U	5	U
NITROBENZENE	98-95-3	5	U	4.8	U	5	U	5	UJ	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	5	U	4.8	U	5	U	5	UJ	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	86-30-6	5	UJ	4.8	U	5	U	5	U	5	U	5	U	5	U
PENTACHLOROPHENOL	87-86-5	0.6	U	9.5	U	10	UJ	10	UJ	10	UJ	10	U	10	U
PHENANTHRENE	85-01-8	0.05	UJ	4.8	U	5	U	5	U	5	U	5	U	5	U
PHENOL	108-95-2	5	U	4.8	U	5	U	5	U	5	U	5	U	5	U
PYRENE	129-00-0	0.05	UJ	4.8	U	5	U	5	U	5	U	R		5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary - SVOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.	
Sample Location		MW1		MW1		MW13		MW13		MW13		MW13		MW13	
Sample ID		80018-GW-MW1-0610		80018-GW-MW1-1010		80018-GW-MW13-1208		80018-GW-MW13-0309		80018-GW-MW13-0609		80018-GW-MW13-0909		80018-GW-MW13-1209	
Risk Zone		B		B		A		A		A		A		A	
Top Depth															
Bottom Depth															
Sample Date		6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM		12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM		6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM		12/3/2009 12:45:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	95-94-3	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	108-60-1	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	58-90-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	95-95-4	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	88-06-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2,4-DICHLOROPHENOL	120-83-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	105-67-9	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2,4-DINITROPHENOL	51-28-5	10	U	10	U	9.4	U	10	U	10	UJ	10	U	10	U
2,4-DINITROTOLUENE	121-14-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	606-20-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	91-58-7	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	95-57-8	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	91-57-6	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2-METHYLPHENOL	95-48-7	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
2-NITROANILINE	88-74-4	10	U	10	U	9.4	U	10	U	10	U	10	U	10	U
2-NITROPHENOL	88-75-5	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	91-94-1	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
3-NITROANILINE	99-09-2	10	U	10	U	9.4	U	10	U	10	UJ	10	U	10	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	10	U	10	U	9.4	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	101-55-3	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	59-50-7	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
4-CHLOROANILINE	106-47-8	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	7005-72-3	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	106-44-5	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
4-NITROANILINE	100-01-6	10	U	10	U	9.4	U	10	U	10	U	10	U	10	U
4-NITROPHENOL	100-02-7	10	U	10	U	9.4	U	10	U	10	U	10	U	10	U
ACENAPHTHENE	83-32-9	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
ACENAPHTHYLENE	208-96-8	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
ACETOPHENONE	98-86-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
ANTHRACENE	120-12-7	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
ATRAZINE	1912-24-9	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	100-52-7	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	56-55-3	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
BENZO(A)PYRENE	50-32-8	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	205-99-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
BENZO(G,H,I)PERYLENE	191-24-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	207-08-9	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	111-91-1	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U

Appendix H
Analytical Data Summary - SVOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.	
Sample Location		MW1		MW1		MW13		MW13		MW13		MW13		MW13	
Sample ID		80018-GW-MW1-0610		80018-GW-MW1-1010		80018-GW-MW13-1208		80018-GW-MW13-0309		80018-GW-MW13-0609		80018-GW-MW13-0909		80018-GW-MW13-1209	
Risk Zone		B		B		A		A		A		A		A	
Top Depth															
Bottom Depth															
Sample Date		6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM		12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM		6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM		12/3/2009 12:45:00 PM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-chloroethyl)ether	111-44-4	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	U	5	U	4.7	U	5	U	5	U	5.2	U	5	U
Butylbenzylphthalate	85-68-7	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	150	D	53		5	U	5	U	5	U
CARBAZOLE	86-74-8	5	U	5	U	4.7	U	5	U	5	UJ	5	U	5	U
CHRYSENE	218-01-9	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	53-70-3	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
DIBENZOFURAN	132-64-9	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	84-74-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	117-84-0	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
FLUORANTHENE	206-44-0	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
FLUORENE	86-73-7	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	118-74-1	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	87-68-3	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
HEXACHLOROETHANE	67-72-1	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	193-39-5	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
ISOPHORONE	78-59-1	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
NAPHTHALENE	91-20-3	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
NITROBENZENE	98-95-3	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	86-30-6	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
PENTACHLOROPHENOL	87-86-5	10	U	10	UJ	9.4	U	10	UJ	10	UJ	10	UJ	10	U
PHENANTHRENE	85-01-8	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
PHENOL	108-95-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U
PYRENE	129-00-0	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary - SVOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
Sample Location		MW13		MW13		MW13		MW2S		MW2S		MW2S	
Sample ID		80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010		80018-GW-MW2-1208		80018-GW-MW2-0309		80018-GW-MW2-0609	
Risk Zone		A		A		A		Z		Z		Z	
Top Depth													
Bottom Depth													
Sample Date		3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM		12/18/2008 11:15:00 AM		3/4/2009 1:05:00 PM		6/15/2009 3:25:00 PM	
Sample Type		N		N		N		N		N		N	
Field Duplicate Parent													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	4.7	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	95-94-3	5	U	5	U	5	U	4.7	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	108-60-1	5	U	5	U	5	U	4.7	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	58-90-2	5	U	5	U	5	U	4.7	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	95-95-4	5	U	5	U	5	U	4.7	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	88-06-2	5	U	5	U	5	U	4.7	U	5	U	5	U
2,4-DICHLOROPHENOL	120-83-2	5	U	5	U	5	U	4.7	U	5	U	5	U
2,4-DIMETHYLPHENOL	105-67-9	5	U	5	U	5	U	4.7	U	5	U	5	U
2,4-DINITROPHENOL	51-28-5	10	U	10	U	10	U	9.4	UJ	10	U	10	U
2,4-DINITROTOLUENE	121-14-2	5	U	5	U	5	U	4.7	U	5	U	5	U
2,6-DINITROTOLUENE	606-20-2	5	U	5	U	5	U	4.7	U	5	U	5	U
2-CHLORONAPHTHALENE	91-58-7	5	U	5	U	5	U	4.7	U	5	U	5	U
2-CHLOROPHENOL	95-57-8	5	U	5	U	5	U	4.7	U	5	U	5	U
2-METHYLNAPHTHALENE	91-57-6	5	U	5	U	5	U	4.7	U	5	U	5	U
2-METHYLPHENOL	95-48-7	5	U	5	U	5	U	4.7	U	5	U	5	U
2-NITROANILINE	88-74-4	10	U	10	U	10	U	9.4	U	10	U	10	U
2-NITROPHENOL	88-75-5	5	U	5	U	5	U	4.7	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	91-94-1	5	U	5	U	5	U	4.7	U	5	U	5	U
3-NITROANILINE	99-09-2	10	U	10	U	10	U	9.4	U	10	U	10	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	10	U	10	U	10	U	9.4	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	101-55-3	5	U	5	U	5	U	4.7	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	59-50-7	0.38	J	5	U	5	U	4.7	U	5	U	5	U
4-CHLOROANILINE	106-47-8	5	U	5	U	5	U	4.7	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	7005-72-3	5	U	5	U	5	U	4.7	U	5	U	5	U
4-METHYLPHENOL	106-44-5	5	U	5	U	5	U	4.7	U	5	U	5	U
4-NITROANILINE	100-01-6	10	U	10	U	10	U	9.4	U	10	U	10	U
4-NITROPHENOL	100-02-7	10	U	10	U	10	U	9.4	U	10	U	10	U
ACENAPHTHENE	83-32-9	0.29	J	5	U	5	U	4.7	U	5	U	5	U
ACENAPHTHYLENE	208-96-8	5	U	5	U	5	U	4.7	U	5	U	5	U
ACETOPHENONE	98-86-2	5	U	5	U	5	U	4.7	U	5	U	5	U
ANTHRACENE	120-12-7	5	U	5	U	5	U	4.7	U	5	U	5	U
ATRAZINE	1912-24-9	5	U	5	U	5	U	4.7	U	5	U	5	U
BENZALDEHYDE	100-52-7	5	U	5	U	5	U	4.7	U	5	U	5	U
BENZO(A)ANTHRACENE	56-55-3	5	U	5	U	5	U	4.7	U	5	U	5	U
BENZO(A)PYRENE	50-32-8	5	U	5	U	5	U	4.7	U	5	U	5	U
BENZO(B)FLUORANTHENE	205-99-2	5	U	5	U	5	U	4.7	U	5	U	5	U
BENZO(G,H,I)PERYLENE	191-24-2	5	U	5	U	5	U	4.7	U	5	U	5	U
BENZO(K)FLUORANTHENE	207-08-9	5	U	5	U	5	U	4.7	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	111-91-1	5	U	5	U	5	U	4.7	U	5	U	5	U

Appendix H
Analytical Data Summary - SVOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
Sample Location		MW13		MW13		MW13		MW2S		MW2S		MW2S	
Sample ID		80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010		80018-GW-MW2-1208		80018-GW-MW2-0309		80018-GW-MW2-0609	
Risk Zone		A		A		A		Z		Z		Z	
Top Depth													
Bottom Depth													
Sample Date		3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM		12/18/2008 11:15:00 AM		3/4/2009 1:05:00 PM		6/15/2009 3:25:00 PM	
Sample Type		N		N		N		N		N		N	
Field Duplicate Parent													
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-chloroethyl)ether	111-44-4	5	U	5	U	5	U	4.7	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	0.82	J	5	U	5	U	4.7	U	5	U	5	U
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	4.7	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	200	D	76	D	5	U
CARBAZOLE	86-74-8	5	U	5	U	5	U	4.7	U	5	U	5	U
CHRYSENE	218-01-9	5	U	5	U	5	U	4.7	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	53-70-3	5	U	5	U	5	U	4.7	U	5	U	5	U
DIBENZOFURAN	132-64-9	5	U	5	U	5	U	4.7	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	4.7	U	5	U	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	4.7	U	5	U	5	U
DI-N-BUTYL PHTHALATE	84-74-2	5	U	5	U	5	U	4.7	U	5	U	5	U
DI-N-OCTYL PHTHALATE	117-84-0	5	U	5	U	5	U	4.7	U	5	U	5	U
FLUORANTHENE	206-44-0	5	U	5	U	5	U	4.7	U	5	U	5	U
FLUORENE	86-73-7	5	U	5	U	5	U	4.7	U	5	U	5	U
HEXACHLOROBENZENE	118-74-1	5	U	5	U	5	U	4.7	U	5	U	5	U
HEXACHLOROBUTADIENE	87-68-3	5	U	5	U	5	U	4.7	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	U	5	U	5	U	4.7	U	5	U	5	U
HEXACHLOROETHANE	67-72-1	5	U	5	U	5	U	4.7	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	193-39-5	5	U	5	U	5	U	4.7	U	5	U	5	U
ISOPHORONE	78-59-1	5	U	5	U	5	U	4.7	U	5	U	5	U
NAPHTHALENE	91-20-3	5	U	5	U	5	U	4.7	U	5	U	5	U
NITROBENZENE	98-95-3	5	U	5	U	5	U	4.7	U	5	U	5	UJ
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	5	U	5	U	5	U	4.7	U	5	U	5	UJ
N-NITROSODIPHENYLAMINE	86-30-6	5	U	5	U	5	U	4.7	U	5	U	5	U
PENTACHLOROPHENOL	87-86-5	10	U	10	U	10	UJ	9.4	U	10	UJ	10	UJ
PHENANTHRENE	85-01-8	5	U	5	U	5	U	4.7	U	5	U	5	U
PHENOL	108-95-2	0.38	J	5	U	5	U	4.7	U	5	U	5	U
PYRENE	129-00-0	5	U	5	U	5	U	4.7	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary - SVOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
Sample Location		MW2S		MW2S		MW2S		MW2S		MW2S	
Sample ID		80018-GW-MW2SR-0909		80018-GW-MW2S-1209		80018-GW-MW2S-0310		80018-GW-MW2S-0610		80018-GW-MW2S-1010	
Risk Zone		Z		Z		Z		Z		Z	
Top Depth											
Bottom Depth											
Sample Date		9/3/2009 11:00:00 AM		12/3/2009 9:45:00 AM		3/10/2010 3:28:00 PM		6/23/2010 10:40:00 AM		10/6/2010 10:20:00 AM	
Sample Type		N		N		N		N		N	
Field Duplicate Parent											
Unit		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
1,1'-Biphenyl	92-52-4	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	95-94-3	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	108-60-1	5	U	5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	58-90-2	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	95-95-4	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	88-06-2	5	U	5	U	5	U	5	U	5	U
2,4-DICHLOROPHENOL	120-83-2	5	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	105-67-9	5	U	5	U	5	U	5	U	5	U
2,4-DINITROPHENOL	51-28-5	10	U	10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	121-14-2	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	606-20-2	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	91-58-7	5	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	95-57-8	5	U	5	UJ	5	U	5	U	5	U
2-METHYLNAPHTHALENE	91-57-6	5	U	5	U	5	U	5	U	5	U
2-METHYLPHENOL	95-48-7	5	U	5	U	5	U	5	U	5	U
2-NITROANILINE	88-74-4	10	U	10	U	10	U	10	U	10	U
2-NITROPHENOL	88-75-5	5	U	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	91-94-1	5	U	5	U	5	UJ	5	U	5	U
3-NITROANILINE	99-09-2	10	U	10	U	10	U	10	U	10	U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	101-55-3	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	59-50-7	0.2	J	5	U	5	U	5	U	5	U
4-CHLOROANILINE	106-47-8	5	U	5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	7005-72-3	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	106-44-5	5	U	5	U	5	U	5	U	5	U
4-NITROANILINE	100-01-6	10	U	10	U	10	UJ	R		10	U
4-NITROPHENOL	100-02-7	10	U	10	U	10	U	10	U	10	U
ACENAPHTHENE	83-32-9	5	U	5	U	5	U	5	U	5	U
ACENAPHTHYLENE	208-96-8	5	U	5	U	5	U	5	U	5	U
ACETOPHENONE	98-86-2	5	U	5	U	5	U	5	U	5	U
ANTHRACENE	120-12-7	5	U	5	U	5	U	5	U	5	U
ATRAZINE	1912-24-9	5	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	100-52-7	5	U	5	UJ	5	U	5	U	5	U
BENZO(A)ANTHRACENE	56-55-3	5	U	5	U	5	U	5	U	5	U
BENZO(A)PYRENE	50-32-8	5	U	5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	205-99-2	5	U	5	U	5	U	5	U	5	U
BENZO(G,H,I)PERYLENE	191-24-2	5	U	5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	207-08-9	5	U	5	U	5	U	5		5	U
BIS(2-CHLOROETHOXY)METHANE	111-91-1	5	U	5	U	5	U	5	U	5	U

Appendix H
Analytical Data Summary - SVOCs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
Sample Location		MW2S		MW2S		MW2S		MW2S		MW2S	
Sample ID		80018-GW-MW2SR-0909		80018-GW-MW2S-1209		80018-GW-MW2S-0310		80018-GW-MW2S-0610		80018-GW-MW2S-1010	
Risk Zone		Z		Z		Z		Z		Z	
Top Depth											
Bottom Depth											
Sample Date		9/3/2009 11:00:00 AM		12/3/2009 9:45:00 AM		3/10/2010 3:28:00 PM		6/23/2010 10:40:00 AM		10/6/2010 10:20:00 AM	
Sample Type		N		N		N		N		N	
Field Duplicate Parent											
Unit		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Bis(2-chloroethyl)ether	111-44-4	5	UJ	5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	U	5	U	2.8	J	5	U	5	U
Butylbenzylphthalate	85-68-7	5	U	5	U	5	U	5	U	5	U
Caprolactam	105-60-2	5	U	5	U	5	U	5	U	5	U
CARBAZOLE	86-74-8	5	U	5	U	5	U	5	U	5	U
CHRYSENE	218-01-9	5	U	5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	53-70-3	5	U	5	U	5	U	5	U	5	U
DIBENZOFURAN	132-64-9	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	84-66-2	5	U	5	U	5	U	1.3	J	5	U
Dimethylphthalate	131-11-3	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	84-74-2	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	117-84-0	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	206-44-0	5	U	5	U	5	U	5	U	5	U
FLUORENE	86-73-7	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	118-74-1	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	87-68-3	5	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	U	5	U	5	U	5	U	5	U
HEXACHLOROETHANE	67-72-1	5	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	193-39-5	5	U	5	U	5	U	5	U	5	U
ISOPHORONE	78-59-1	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	91-20-3	5	U	5	U	5	U	5	U	5	U
NITROBENZENE	98-95-3	5	U	5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	5	U	5	U	5	UJ	5	U	5	U
N-NITROSODIPHENYLAMINE	86-30-6	5	U	5	U	5	U	5	U	5	U
PENTACHLOROPHENOL	87-86-5	10	UJ	10	UJ	10	U	10	UJ	10	U
PHENANTHRENE	85-01-8	5	U	5	U	5	U	5	U	5	U
PHENOL	108-95-2	5	U	5	UJ	5	U	5	U	5	U
PYRENE	129-00-0	5	U	5	U	5	U	5	U	5	U

Notes:
µg/L - Micrograms per Liter (part per billion)
U - Substance was analyed for, but not detected, reporting limit presented
J - Substance concentration is estimated
UJ - Substance was analyed for, but not detected, estimated reporting limit presented
B - Substance was detected in a blank sample
R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Pesticides in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Sample Location	MW1		MW1		MW1		MW1		MW1		MW1		MW1	
	Sample ID	GW-072904-BC-20		80018-GW-MW1-1208		80018-GW-MW1-0309		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209		80018-GW-MW1-0310	
	Risk Zone	B		B		B		B		B		B		B	
	Top Depth														
	Bottom Depth														
	Sample Date	7/29/2004		12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM		3/10/2010 10:35:00 AM	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.15	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.094	U	0.1	U	0.1	U	0.02	J	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.094	U	0.1	U	0.1	U	0.024	J	0.1	U	0.1	U
ALDRIN	309-00-2	0.05	U	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	319-84-6	0.05	U	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.00032	J
alpha-Chordane	5103-71-9			0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	319-85-7	0.05	U	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	319-86-8	0.0092	J	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	60-57-1	0.018	J	0.094	U	0.1	U	0.1	U	0.0045	J	0.1	U	0.0028	J
ENDOSULFAN I	959-98-8	0.05	U	0.047	U	0.05	U	0.05	U	0.00075	J	0.05	U	0.05	U
ENDOSULFAN II	33213-65-9	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	1031-07-8	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	72-20-8	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	7421-93-4	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	53494-70-5	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	58-89-9	0.05	U	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	5103-74-2			0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	76-44-8	0.05	U	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U	0.0021	J
HEPTACHLOR EPOXIDE	1024-57-3	0.05	U	0.047	U	0.05	U	0.05	U	0.0048	J	0.05	U	0.00096	J
METHOXYCHLOR	72-43-5	0.5	U	0.47	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	8001-35-2	2.5	U	4.7	U	5	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Pesticides in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.	
	Sample Location	MW1		MW1		MW13		MW13		MW13		MW13		MW13	
	Sample ID	80018-GW-MW1-0610		80018-GW-MW1-1010		80018-GW-MW13-1208		80018-GW-MW13-0309		80018-GW-MW13-0609		80018-GW-MW13-0909		80018-GW-MW13-1209	
	Risk Zone	B		B		A		A		A		A		A	
	Top Depth														
	Bottom Depth														
	Sample Date	6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM		12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM		6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM		12/3/2009 12:45:00 PM	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U	0.001	J	0.1	U
ALDRIN	309-00-2	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U	0.00068	J	0.05	U
ALPHA-BHC	319-84-6	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.032	J	0.021	J	R		R		0.056	J
BETA-BHC	319-85-7	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U	0.05	U	0.05	UJ
DELTA-BHC	319-86-8	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	60-57-1	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U	0.0092	J	0.1	U
ENDOSULFAN I	959-98-8	0.05	U	0.05	U	0.023	J	0.05	U	0.05	U	R		0.05	U
ENDOSULFAN II	33213-65-9	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	1031-07-8	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	72-20-8	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	7421-93-4	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	53494-70-5	0.1	U	0.1	U	0.094	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.047	U	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	5103-74-2	0.05	U	0.05	U	0.047	U	0.05	UJ	0.05	U	R		0.03	J
HEPTACHLOR	76-44-8	0.05	U	0.05	U	0.047	U	0.05	U	R		0.05	U	0.05	U
HEPTACHLOR EPOXIDE	1024-57-3	0.05	U	0.05	U	0.047	U	0.05	UJ	0.05	U	0.03	J	0.05	U
METHOXYCHLOR	72-43-5	0.5	U	0.5	U	0.47	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	8001-35-2	5	U	5	U	4.7	U	5	U	5	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Pesticides in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW13		MW13		MW13		MW2S		MW2S		MW2S	
	Sample ID	80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010		80018-GW-MW2-1208		80018-GW-MW2-0309		80018-GW-MW2-0609	
	Risk Zone	A		A		A		Z		Z		Z	
	Top Depth												
	Bottom Depth												
	Sample Date	3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM		12/18/2008 11:15:00 AM		3/4/2009 1:05:00 PM		6/15/2009 3:25:00 PM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	50-29-3	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	309-00-2	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U
ALPHA-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U
alpha-Chordane	5103-71-9	0.05	UJ	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U
BETA-BHC	319-85-7	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U
DELTA-BHC	319-86-8	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U
DIELDRIN	60-57-1	0.0032	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN I	959-98-8	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U
ENDOSULFAN II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	72-20-8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	53494-70-5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U
GAMMA-CHLORDANE	5103-74-2	0.019	J	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U
HEPTACHLOR	76-44-8	0.05	U	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	1024-57-3	0.019	J	0.05	U	0.05	U	0.051	U	0.05	U	0.05	U
METHOXYCHLOR	72-43-5	0.5	U	0.5	U	0.5	U	0.51	U	0.5	U	0.5	U
TOXAPHENE	8001-35-2	5	U	5	U	5	U	5.1	U	5	U	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
Pesticides in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW2S		MW2S		MW2S		MW2S		MW2S	
	Sample ID	80018-GW-MW2SR-0909		80018-GW-MW2S-1209		80018-GW-MW2S-0310		80018-GW-MW2S-0610		80018-GW-MW2S-1010	
	Risk Zone	Z		Z		Z		Z		Z	
	Top Depth										
	Bottom Depth										
	Sample Date	9/3/2009 11:00:00 AM		12/3/2009 9:45:00 AM		3/10/2010 3:28:00 PM		6/23/2010 10:40:00 AM		10/6/2010 10:20:00 AM	
	Sample Type	N		N		N		N		N	
	Field Duplicate Parent										
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
4,4'-DDD	72-54-8	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U
4,4'-DDE	72-55-9	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U
4,4'-DDT	50-29-3	0.0021	J	0.1	U	0.1	U	0.1	UJ	0.1	U
ALDRIN	309-00-2	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U
ALPHA-BHC	319-84-6	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U
alpha-Chordane	5103-71-9	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U
BETA-BHC	319-85-7	0.05	U	0.05	UJ	0.0019	J	0.05	UJ	0.05	U
DELTA-BHC	319-86-8	0.05	U	0.05	U	0.0015	J	0.05	UJ	0.05	U
DIELDRIN	60-57-1	0.1	U	0.1	U	0.00074	J	0.1	UJ	0.1	U
ENDOSULFAN I	959-98-8	R		0.05	U	0.001	J	0.05	UJ	0.05	U
ENDOSULFAN II	33213-65-9	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U
ENDOSULFAN SULFATE	1031-07-8	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U
ENDRIN	72-20-8	R		0.1	U	0.1	U	0.1	UJ	0.1	U
ENDRIN ALDEHYDE	7421-93-4	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U
ENDRIN KETONE	53494-70-5	0.1	U	0.1	U	0.0015	J	0.1	UJ	0.1	U
gamma-BHC (Lindane)	58-89-9	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U
GAMMA-CHLORDANE	5103-74-2	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U
HEPTACHLOR	76-44-8	0.05	U	0.05	U	0.003	J	0.05	UJ	0.05	U
HEPTACHLOR EPOXIDE	1024-57-3	0.05	U	0.05	U	0.00041	J	0.05	UJ	0.05	U
METHOXYCHLOR	72-43-5	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U
TOXAPHENE	8001-35-2	5	U	5	U	5	U	5	UJ	5	U

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
PCBs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Sample Location	MW1		MW1		MW1		MW1		MW1		MW1	
	Sample ID	GW-072904-BC-20		80018-GW-MW1-1208		80018-GW-MW1-0309		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209	
	Risk Zone	B		B		B		B		B		B	
	Top Depth												
	Bottom Depth												
	Sample Date	7/29/2004		12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	0.1	UJ	0.94	U	1	U	1	U	1	U	1	U
AROCLOR 1221	11104-28-2	0.2	UJ	0.94	U	1	U	1	U	1	U	1	U
AROCLOR 1232	11141-16-5	0.1	UJ	0.94	U	1	U	1	U	1	U	1	U
AROCLOR 1242	53469-21-9	0.1	UJ	0.94	U	1	U	1	U	1	U	1	U
AROCLOR 1248	12672-29-6	0.1	UJ	0.94	U	1	U	1	U	1	U	1	U
AROCLOR 1254	11097-69-1	0.1	UJ	0.94	U	1	U	1	U	1	U		R
AROCLOR 1260	11096-82-5	0.1	UJ	0.94	UJ	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5			0.94	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4			0.94	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3												

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
PCBs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.	
	Sample Location	MW1		MW1		MW1		MW13		MW13		MW13		MW13	
	Sample ID	80018-GW-MW1-0310		80018-GW-MW1-0610		80018-GW-MW1-1010		80018-GW-MW13-1208		80018-GW-MW13-0309		80018-GW-MW13-0609		80018-GW-MW13-0909	
	Risk Zone	B		B		B		A		A		A		A	
	Top Depth														
	Bottom Depth														
	Sample Date	3/10/2010 10:35:00 AM		6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM		12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM		6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM	
	Sample Type	N		N		N		N		N		N		N	
	Field Duplicate Parent														
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
AROCLOR 1221	11104-28-2	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
AROCLOR 1232	11141-16-5	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
AROCLOR 1242	53469-21-9	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
AROCLOR 1248	12672-29-6	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
AROCLOR 1254	11097-69-1	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
AROCLOR 1260	11096-82-5	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	0.94	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3														

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
PCBs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW13		MW13		MW13		MW13		MW2S		MW2S	
	Sample ID	80018-GW-MW13-1209		80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010		80018-GW-MW2-1208		80018-GW-MW2-0309	
	Risk Zone	A		A		A		A		Z		Z	
	Top Depth												
	Bottom Depth												
	Sample Date	12/3/2009 12:45:00 PM		3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM		12/18/2008 11:15:00 AM		3/4/2009 1:05:00 PM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	1	U	1	U	1	U	1	U	0.94	U	1	U
AROCLOR 1221	11104-28-2	1	U	1	U	1	U	1	U	0.94	U	1	U
AROCLOR 1232	11141-16-5	1	U	1	U	1	U	1	U	0.94	U	1	U
AROCLOR 1242	53469-21-9	1	U	1	U	1	U	1	U	0.94	U	1	U
AROCLOR 1248	12672-29-6	1	U	1	U	1	U	1	U	0.94	U	1	U
AROCLOR 1254	11097-69-1	1	U	1	U	1	U	1	U	0.94	U	1	U
AROCLOR 1260	11096-82-5	1	U	1	U	1	U	1	U	0.94	UJ	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	0.94	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	0.94	U	1	U
Polychlorinated Biphenyls	1336-36-3												

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
PCBs in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW2S		MW2S		MW2S		MW2S		MW2S		MW2S	
	Sample ID	80018-GW-MW2-0609		80018-GW-MW2SR-0909		80018-GW-MW2S-1209		80018-GW-MW2S-0310		80018-GW-MW2S-0610		80018-GW-MW2S-1010	
	Risk Zone	Z		Z		Z		Z		Z		Z	
	Top Depth												
	Bottom Depth												
	Sample Date	6/15/2009 3:25:00 PM		9/3/2009 11:00:00 AM		12/3/2009 9:45:00 AM		3/10/2010 3:28:00 PM		6/23/2010 10:40:00 AM		10/6/2010 10:20:00 AM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
AROCLOR 1016	12674-11-2	1	U	1	U	1	U	1	U	1	U	1	U
AROCLOR 1221	11104-28-2	1	U	1	U	1	U	1	U	1	U	1	U
AROCLOR 1232	11141-16-5	1	U	1	U	1	U	1	U	1	U	1	U
AROCLOR 1242	53469-21-9	1	U	1	U	1	U	1	U	1	U	1	U
AROCLOR 1248	12672-29-6	1	U	1	U	1	U	1	U	1	U	1	U
AROCLOR 1254	11097-69-1	1	U	1	U	1	U	1	U	1	U	1	U
AROCLOR 1260	11096-82-5	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1262	37324-23-5	1	U	1	U	1	U	1	U	1	U	1	U
Aroclor 1268	11100-14-4	1	U	1	U	1	U	1	U	1	U	1	U
Polychlorinated Biphenyls	1336-36-3												

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
AES Total Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Sample Location	MW1		MW1		MW1		MW1		MW1		MW1	
	Sample ID	GW-072904-BC-20		80018-GW-MW1-1208		80018-GW-MW1-0309		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209	
	Risk Zone	B		B		B		B		B		B	
	Top Depth												
	Bottom Depth												
	Sample Date	7/29/2004		12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	500	U	301		200	U	325	J	200	U	2280	
ANTIMONY	7440-36-0	20	UJ										
ARSENIC	7440-38-2	40	UJ										
BARIUM	7440-39-3	18.5		15.5	J	13.6	J	19.7	J	18.6	J	36.9	J
BERYLLIUM	7440-41-7	5	U										
CADMIUM	7440-43-9	10	U										
CALCIUM	7440-70-2	19700		15200		14600		16700		17200		17900	
CHROMIUM	7440-47-3	10	U	10	U	10	U	0.54	J	10	U	2.2	J
COBALT	7440-48-4	10	U										
COPPER	7440-50-8	10	U	25	U	25	U	25	U	25	U	5.1	J
CYANIDE	57-12-5	10	U	10	U	10	U	10	U	10	UJ	1.6	J
IRON	7439-89-6			464	U	172	U	388		171		2850	
LEAD	7439-92-1	10	U	10	U	10	U	10	UJ	10	U	10	U
MAGNESIUM	7439-95-4			4050	J	3870	J	4430	J	4600	J	5300	
MANGANESE	7439-96-5			56.3	J	9.3	J	35.6		10.1	J	129	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ
NICKEL	7440-02-0	10	U	40	U	40	U	40	U	40	U	40	UJ
POTASSIUM	7440-09-7			2160	J	5000	UJ	2340	J	2950	J	3320	J
SELENIUM	7782-49-2	30	UJ										
SILVER	7440-22-4	6	UJ	10	U	10	U	10	U	3	J	10	U
SODIUM	7440-23-5			20300		21300	J	24700	J	27600		28100	
THALLIUM	7440-28-0	40	UJ										
VANADIUM	7440-62-2	6	U										
ZINC	7440-66-6	50	U	60	U	60	U	1.2	J	60	U	6.8	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
AES Total Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		143 Newbury St.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.	
Sample Location		MW1		MW1		MW1		MW13		MW13		MW13		MW13	
Sample ID		80018-GW-MW1-0310		80018-GW-MW1-0610		80018-GW-MW1-1010		80018-GW-MW13-1208		80018-GW-MW13-0309		80018-GW-MW13-0609		80018-GW-MW13-0909	
Risk Zone		B		B		B		A		A		A		A	
Top Depth															
Bottom Depth															
Sample Date		3/10/2010 10:35:00 AM		6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM		12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM		6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM	
Sample Type		N		N		N		N		N		N		N	
Field Duplicate Parent															
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	309		440		88.6	J	200	U	200	U	200	U	446	
ANTIMONY	7440-36-0														
ARSENIC	7440-38-2														
BARIUM	7440-39-3	21.3	J	200	U	17.7	J	8.5	J	5.6	J	200	UJ	9.3	J
BERYLLIUM	7440-41-7														
CADMIUM	7440-43-9														
CALCIUM	7440-70-2	16554		15243		16399		18600		15200		18800		16700	
CHROMIUM	7440-47-3	10	U	10	U	10	U	10	U	10	U	0.72	J	10	U
COBALT	7440-48-4														
COPPER	7440-50-8	25	UJ	25	U	25	U	25	U	25	U	25	U	1.9	J
CYANIDE	57-12-5	10	U	10	U	10	U	10	U	10	U	10	U	10	UJ
IRON	7439-89-6	341		453		184		123	U	100	U	100	U	523	
LEAD	7439-92-1	10	UJ	10	U	10	U	10	U	10	U	10	UJ	10	U
MAGNESIUM	7439-95-4	4443	J	3777	J	4290	J	4250	J	3610	J	4480	J	3930	J
MANGANESE	7439-96-5	15.3		27.4		32		48.9	J	9.8	J	7.1	J	23.1	
MERCURY	7439-97-6	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	2779	J	2775	J	2979	J	2220	J	5000	UJ	1880	J	2360	J
SELENIUM	7782-49-2														
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	30501	J	27857	J	30136	J	37300		29900	J	34200	J	34300	
THALLIUM	7440-28-0														
VANADIUM	7440-62-2														
ZINC	7440-66-6	60	U	60	U	60	U	60	U	60	U	60	U	7.1	J

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
AES Total Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW13		MW13		MW13		MW13		MW2S		MW2S	
	Sample ID	80018-GW-MW13-1209		80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010		80018-GW-MW2-1208		80018-GW-MW2-0309	
	Risk Zone	A		A		A		A		Z		Z	
	Top Depth												
	Bottom Depth												
	Sample Date	12/3/2009 12:45:00 PM		3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM		12/18/2008 11:15:00 AM		3/4/2009 1:05:00 PM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	237		200	U	291		249		285	U
ANTIMONY	7440-36-0												
ARSENIC	7440-38-2												
BARIUM	7440-39-3	5.7	J	6.5	J	200	U	200	UJ	47.3	J	39.7	J
BERYLLIUM	7440-41-7												
CADMIUM	7440-43-9												
CALCIUM	7440-70-2	18700		17908		22024		26682		38400		35600	
CHROMIUM	7440-47-3	0.47	J	10	U	10	U	10	U	10	U	10	U
COBALT	7440-48-4												
COPPER	7440-50-8	25	U	25	U	25	U	1.9	J	25	U	25	U
CYANIDE	57-12-5	10	UJ	10	U	10	U	10	UJ	10	U	1.6	J
IRON	7439-89-6	12.2	J	246		48.1	J	408		17800		30200	
LEAD	7439-92-1	10	U	10	UJ	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	4650	J	4203	J	4943	J	6164		8560		6870	
MANGANESE	7439-96-5	9	J	16.3		20.1		74.6		6740	J	4510	
MERCURY	7439-97-6	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	2190	J	2005	J	2093	J	2861	J	8860	J	5860	J
SELENIUM	7782-49-2												
SILVER	7440-22-4	10	UJ	10	U	10	U	10	U	1.2	J	10	U
SODIUM	7440-23-5	31300		29303	J	31013		42413	J	40000		37600	J
THALLIUM	7440-28-0												
VANADIUM	7440-62-2												
ZINC	7440-66-6	60	U	60	U	60	U	60	U	26.5	J	145	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
AES Total Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW2S		MW2S		MW2S		MW2S		MW2S		MW2S	
	Sample ID	80018-GW-MW2-0609		80018-GW-MW2S-0809		80018-GW-MW2S-1209		80018-GW-MW2S-0310		80018-GW-MW2S-0610		80018-GW-MW2S-1010	
	Risk Zone	Z		Z		Z		Z		Z		Z	
	Top Depth												
	Bottom Depth												
	Sample Date	6/15/2009 3:25:00 PM		8/31/2009 4:20:00 PM		12/3/2009 9:45:00 AM		3/10/2010 3:28:00 PM		6/23/2010 10:40:00 AM		10/6/2010 10:20:00 AM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	317	J	1330		694		223		200	U	325	
ANTIMONY	7440-36-0												
ARSENIC	7440-38-2												
BARIUM	7440-39-3	57.1	J	72.7	J	71.7	J	56.5	J	200	U	73.3	J
BERYLLIUM	7440-41-7												
CADMIUM	7440-43-9												
CALCIUM	7440-70-2	41100		38900		43000		50196		41488		48505	
CHROMIUM	7440-47-3	0.87	J	2.5	J	1.9	J	10	U	10	U	2	J
COBALT	7440-48-4												
COPPER	7440-50-8	25	U	7.3	J	25	U	2.5	J	25	U	25	U
CYANIDE	57-12-5	10	U	10	UJ	10	UJ	10	U	10	U	10	UJ
IRON	7439-89-6	71600		81300		99700		61048		73357		73146	
LEAD	7439-92-1	10	UJ	10	U	10	U	10	U	10	U	10	U
MAGNESIUM	7439-95-4	8150		7650		9550		7943		6507		7462	
MANGANESE	7439-96-5	5590		4120		3650		2864		3067		3244	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	J	0.2	UJ	0.2	U	0.2	U
NICKEL	7440-02-0	7.4	J	4.1	J	31.4	J	2.8	J	40	U	3.5	J
POTASSIUM	7440-09-7	5820	J	8360		6220		5549	J	6346	J	9337	
SELENIUM	7782-49-2												
SILVER	7440-22-4	10	U	10	U	1.2	J	10	U	10	U	10	U
SODIUM	7440-23-5	49100	J	52800		53200		77863	J	67232	J	74911	
THALLIUM	7440-28-0												
VANADIUM	7440-62-2												
ZINC	7440-66-6	54	J	635		59	J	725		251		1012	

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
MS Total Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Sample Location	MW1		MW1		MW1		MW1		MW1		MW1	
	Sample ID	80018-GW-MW1-1208		80018-GW-MW1-0309		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209		80018-GW-MW1-0310	
	Risk Zone	B		B		B		B		B		B	
	Top Depth												
	Bottom Depth												
	Sample Date	12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM		3/10/2010 10:35:00 AM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	UJ	2	U	2	U	2	U
ARSENIC	7440-38-2	1	UJ	0.077	J	0.15	J	1	U	1	U	0.078	J
BERYLLIUM	7440-41-7	1	U	1	U	0.023	J	1	U	1	U	1	U
CADMIUM	7440-43-9	0.038	J	0.039	J	1	UJ	1	UJ	1	UJ	0.069	J
COBALT	7440-48-4	0.25	J	0.17	J	0.3	J	1	UJ	0.78	J	0.19	J
SELENIUM	7782-49-2	0.34	J	0.32	J	5	U	5	U	5	U	0.27	J
THALLIUM	7440-28-0	1	U	0.015	J	1	U	1	UJ	1	U	1	U
VANADIUM	7440-62-2	5	UJ	0.36	J	5	U	0.42	J	0.63	J	5	UJ

Notes:

µg/L - Micrograms per Liter (part per billion)

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J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
MS Total Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.	
	Sample Location	MW1		MW1		MW13		MW13		MW13		MW13	
	Sample ID	80018-GW-MW1-0610		80018-GW-MW1-1010		80018-GW-MW13-1208		80018-GW-MW13-0309		80018-GW-MW13-0609		80018-GW-MW13-0909	
	Risk Zone	B		B		A		A		A		A	
	Top Depth												
	Bottom Depth												
	Sample Date	6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM		12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM		6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	UJ	2	UJ	2	UJ	2	U
ARSENIC	7440-38-2	1	U	1	U	1	UJ	1	U	0.081	J	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1	U	0.028	J	0.13	J	0.1	J	1	UJ	1	UJ
COBALT	7440-48-4	1	U	0.17	J	0.67	J	0.34	J	1	U	1	UJ
SELENIUM	7782-49-2	5	U	5	U	0.5	J	0.4	J	5	U	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	0.015	J	0.012	J	1	UJ
VANADIUM	7440-62-2	5	U	0.62	J	5	UJ	5	UJ	5	U	0.95	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
MS Total Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW13		MW13		MW13		MW13		MW2S		MW2S	
	Sample ID	80018-GW-MW13-1209		80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010		80018-GW-MW2-1208		80018-GW-MW2-0309	
	Risk Zone	A		A		A		A		Z		Z	
	Top Depth												
	Bottom Depth												
	Sample Date	12/3/2009 12:45:00 PM		3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM		12/18/2008 11:15:00 AM		3/4/2009 1:05:00 PM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	U	2	U	2	U	2	U	2	UJ	2	UJ
ARSENIC	7440-38-2	1	U	1	U	1	U	1	U	0.61	J	0.69	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	0.028	J	1	U	0.022	J
CADMIUM	7440-43-9	0.083	J	0.11	J	1	U	0.12	J	0.068	J	1	UJ
COBALT	7440-48-4	0.18	J	0.19	J	0.23	J	0.27	J	11.9		10.5	
SELENIUM	7782-49-2	0.47	J	0.47	J	5	U	5	U	0.84	J	0.89	J
THALLIUM	7440-28-0	1	U	1	U	1	U	1	U	1	U	0.011	J
VANADIUM	7440-62-2	5	U	5	UJ	5	U	0.72	J	5	UJ	0.72	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
MS Total Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW2S		MW2S		MW2S		MW2S		MW2S		MW2S	
	Sample ID	80018-GW-MW2-0609		80018-GW-MW2S-0809		80018-GW-MW2S-1209		80018-GW-MW2S-0310		80018-GW-MW2S-0610		80018-GW-MW2S-1010	
	Risk Zone	Z		Z		Z		Z		Z		Z	
	Top Depth												
	Bottom Depth												
	Sample Date	6/15/2009 3:25:00 PM		8/31/2009 4:20:00 PM		12/3/2009 9:45:00 AM		3/10/2010 3:28:00 PM		6/23/2010 10:40:00 AM		10/6/2010 10:20:00 AM	
	Sample Type	N		N		N		N		N		N	
	Field Duplicate Parent												
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	2.9	J	6		6.5		1.3	J	3.5	J	4.2	J
BERYLLIUM	7440-41-7	1	U	0.032	J	0.035	J	1	U	1	U	1	U
CADMIUM	7440-43-9	1	UJ	1	UJ	1	UJ	0.08	J	1	U	1	UJ
COBALT	7440-48-4	14.3		12.1	J	10.9	J	9.2	J	8		7.5	
SELENIUM	7782-49-2	2.6	J	0.64	J	0.96	J	5	U	5	U	5	U
THALLIUM	7440-28-0	0.011	J	1	UJ	1	U	0.22	J	1	U	1	UJ
VANADIUM	7440-62-2	0.63	J	4.5	J	1.7	J	5	UJ	5	U	0.99	J

Notes:

µg/L - Micrograms per Liter (part per billion)

U - Substance was analyed for, but not detected, reporting limit presented

J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
AES Dissolved Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
	Sample Location	MW1		MW1		MW1		MW1		MW1		MW1		MW1		MW1	
	Sample ID	80018-GW-MW1-1208		80018-GW-MW1-0309		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209		80018-GW-MW1-0310		80018-GW-MW1-0610		80018-GW-MW1-1010	
	Risk Zone	B		B		B		B		B		B		B		B	
	Top Depth																
	Bottom Depth																
	Sample Date	12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM		3/10/2010 10:35:00 AM		6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	81.8	U	200	U	200	U	86.9	J	200	U	103	J	200	U
BARIUM	7440-39-3	12.4	J	12	J	15	J	19.4	J	19.4	J	16.1	J	200	U	16.6	J
CALCIUM	7440-70-2	15200		14400		16300		16400		17500		15684		15758		16507	
CHROMIUM	7440-47-3	0.69	J	10	U	10	U	10	U	0.41	J	10	U	10	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	UJ	25	U	25	U	25	U
IRON	7439-89-6	100	U	100	U	100	U	100	U	109		100	U	100	U	100	U
LEAD	7439-92-1	10	U	10	U	10	UJ	10	U	10	U	10	UJ	4.7	J	10	U
MAGNESIUM	7439-95-4	4020	J	3850	J	4320	J	4430	J	4820	J	4202	J	3773	J	4271	J
MANGANESE	7439-96-5	41.5		0.45	U	15	U	15	U	6	J	15	U	15	U	18.6	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	UJ	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	2080	J	2380	J	2310	J	2870	J	2770	J	2618	J	2753	J	2980	J
SILVER	7440-22-4	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U
SODIUM	7440-23-5	20500		23500		25000	J	28500		27800		30822	J	28129	J	30236	J
ZINC	7440-66-6	60	U	3.9	U	60	U	4	J	60	U	60	U	60	U	60	U

Notes:

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J - Substance concentration is estimated

UJ - Substance was analyed for, but not detected, estimated reporting limit presented

B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
AES Dissolved Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.	
	Sample Location	MW13		MW13		MW13		MW13		MW13		MW13		MW13		MW13	
	Sample ID	80018-GW-MW13-1208		80018-GW-MW13-0309		80018-GW-MW13-0609		80018-GW-MW13-0909		80018-GW-MW13-1209		80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010	
	Risk Zone	A		A		A		A		A		A		A		A	
	Top Depth																
	Bottom Depth																
	Sample Date	12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM		6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM		12/3/2009 12:45:00 PM		3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	93.9	U	171	J	200	U	200	U	200	U	200	U	200	U
BARIUM	7440-39-3	7.7	J	5	J	6.1	J	7.1	J	5.8	J	4.8	J	200	U	200	UJ
CALCIUM	7440-70-2	18500		14400		19300		16500		19400		16765		24118		25875	
CHROMIUM	7440-47-3	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
IRON	7439-89-6	100	U	100	U	169	U	100	U	100	U	100	U	100	U	100	U
LEAD	7439-92-1	10	U	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U
MAGNESIUM	7439-95-4	4220	J	3410	J	4720	J	3800	J	4750	J	3946	J	5763		5869	
MANGANESE	7439-96-5	44.6		8.7	J	12	J	10	J	8.1	J	12.2	J	16		66.4	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	U	0.2	U
NICKEL	7440-02-0	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U
POTASSIUM	7440-09-7	2190	J	2070	J	1920	J	2240	J	2250	J	1839	J	2202	J	2723	J
SILVER	7440-22-4	10	U	10	U	10	U	3.2	J	10	U	10	U	10	UJ	10	U
SODIUM	7440-23-5	37600		32400		34000	J	34600		32000		30289	J	33958	J	41754	J
ZINC	7440-66-6	60	U	3.3	U	60	U	6.1	J	1.2	J	60	U	37.7	J	60	U

Notes:

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Appendix H
Analytical Data Summary
AES Dissolved Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

	Address	72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
	Sample Location	MW2S		MW2S		MW2S		MW2S		MW2S		MW2S		MW2S		MW2S	
	Sample ID	80018-GW-MW2-1208		80018-GW-MW2-0309		80018-GW-MW2-0609		80018-GW-MW2S-0809		80018-GW-MW2S-1209		80018-GW-MW2S-0310		80018-GW-MW2S-0610		80018-GW-MW2S-1010	
	Risk Zone	Z		Z		Z		Z		Z		Z		Z		Z	
	Top Depth																
	Bottom Depth																
	Sample Date	12/18/2008 11:15:00 AM		3/4/2009 1:05:00 PM		6/15/2009 3:25:00 PM		8/31/2009 4:20:00 PM		12/3/2009 9:45:00 AM		3/10/2010 3:28:00 PM		6/23/2010 10:40:00 AM		10/6/2010 10:20:00 AM	
	Sample Type	N		N		N		N		N		N		N		N	
	Field Duplicate Parent																
	Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ALUMINUM	7429-90-5	200	U	90	U	200	U	200	U	8.1	J	200	U	200	U	200	U
BARIUM	7440-39-3	44.4	J	36.2	J	53.9	J	65.2	J	62.7	J	53	J	67.4	J	70	J
CALCIUM	7440-70-2	37500		36100		40300		38300		42300		49203		43379		47489	
CHROMIUM	7440-47-3	0.38	J	10	U	10	U	10	U	0.35	J	10	U	10	U	10	U
COPPER	7440-50-8	25	U	25	U	25	U	25	U	25	U	1.8	J	25	U	25	U
IRON	7439-89-6	16500		29200		71000		75800		94900		57286		75398		71284	
LEAD	7439-92-1	10	U	10	U	10	UJ	10	U	10	U	10	UJ	10	U	10	U
MAGNESIUM	7439-95-4	8330		6660		7980		7220		9270		7635		6770		7172	
MANGANESE	7439-96-5	6570		4490		5400		4060		3780		2807		3192		3236	
MERCURY	7439-97-6	0.2	U	0.2	U	0.2	U	0.2	U	0.42		0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	5.4	J	5.1	J	5.6	J	1.6	J	30.8	J	2.3	J	40	U	3.5	J
POTASSIUM	7440-09-7	8560	J	6430	J	5830	J	7770		6060		5443	J	6638	J	9202	
SILVER	7440-22-4	0.89	J	0.53	J	10	U	4	J	10	U	10	U	10	U	10	U
SODIUM	7440-23-5	39500		42500		49400	J	51100		53500		75629	J	70295	J	74049	
ZINC	7440-66-6	60	U	136		51	J	554		33.7	J	694		253		921	

Notes:

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B - Substance was detected in a blank sample

R - Value is rejected and not usable

Appendix H
Analytical Data Summary
MS Dissolved Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.		143 Newbury St.	
Sample Location		MW1		MW1		MW1		MW1		MW1		MW1		MW1		MW1	
Sample ID		80018-GW-MW1-1208		80018-GW-MW1-0309		80018-GW-MW1-0609		80018-GW-MW1-0909		80018-GW-MW1-1209		80018-GW-MW1-0310		80018-GW-MW1-0610		80018-GW-MW1-1010	
Risk Zone		B		B		B		B		B		B		B		B	
Top Depth																	
Bottom Depth																	
Sample Date		12/18/2008 3:00:00 PM		3/4/2009 4:45:00 PM		6/15/2009 2:35:00 PM		9/3/2009 10:05:00 AM		12/1/2009 3:10:00 PM		3/10/2010 10:35:00 AM		6/25/2010 10:30:00 AM		10/7/2010 3:40:00 PM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	1	UJ	1	U	1	UJ	1	U	1	U	0.071	J	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.031	J	1	UJ	1	UJ	1	UJ	1	UJ	0.069	J	1	U	0.029	J
COBALT	7440-48-4	0.14	J	1	U	1	U	1	UJ	0.12	J	0.094	J	1	U	0.094	J
SELENIUM	7782-49-2	0.45	J	5	U	5	U	5	U	0.25	J	5	UJ	5	U	0.23	J
THALLIUM	7440-28-0	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
VANADIUM	7440-62-2	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	UJ	5	U	0.34	J

Notes:

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R - Value is rejected and not usable

Appendix H
Analytical Data Summary
MS Dissolved Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.		149 Academy Ave.	
Sample Location		MW13		MW13		MW13		MW13		MW13		MW13		MW13		MW13	
Sample ID		80018-GW-MW13-1208		80018-GW-MW13-0309		80018-GW-MW13-0609		80018-GW-MW13-0909		80018-GW-MW13-1209		80018-GW-MW13-0310		80018-GW-MW13-0610		80018-GW-MW13-1010	
Risk Zone		A		A		A		A		A		A		A		A	
Top Depth																	
Bottom Depth																	
Sample Date		12/21/2008 9:40:00 AM		3/4/2009 1:20:00 PM		6/17/2009 3:15:00 PM		9/1/2009 10:38:00 AM		12/3/2009 12:45:00 PM		3/10/2010 11:55:00 AM		6/24/2010 1:40:00 PM		10/4/2010 1:25:00 PM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	1	UJ	1	U	1	U	1	U	1	U	0.1	J	1	U	1	U
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	0.12	J	1	UJ	1	UJ	1	UJ	1	UJ	0.11	J	1	U	0.12	J
COBALT	7440-48-4	0.61	J	0.25	J	1	U	1	UJ	0.17	J	0.17	J	1	U	0.16	J
SELENIUM	7782-49-2	0.53	J	5	U	5	U	5	U	0.37	J	0.4	J	5	U	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
VANADIUM	7440-62-2	5	UJ	5	UJ	0.37	J	5	UJ	5	U	5	UJ	5	U	5	U

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Appendix H
Analytical Data Summary
MS Dissolved Metals in Upgradient Groundwater Samples
Scovill Industrial Landfill
Waterbury, Connecticut

Address		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.		72 Dallas Ave.	
Sample Location		MW2S		MW2S		MW2S		MW2S		MW2S		MW2S		MW2S		MW2S	
Sample ID		80018-GW-MW2-1208		80018-GW-MW2-0309		80018-GW-MW2-0609		80018-GW-MW2S-0809		80018-GW-MW2S-1209		80018-GW-MW2S-0310		80018-GW-MW2S-0610		80018-GW-MW2S-1010	
Risk Zone		Z		Z		Z		Z		Z		Z		Z		Z	
Top Depth																	
Bottom Depth																	
Sample Date		12/18/2008 11:15:00 AM		3/4/2009 1:05:00 PM		6/15/2009 3:25:00 PM		8/31/2009 4:20:00 PM		12/3/2009 9:45:00 AM		3/10/2010 3:28:00 PM		6/23/2010 10:40:00 AM		10/6/2010 10:20:00 AM	
Sample Type		N		N		N		N		N		N		N		N	
Field Duplicate Parent																	
Unit		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	**CAS No.**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
ANTIMONY	7440-36-0	2	UJ	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U
ARSENIC	7440-38-2	0.63	J	0.62	J	2.9	J	5.3		4.7		1.1	J	3.6	J	3.5	J
BERYLLIUM	7440-41-7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CADMIUM	7440-43-9	1.4	J	1	UJ	1	UJ	1	UJ	1	UJ	0.091	J	1	U	1	UJ
COBALT	7440-48-4	11.8		10.7		14.7	J	11.5	J	10.2	J	9	J	7.6		7.3	
SELENIUM	7782-49-2	0.82	J	5	U	2.7	J	5	U	0.6	J	5	U	5	U	5	U
THALLIUM	7440-28-0	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	UJ
VANADIUM	7440-62-2	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	UJ	5	U	5	U

Notes:

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APPENDIX I

Engineering a Sustainable Future

EPA Region 1 RAC 2 Contract No. EP-S1-06-03

May 8, 2011
Nobis Project No. 80017
MA-3135-2011-F

Via Electronic Submittal

U.S. Environmental Protection Agency, Region 1
Attention: Ms. Almerinda Silva, Task Order Project Officer
5 Post Office Square
Boston, Massachusetts 02109-3912

Subject: Updated Assessment of Soil SPLP Data
Scovill Industrial Landfill RI/FS
Task Order No. 0018-RICO-017F

Dear Ms. Silva:

This letter presents an updated evaluation of the soil SPLP results from the March-April 2011 sampling round conducted at the Scovill Industrial Landfill (Site) to evaluate whether Site soil or fill complies with the Connecticut Remediation Standard Regulations (RSRs) Pollutant Mobility Criteria (PMC). This letter supplements the previous evaluation documented in the April 25, 2011 correspondence from B. Allen to A. Silva.

Previous Evaluation

As a preliminary evaluation, the SPLP data for VOCs, SVOCs, pesticides, and were compared with 10 x GA Ground Water Protection Criteria (per 22a-133k-2 (c) (D)). SPLP data for metals were compared with the limits presented in Appendix B of the RSRs for the GB Mobility Criteria.

Exceedances are noted for a discrete detections of trichloroethene (TCE), bis(2-ethylhexyl)phthalate (BEHP), lead, and vanadium (see Table A).

Table A
Sample Locations and PMC Exceedances

Boring Location	Risk Area	> 10xGA GWPC		> GB PMC	
		TCE	BEHP	Lead	Vanadium
SB194-0410	H	X	X		
SB200-0410	D3		X		
SB190-0410	E1			X	X
SB192-0410	D1				X
SB196-0410	F			X	
SB198-0410	G			X	
SB202-0410	I				X

Nobis Engineering, Inc.
18 Chenell Drive
Concord, NH 03301
T (603) 224-4182

Nobis Engineering, Inc.
585 Middlesex Street
Lowell, MA 01851
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Updated Assessment

Section 22a-133k-2(e)(2)(A)(iii) allows the use of the 95% of the upper confidence level (UCL) of the arithmetic mean of the analytical results as an alternative approach to evaluating compliance with the RSRs. Using the ProUCL software, the 95% UCL values for TCE, BEHP, lead, and vanadium were developed and are compared to the appropriate allowable PMC limits, as presented in Table B. The ProUCL results are presented in Attachment 1.

TABLE B

ASSESSMENT OF 95% UCL OF SPLP RESULTS

Analyte	95% UCL of the SPLP Results (ug/L)	Basis for UCL Selection	PMC Value (ug/L)	Basis of PMC Value	95% UCL > PMC?
Trichlorethene	31.19	97.5% KM (Chebyshev) UCL; no discernable distribution	50	10 x GA GWPC	No
Bis(2-ethylhexyl) phthalate	29.53	(95% KM (t) UCL; normal distribution	20	10 x GA GWPC	Yes
Lead	99.82	gamma distribution (95% Approximate Gamma UCL)	150	GB PMC	No
Vanadium	1328	distribution was not discernable (99% KM (Chebyshev) UCL)	500	GB PMC	Yes

TCE and Lead SPLP Assessment

The 95% UCL for TCE and lead are below their respective allowable PMC limits, and therefore comply with the RSRs.

BEHP SPLP Assessment

The BEHP GA GWPC is 2 ug/L, which appears to be low, considering that the federal Maximum Contaminant Level (MCL) is 6 ug/L while the EPA's risk-based Regional Screening Level (RSL) is 4.8 ug/L for tapwater (which is equivalent to a cancer risk of 1 E-06). It is unclear why the GA GWPC is lower than either the MCL or the RSL.

An alternative risk-based PMC for BEHP can be developed using 10 x the RSL, which would be 10 x 4.8 ug/L or 48 ug/L. The 95% UCL for BEHP SPLP (29.53 ug/L) would be below this alternative PMC value, and would be protective of groundwater quality and human health.

It is recommended that the alternative PMC that is risk-based (10 x RSL) be used, as allowed by 22a-133k-2(d)(5) of the RSRs, to demonstrate that BEHP will not pose a threat to groundwater quality.

Vanadium SPLP Assessment

The vanadium GA GWPC is 50 ug/L. There is no MCL for vanadium. There are multiple tapwater RSLs for vanadium, as presented in Table C.

Table C		
Analyte	**CAS No.**	**Tapwater RSL (ug/L)**
Vanadium Pentoxide	1314-62-1	330
Vanadium Sulfate	36907-42-3	730
Vanadium and Compounds	NA	180
Vanadium, Metallic	7440-62-2	2.6

It is unclear which type of vanadium the GA GWPC was based on. It is highly unlikely that the vanadium present in the coal ash is in the metallic form, but would likely be a vanadium compound such as vanadium pentoxide that is formed through coal combustion. Vanadium is present in coal and in coal ash. The lowest non-metallic RSL value is 180 ug/L for "vanadium and compounds." It should be noted that the Human Health Risk Assessment uses the toxicity factors associated with "vanadium and compounds" from the RSL tables.

An alternative risk-based PMC for vanadium can be developed using 10x the RSL of 180 ug/L (or 1800 ug/L). The 95% UCL for vanadium SPLP (1328 ug/L) would be below this alternative PMC limit, and would be protective of groundwater quality and human health. It is recommended that the use of 10x the non-metallic RSL be used as an alternative PMC limit to demonstrate compliance, which is allowable under 22a-133k-2(d)(5) of the RSRs.

It is recommended that the alternative PMC that is risk-based (10 x RSL for vanadium and compounds) be used, as allowed by 22a-133k-2(d)(5) of the RSRs, to demonstrate that vanadium will not pose a threat to groundwater quality.

Summary

The 95% UCL values for TCE and lead are both below their respective allowable PMC limits, and therefore comply with the RSRs.

Using alternative PMC limits that are risk-based, the 95% UCL values for BEHP and vanadium in the fill materials would also comply with the RSRs.

If you have any questions or comments, please contact me at (978) 703-6006 or ballen@nobiseng.com.

Sincerely,

NOBIS ENGINEERING, INC.

Boyd Allen III, P.G.
Sr. Project Manager

c: S. Gleason, CT DEP
M. Harvey, CT DOH
L. Chu, Nobis

File 80018/MA

APPENDIX J

Engineering a Sustainable Future

EPA Region 1 RAC 2 Contract No. EP-S1-06-03

September 23, 2011
Nobis Project No. 80018

Via Electronic Submittal

U.S. Environmental Protection Agency, Region 1
Attention: Ms. Almerinda Silva
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3919

Subject: PAHs in Urban and Historic Fill
Scovill Industrial Landfill Superfund Site, Waterbury, Connecticut
Remedial Investigation/Feasibility Study
Task Order No. 0018-RICO-017F

Dear Ms. Silva:

Enclosed please find an assessment of polycyclic aromatic hydrocarbons (PAHs), their presence in historic and urban fill, and how PAH concentrations in Scovill soil compare with PAH levels found in anthropogenic background settings.

If you have any questions, please contact me at (978) 703-6006 or ballen@nobiseng.com.

Sincerely,

NOBIS ENGINEERING, INC.

Boyd Allen III, P.G.
Senior Project Manager

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PAHS IN URBAN AND HISTORICAL FILL
SCOVILL INDUSTRIAL LANDFILL SUPERFUND SITE
WATERBURY, CONNECTICUT
SEPTEMBER 2011

1.0 INTRODUCTION

The U. S. Environmental Protection Agency (EPA) requested Nobis Engineering, Inc. (Nobis) to provide an overview of polycyclic aromatic hydrocarbons (PAHs) presence in urban and historical fill, and contrast the information with soil data from the Scovill Industrial Landfill Site (Site) to support the completion of the Feasibility Study. The issue of natural vs. anthropogenic background was also examined as part of this evaluation.

Based on historical information, PAHs present in Site soils are predominantly the result of past ash disposal by the Scovill Manufacturing Company (Nobis, 2008). PAHs also represent the significant contributors to carcinogenic risks based on the results of the Human Health Risk Assessment (Nobis, 2011). This letter report evaluates whether PAHs present at the Site are consistent with PAH levels found in urban or historical fill at other sites. Results of the assessment can be used to determine appropriate response actions that are protective of human health.

2.0 BACKGROUND AND CERCLA

Under the EPA's Superfund program, a variety of directives and documents have been published to provide guidance on how to address chemicals found in the background that may have impacts on the risk assessment results or in remedy selection. Specifically, OSWER 9285.6-07P, Policy Statement, *Role of Background in CERCLA Cleanup Program*, provides guidance in considering background in the risk management decision process (EPA, 2002). This Policy Statement states that the CERCLA program "generally does not clean up to concentrations below natural or anthropogenic background levels." Background is defined as "…constituents or locations that are not influenced by releases from a site." Under OSWER 9285.6-07P, the following definitions of background are provided:

1. Anthropogenic – natural and man-made substances present in the environment as a result of human activities (not specifically related to the CERCLA release in question); and

2. Naturally occurring – substances present in the environment in forms that have not been influenced by human activity.

For the Site, which received ash from the Scovill Manufacturing Company, the PAHs present in soil are part of the anthropogenic activities associated with the modern industrial age. The ash was used as fill in a low-lying area, to increase the grade so the parcel could be re-sold for future development.

3.0 POLYCYCLIC AROMATIC HYDROCARBONS

This section presents an overview of PAH sources, specific PAHs of interest, and the presence of PAHs in asphalt pavement and road dusts. Table 2 summarizes PAH concentrations found in various asphalt pavement and dusts.

3.1 PAH Sources

The Agency for Toxic Substances and Disease Registry (ATSDR) indicates that there are over 100 PAH compounds that could be formed as the result of the incomplete combustion of fossil fuels (e.g., coal, wood, oil, gas, and garbage), or organic substances such as tobacco and charbroiled meat. The combustion byproducts (e.g., soot) are typically mixtures of PAHs rather than single compounds. PAHs are also manufactured as single compounds for use in the manufacturing of various products including dyes, and plastics. PAHs are also present in the asphalt used for road pavement, in coal tar and roofing pitch (ATSDR, 1995). PAHs are also present in tires, motor oil and lubricant, and road dust (Kose et al., 2007). Tire particles, erosion of the asphalt pavement, and atmospheric deposition also contribute to PAHs presence in road dust (Mahler et al., 2005). Natural sources of PAHs include forest fires and volcanic eruptions (Mauro et al., 2006).

3.2 Specific PAHs of Interest

Of the more than 100 PAHs, 17 (Table 1) were chosen by the ATSDR based on toxicological profiles. These PAHs are of interest because: 1) there is information available concerning these chemicals; 2) they are suspected to be more harmful and exhibit characteristics representative of the other PAHs; and 3) there is a greater chance for public exposure to these PAHs than the others because these PAHs have been detected at elevated concentrations at Superfund sites (ATSDR, 1995). Nine of these PAHs are identified as category B2, probable human carcinogen.

3.3 PAHs in Asphalt

As part of this evaluation, articles and documents concerning asphalt were also reviewed. Because asphalt is used as a component of pavement, its potential impact to underlying soil and its use as a possible cover material in a future response action was assessed.

Asphalt is a mixture of many chemical compounds derived either from naturally occurring bituminous materials or synthesized through the fractional distillation of petroleum. Asphalt contains aliphatic hydrocarbons, mononuclear aromatics, and PAHs. Asphalt paving materials typically consist of asphalt [5-10% by weight, or 50,000 mg/Kg to 100,000 mg/Kg], which is used as a binder, and aggregate/sand (90-95% by weight). Acenaphthene, anthracene, benz[a]anthracene, benzo[a]pyrene, benzo[e]pyrene, benzo[k]fluoranthene, phenanthrene, and pyrene are typical PAHs present in asphalt. Benzo[a]pyrene, the most toxic PAH, can be present in asphalt up to 0.027% by weight [or 270 mg/Kg] (Irwin et al., 1997).

Information on the actual content of benzo[a]pyrene in asphalt is limited. In one citation, primary PAHs detected in asphalt were benzo[b]fluoranthene, benzo[a]pyrene, phenanthrene, indeno[1,2,3-c,d]pyrene, dibenz[a,h]anthracene, and benzo[g,h,i]perylene, with average concentrations of 10.2 - 20.7 mg/kg; however, the PAHs acenaphthene and acenaphthylene were not detected. Naphthalene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, chrysene, benz[a]anthracene, and benzo[k]fluoranthene were present in average concentrations amounting to less than 10 mg/kg (Fernandes et al., 2009).

Studies indicate that PAHs are present in the asphalt used to create asphalt pavement. As the asphalt pavement wears, a variety of compounds, including PAHs, can be released.

3.4 PAHs in Road Pavement and Dusts

Various studies have been completed by researchers to assess the presence of PAHs in roadways, their leachability, and contribution to runoff. One study identified sources of PAHs in road dust including: tires (93.1 mg/Kg), asphalt pavement (3.56 mg/Kg), fuel oil (0.089 mg/Kg), lubricants (0.78), and particles from vehicle exhausts (1.5 mg/Kg). The study indicated typical road dust PAH levels of 45.8 mg/Kg (Kose et al., 2007). [Note: these PAH concentrations are from the actual source particles, and are not representative of soil concentrations]

The U.S. Geological Survey (USGS) evaluated the contribution of PAHs by sealcoats applied to asphalt pavement. As part of that evaluation, samples of free particulates were collected from the surfaces of unsealed asphalt pavement and from asphalt pavements sealed with coal tar-based sealcoats and asphalt-based sealcoats. The unsealed asphalt samples yielded a mean concentration of 54 mg/Kg of total PAHs. Mean concentrations for particles obtained from asphalt-based sealcoats and coal tar-based sealcoats were 620 mg/Kg and 3,500 mg/Kg, respectively (Mahler et al., 2005). [Total PAHs for this evaluation was the sum of 13 selected PAH concentrations. Similar to the above cited study by Kose et al., 2007, these PAH concentrations are from the actual source particles, and are not representative of soil concentrations].

One study provided information regarding rural and urban road dusts in the greater Pittsburgh area, and contribution of PAHs in the samples. The urban dust samples contained higher PAH levels than were found in the rural road dust samples. The urban PAHs were attributed to combustion of gasoline, natural gas, and wood combustion (Robinson et al., 2005). PAHs detected in the urban road dust samples as components of the organic carbon (OC) found in the dusts included: benzo[a]pyrene (~50 mg/Kg OC); benzo[a]anthracene (~45 mg/Kg OC), benzo[b]fluoranthene (~110 mg/Kg OC), benzo[k]fluoranthene (~45 mg/Kg OC), dibenz[a,h]anthracene (~10 mg/Kg OC) , and indeno(1,2,3-cd)pyrene (~90 mg/Kg OC) [Note: In this study, the OC represented approximately 13% of the dust mass].

These studies indicate that there is a continual, measurable deposition of PAHs to the ground surface as the result of fuel combustion by vehicles and other combustion sources, as well from the abrasion of asphalt pavement.

4.0 URBAN AND HISTORIC FILL

Multiple references discuss the issue of “historic fill” present in the subsurface of urban and industrial areas. Historic fill can be described as wood and coal ash, demolition debris [e.g. glass, brick, wood, etc.], dredged spoils, and other industrial byproducts that were used to fill low-lying areas (Davis et al., 2006; NYCSSS, 2005). Urban soil will also have non-soil types of materials including glass, Various studies (Wang et al., 2008) have shown that urban soil will have higher concentrations of PAHs than rural soil, and that urban soil PAHs are mainly of pyrolitic origin (i.e., combustion of fossil fuels by mobile and stationary sources). Ash and clinkers were also used as deicing and snow removal agents through the 1940s.

In one study, urban surface soil samples were obtained from populated areas in New York State, Illinois, a western state (unnamed), and from the city of Chicago to evaluate PAHs presence. Mean concentrations for various PAHs based on a 319-sample set were: naphthalene (70 µg/Kg); pyrene (780 µg/Kg); benz[a]anthracene (460 µg/Kg); benzo[a]pyrene (495 µg/Kg); indeno[1,2,3-c,d]pyrene (340 µg/Kg), and dibenz[a,h]anthracene (125 µg/Kg) (Mauro et al., 2006).

One reference (Mauro et al., undated) indicated that modeling results estimated the impact long-term aerial deposition of PAH-containing particulates to surficial soil may result in accumulation of phenanthrene (10 µg/Kg), pyrene (83 µg/Kg), and benzo[a]pyrene (150 µg/Kg).

Another study found the average of total 17 PAHs in Detroit urban soil to be 7,800 µg/Kg while New Orleans urban soil was 5,100 µg/Kg (Wang et al., 2008).

Several studies were completed to evaluate PAH concentrations in Massachusetts. One study collected 60 urban soil samples from three cities and identified mean total PAHs of 18.36 mg/Kg (Bradley et al., 1994).

As part of the Central Artery/Tunnel Project in Boston, Massachusetts, over 8,000 soil samples were collected and analyzed for a comprehensive suite of chemicals to characterize the nature of the urban fill that would need to be excavated and disposed of as part of this massive

construction undertaking. This study identified a geometric mean concentration of 2,700 µg/Kg for the total of 17 PAHs based on the results from 873 urban soil samples (Chin et al., 2005).

Review of the literature indicates that ash (containing PAHs and metals) are frequently found in fill throughout areas that previously had major industrial activities, and the ash had been used to fill low-lying areas to support subsequent development.

5.0 REGULATORY APPROACHES TO PAHS IN BACKGROUND

Regulations and policies from several states that previously had significant past industrial activities (including fuel combustion and ash disposal) were reviewed to see how historical and urban fill and PAHs are addressed. These states were selected because they have had past industrial activities where ash disposal occurred and PAHs are commonly detected at levels that are above default risk-based concentrations. The approaches used by various states can be considered in addressing Scovill historical fill and PAHs.

Massachusetts

Background is defined in the state regulation 310 CMR 40.0006 as "those levels of oil and hazardous materials that would exist in the absence of the disposal site of concern which are either … (b) attributable to coal ash or wood ash associated with the fill material…"

The Commonwealth of Massachusetts evaluated the background level of PAHs in soil based on data available in its own files and data sets accumulated from other studies. For background soil concentrations, the Massachusetts Department of Environmental Protection (MassDEP) allows 2 mg/Kg of benzo[a]pyrene for "natural" soil, and 7 mg/Kg for soil that contains coal or wood ash.

In a Technical Update, the MassDEP states that both M.G.L. Chapter 21E and the Massachusetts Contingency Plan (310 CMR 40.0000) do not require remediation of chemicals present at background levels. However, the MassDEP does encourage mitigation measures to potential exposures (MassDEP, 2002).

New Jersey

The State of New Jersey under N.J.A.C. 7:26E, *Technical Requirements For Site Remediation*, states that "historic fill material means non-indigenous material, deposited to raise the topographic elevation of the site, which was contaminated prior to emplacement, and is in no way connected with the operations at the location of emplacement and which includes, without limitation construction debris, dredge spoils, incinerator residue, demolition debris, fly ash, or non-hazardous solid waste." Appendix D to this regulation provides a Historic Fill Database, which presents the minimum, maximum, and average concentrations for various PAHs and metals. Appendix D of N.J.A.C. 7:26E identifies minimum, maximum, and average benzo[a]pyrene concentrations as 0.02 mg/Kg, 120 mg/Kg, and 1.89 mg/Kg, respectively.

To support the "Brownfield and Contaminated Site Remediation Act" (N.J.S.A. 58:10B-1 et seq.), the New Jersey Department of Environmental Protection (NJDEP) has mapped regions (5 acres or greater) in the state where historical fill exists and make the information available to the public (Fields et al., 1993).

NJDEP acknowledges the presence of historic fill and provided streamlined approaches to characterizing and addressing the historic fill under their remediation program. Specifically, if a parcel is located within an area designated to have historical fill, the owner can use the default chemical characterization data (assuming supporting information to demonstrate historic fill is present).

To address the issue of historical fill, N.J.A.C. 7:26D-1.2(e) states that "… remediation shall not be required to remediate to a level or concentration that is lower than the regional natural background level." Regional natural background level is defined to mean " … the concentration of a contaminant consistently present in the environment in the region of the site and which has not been influenced by localized human activities." New Jersey allows the use of the Historic Fill Database chemical concentrations to represent the "regional natural background levels," which include PAHs and various metals.

Illinois

For this state, under 415 ILCS 5/58.2, the term "Area Background" means "…concentrations of regulated substances that are consistently present in the environment in the vicinity of a site that

are the result of natural conditions or human activities, and not the result solely of releases at the site". Due to the highly urbanized nature and past and current industrial activities of the City of Chicago, area background concentrations for PAHs and metals were developed.

A City of Chicago Department of the Environment summary cited two studies (*"Polynuclear Aromatic Hydrocarbon Background Study, City of Chicago"* and *Final Report on Background PAHs in Surface Soil in Illinois [EPRI]*) and indicated that the Illinois Environmental Protection Agency approved background concentrations for the City and the associated Metropolitan Statistical Area (MSA), which are presented in Appendix A, Table H of Title 35, Section 742.400. The allowable background benzo[a]pyrene concentrations for Chicago and its MSA are 1.3 and 2.1 mg/Kg, respectively (City of Chicago, undated).

Connecticut

The Remediation Standard Regulations [RSRs] (22a-133k-1) define "Background concentration for soil" to mean "…the representative concentration of a substance in soil of similar texture and composition outside the subject release area and in the general geographic vicinity of such release area, but not within any other release area."

The RSRs provide allowable soil PAH concentrations for the Residential and Industrial/Commercial Direct Exposure Criteria (DEC), which are listed in Appendix A to this regulation. The RSRs do not specify any specific allowances if historical or urban fill are encountered.

However, the RSRs [22a-133k-2 (c) (4)] indicate that the Pollutant Mobility Criteria (PMC) do not apply if the fill is polluted with coal ash, coal fragments, asphalt paving fragments, or any combination thereof. In effect, the RSRs acknowledge the presence of ash fill and do not require remediation to below the anthropogenic background for the PMC.

Risk Consideration

Table 3 provides a summary of the allowable PAH concentrations based on state regulations or policies. For comparison purposes, the EPA's Regional Screening Levels risk-based concentrations (assuming 1E-06 cancer risk) (EPA, 2011) are also presented. The summary demonstrates how various states with historical fill have made allowances for PAHs by

establishing regulatory numerical limits that address widespread ash and PAHs presence. Comparison of regulatory limits with the RSLs indicates that the allowable PAH concentrations are set at levels that are higher than 1E-06 cancer risk. For example, Massachusetts has an allowable benzo[a]pyrene level for natural soil at 2 mg/Kg and for soil with ash at 7 mg/Kg, which are equivalent to 1.3E-04 and 4.7 E-04 cancer risks, respectively.

Summary

Past industrial activities throughout the U.S. have resulted in the use of ash (and other waste products) as fill for large expanses of low-lying areas. However, various state regulatory agencies recognize this phenomenon and have developed regulations and guidelines to address the historic and urban fill, and recognize the past land disposal of ash as anthropogenic background. The states also allow remediation to anthropogenic background levels.

6.0 SCOVILL PAHS

For this evaluation, the Scovill soil PAHs data collected during the Remedial Investigation were evaluated to determine whether PAH concentrations in Site soils were within or outside of the range of PAHs typically associated with historical and urban fill.

The Human Health Risk Assessment (Nobis, 2011) for the Site identified six PAHs as primary contributors to cancer risk including:

- benz[a]anthracene,
- benzo[a]pyrene,
- benzo[b]fluoranthene,
- benzo[k]fluoranthene,
- dibenz[a,h]anthracene, and
- indeno(1,2,3-cd)pyrene.

Site Soil PAH Averages

The Scovill soil PAHs data, by risk areas (as designated in the HHRA), are presented in Table 4. The average concentrations of the six PAHs (for all 10 risk areas) of concern for surficial soil (0 to 2 feet below ground surface [bgs]) and for aggregate soil (2 to 10 feet bgs) data are

presented in Table 4. For Area I, the average PAH concentrations are biased high because of several high concentration samples. To address this bias, the average PAH concentrations were recalculated without Area I.

Review of Table 4 indicates that the average surface concentrations for all 10 areas are lower than the average aggregate concentrations, which indicates higher PAH concentrations in the subsurface. These results are consistent with the historical ash disposal at the Site used to fill the valley, and subsequent mixing and grading with native soil.

The Site PAH average concentrations (without Area I data) are comparable to average historical and urban fill data from other states (MA, NJ, IL as presented in Table 3), and can be considered as part of the anthropogenic background.

Comparison with Area Z Averages

The average PAHs data for Area Z were also included for evaluation purposes. Area Z samples represent locations that were outside of the area where historical ash filling by the Scovill Manufacturing Company likely occurred, based on an analysis of the historical aerial photographs of the Site. In effect, Area Z PAH averages represent the urban background concentrations for locations not affected by the historical Scovill ash disposal at the Site.

Table 4 indicates that PAHs are present outside of the ash disposal areas associated with the Scovill Site. For most of the PAHs (except dibenz[a,h]anthracene), the aggregate averages are lower than the surface averages. Area Z averages are lower than the Site averages, when surface and aggregate values are compared. Area Z results can be considered to be suitable as site-specific background for the Scovill Site.

Comparison with RSR DECs

In general, the average surface PAH concentrations (without Area I) are compliant with the RSR DECs, while the average aggregate concentrations are higher.

7.0 SUMMARY AND CONCLUSIONS

The review of available literature and evaluation of the Site data resulted in these findings:

- In general, ash has historically been used as fill to dispose of combustion byproducts and to fill in low-lying areas to facilitate development in various industrialized and urban areas. PAHs are currently ubiquitous in the environment as the results of fossil fuel combustion and other anthropogenic activities.

- PAHs, specifically the six that comprise the principal contributors to carcinogenic risk for the Scovill Site, are present in asphalt used to generate asphaltic pavement.

- PAHs are present in road dusts that originate from vehicle emissions and the wearing of tires and asphalt road surfaces.

- Several states acknowledge the historical use of ash for fill, and provide allowable numerical concentrations that are higher than the conservative 1E-06 conservative risk-based concentrations.

- Remediation to anthropogenic background levels is acceptable in states that take into consideration the presence of historical and urban fill.

- Review of average Site soil PAH concentrations indicate that these levels are comparable to historical fill PAH concentrations identified in other states.

- Area Z data indicate PAH concentrations in the non-Site areas are measureable and may contribute to the total PAHs presence in Site soils.

Based on these finding, these conclusions can be made:

- Area Z results could be used to develop site-specific PAH anthropogenic background concentrations because this area was unlikely the recipient of ash disposal by the Scovill Manufacturing Company.

- PAHs in particulate form are generated by vehicular traffic from gasoline and diesel combustion, and by the abrasion of asphalt pavements and tires.

- Even if a remedial action is completed that renders the Site soil inaccessible, there will still be PAHs present in particulate form on the ground surface (from vehicular traffic and asphalt pavement) that could be comparable to the soil PAH concentrations.

- The Feasibility Study (FS) should consider anthropogenic background consistent with various EPA guidances. While PAHs are the primary contributors to potential carcinogenic risks, these chemicals are also ubiquitous in the urban environment.

- For the FS, Area Z should be considered as the site-specific background location to establish acceptable levels based on anthropogenic contribution to PAHs in soil. Then potential risks in excess of the site-specific background levels can be evaluated to determine whether response actions will be required.

- If response actions are required, assess whether placement of new asphalt pavement in risk areas designated for remediation will be more protective of human health than potential exposure to PAHs in Site soils.

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TABLES

Table 1
List of PAHs of Interest Selected by ATSDR
Scovill Landfill Industrial Site
Waterbury, Connecticut

PAHs of Interest	
• Acenaphthene (D)	• Benzo[k]fluoranthene (B2)
• Acenaphthylene (D)	• Chrysene (B2)
• Anthracene (D)	• Dibenz[a,h]anthracene (B2)
• Benz[a]anthracene(B2)	• Fluoranthene (D)
• Benzo[a]pyrene (B2)	• Fluorene (D)
• Benzo[e]pyrene (B2)	• Indeno[1,2,3-c,d]pyrene (B2)
• Benzo[b]fluoranthene (B2)	• Phenanthrene (D)
• Benzo[g,h,i]perylene (D)	• Pyrene (D)
• Benzo[j]fluoranthene (B2)	

Source: Integrated Risk Information System. Carcinogenicity Assessment for Lifetime Exposure:
B2 – probable human carcinogen
D – not classifiable as to human carcinogenicity.

Table 2
Summary of PAHs in Asphalt and Road Dust
Scovill Landfill Industrial Site
Waterbury, Connecticut

Information Source [1]	Application	Total PAHs	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd) pyrene
PAHs in Asphalt								
Irwin et al., 1997.	PAHs in asphalt pavement (5-10% by weight)	50,000 to 100,000	NA	270	NA	NA	NA	NA
Fernandes et al., 2009	PAHs in asphalt	NA	< 10	NA	NA	< 10	NA	NA
PAHs in Road Pavement and Dusts								
Kose et al., 2007	Road dust	45.8	NA	NA	NA	NA	NA	NA
Kose et al., 2007	Tires	93.1	NA	NA	NA	NA	NA	NA
Kose et al., 2007	Asphalt pavement	3.56	NA	NA	NA	NA	NA	NA
Kose et al., 2007	Fuel Oil	0.089	NA	NA	NA	NA	NA	NA
Kose et al., 2007	Lubricants	0.78	NA	NA	NA	NA	NA	NA
Kose et al., 2007	Vehicle exhaust particulates	1.5	NA	NA	NA	NA	NA	NA
Mahler et al., 2005	Free particulates - unsealed pavement	54	NA	NA	NA	NA	NA	NA
Mahler et al., 2005	Free particulates - asphalt based sealcoats	620	NA	NA	NA	NA	NA	NA
Mahler et al., 2005	Free particulates - coal based sealcoats	3,500	NA	NA	NA	NA	NA	NA
Robinson et al., 2005	Urban road dusts (as constituent of the Organic Carbon, which was ~13% of the road dust mass)	NA	~45	~50	~110	~45	~10	~90

Notes:
[1] See reference list in letter report.
All units in mg/Kg

Table 3
Summary of PAH Concentrations in Regulations
Scovill Landfill Industrial Site
Waterbury, Connecticut

Information Source	Application	Total PAHs	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd) pyrene
Regulatory Criteria and Considerations (1)								
Massachusetts - Technical Update	Natural Soil	NA	2	2	2	1	0.5	1
Massachusetts - Technical Update	Soil Containing Wood Ash or Coal Ash	NA	9	7	8	4	1	3
New Jersey Title 7, Appendix D	Historic Fill Materials Database - Average Conc.	NA	1.37	1.89	1.91	1.79	1.24	1.41
New Jersey Title 7, Appendix D	Historic Fill Materials Database - Max. Conc.	NA	160	120	110	93	25	67
State of Illinois (Title 35, Sec. 742.400, and App. A, Table H)	Chicago Area Background	NA	1.1	1.3	1.5	1	0.2	0.86
State of Illinois (Title 35, Sec. 742.400, and App. A, Table H)	MSA (Statewide Metropolitan) Area Background	NA	1.8	2.1	2	1.7	0.42	1.6
Connecticut Remediation Standard Regulations [22a-133k-2 (b)]	Residential Direct Exposure Criteria	NA	1	1	1	8.4	1 [(a)]	1 [(a)]
Connecticut Remediation Standard Regulations [22a-133k-2 (b)]	Commerical/Industrial Direct Exposure Criteria	NA	7.8	1	7.8	7.8	1 [(a)]	7.8 [(a)]
Risk-Based Criteria (2)								
EPA Regional Screening Levels	Residential Soil (at 1E-06 cancer risk)	NA	0.15	0.015	0.15	1.5	0.015	0.15
EPA Regional Screening Levels	Industrial Soil (at 1E-06 cancer risk)	NA	2.1	0.21	2.1	21	0.21	2.1

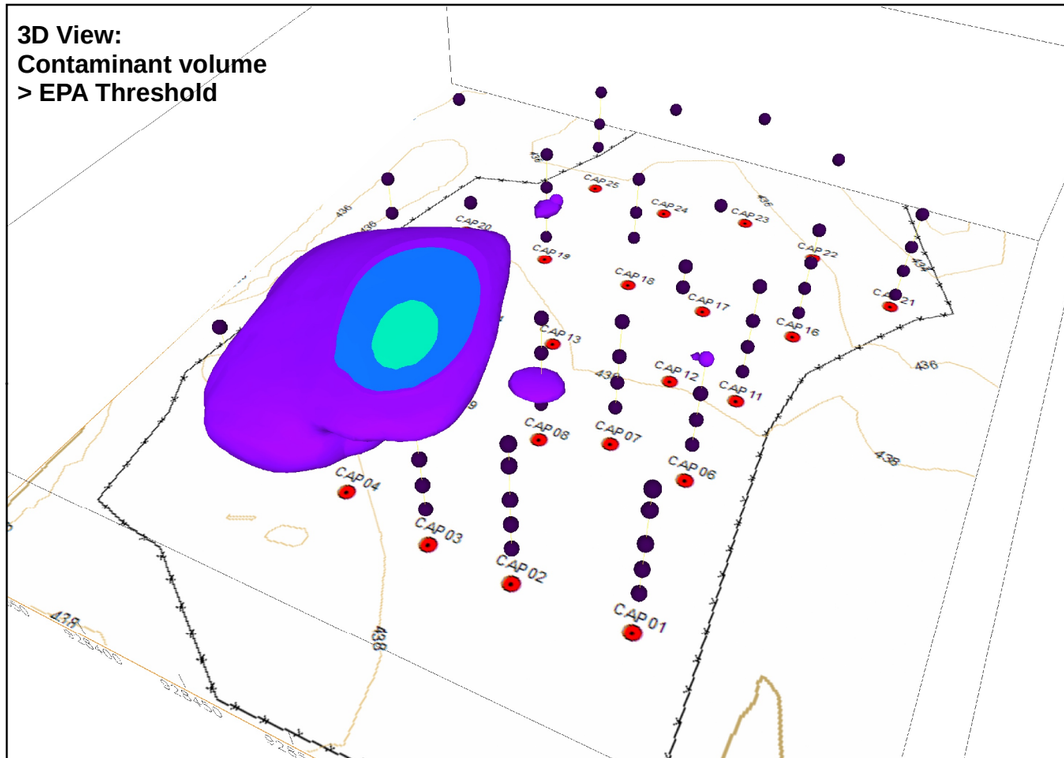
Notes:
1. See reference list in letter report.
2. EPA Regional Screening Levels, June 2011. http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm
a. Information from the Comprehensive List of Approved Additonal and Alternative Criteria (Rev. Oct, 2005)
All units in mg/Kg

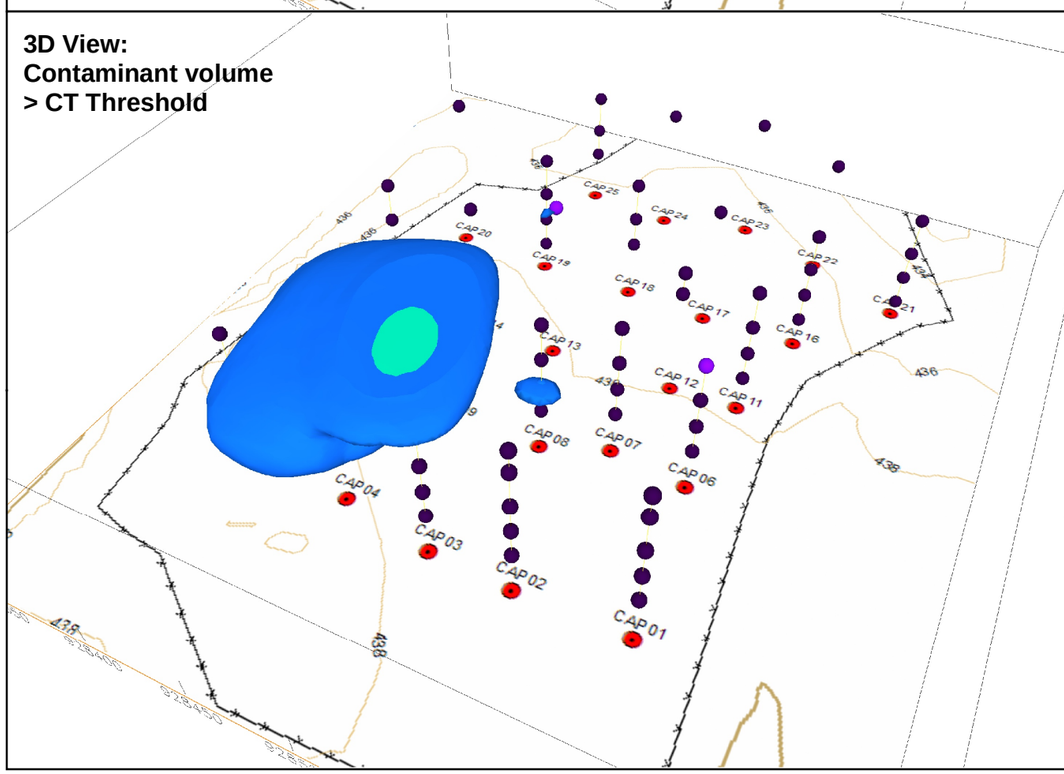
Table 4
Soil Concentrations by Risk Areas
Scovill Landfill Industrial Site
Waterbury, Connecticut

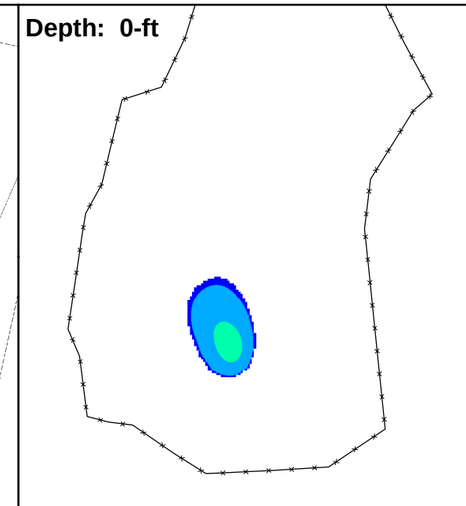
Area	Data Group	AVERAGE CONCENTRATIONS (mg/Kg)					
		Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd) pyrene
D1	Surface	0.40	0.43	0.58	0.46	0.17	0.31
D1	Aggregate	0.31	0.33	0.44	0.35	0.61	0.68
D3	Surface	1.85	2.09	2.93	1.96	0.23	0.54
D3	Aggregate	1.96	2.15	3.11	1.63	0.35	0.77
E1	Surface	0.41	0.36	0.37	NE	0.25	0.25
E1	Aggregate	1.11	0.94	1.32	0.79	0.36	0.36
E2	Surface	0.56	0.57	0.81	NE	0.18	0.42
E2	Aggregate	0.73	0.77	1.03	0.69	0.18	0.41
E3	Surface	0.70	0.54	0.70	0.48	0.25	0.41
E3	Aggregate	0.59	0.47	0.61	0.44	0.21	0.33
F	Surface	0.89	0.74	1.00	0.91	0.29	0.55
F	Aggregate	0.80	0.67	0.89	0.81	0.36	0.53
G	Surface	0.67	0.71	0.80	NE	0.18	0.40
G	Aggregate	0.50	0.51	0.85	NE	0.33	0.25
H	Surface	1.10	1.19	1.45	1.33	0.51	0.91
H	Aggregate	2.35	2.45	2.93	2.48	0.70	1.29
I	Surface	1.95	1.99	3.27	1.85	0.33	0.81
I	Aggregate	5.49	4.74	4.35	4.77	1.41	3.99
J	Surface	0.91	0.74	0.91	0.70	0.29	0.54
J	Aggregate	0.80	0.73	0.87	0.70	0.42	0.59
Site Avg. Surface		**0.94**	**0.93**	**1.28**	**1.10**	**0.27**	**0.51**
Site Avg. Aggregate		**1.47**	**1.38**	**1.64**	**1.41**	**0.49**	**0.92**
Site Avg. Surface w/o Area I		**0.83**	**0.82**	**1.06**	**0.97**	**0.26**	**0.48**
Site Avg. Aggregate w/o Area I		**1.02**	**1.00**	**1.34**	**0.99**	**0.39**	**0.58**
Z	Surface	**0.75**	**0.77**	**1.05**	**0.79**	**0.26**	**0.43**
Z	Aggregate	**0.59**	**0.60**	**0.78**	**0.63**	**0.25**	**0.36**
CT RSRs Res DEC		**1**	**1**	**1**	**8.4**	**1 [(b)]**	**1 [(b)]**
CT RSRs Ind/Comm DEC		**7.8**	**1**	**7.8**	**7.8**	**1 [(b)]**	**7.8 [(b)]**

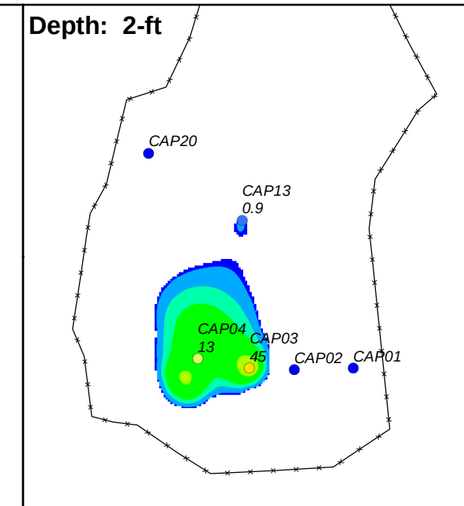
Notes:
Information from Human Health Risk Assessment for the Scovill Industrial Landfill Site (Nobis, 2011)
NE = Not evaluated as a COPC.
Non-detects were included at full detection limit.
a. Connecticut Remediation Standard Regulations, 22a-133k-2 (b)
b. Information from the Comprehensive List of Approved Additonal and Alternative Criteria (Rev. Oct, 2005)

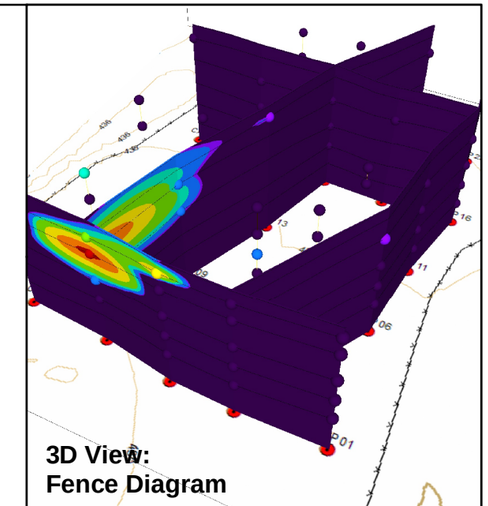
APPENDIX K

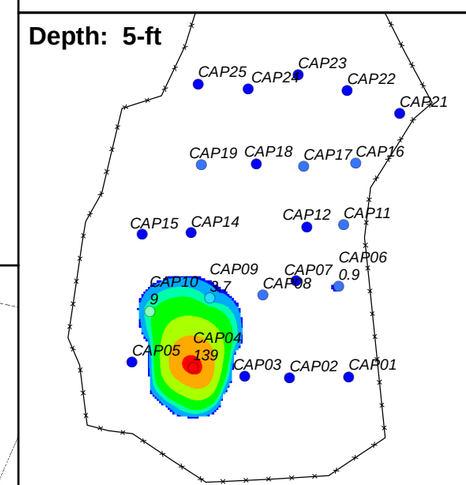


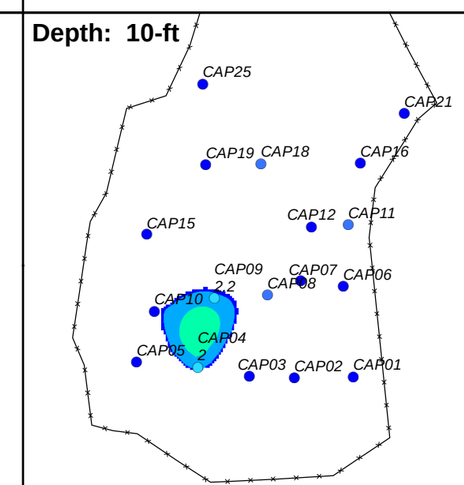


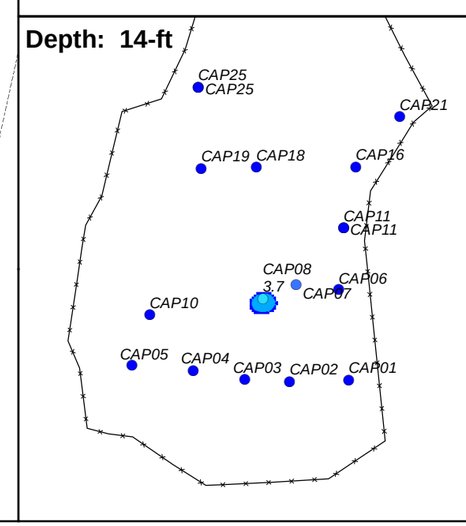


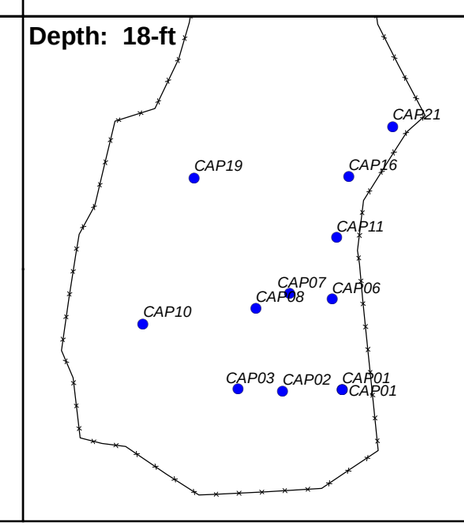












Legend

Site Fence	Model (mg/kg)	Data (mg/kg)
	0.22 - 1	< 0.22
	1 - 5	0.22 - 1
	5 - 10	1 - 5
	10 - 25	5 - 10
	25 - 50	10 - 25
	50 - 100	25 - 50
	> 100	50 - 100
		> 100

Notes:
1) *Locations with no concentration value posted signify a non-detect for that depth.*
2) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
3) *EPA = Environmental Protection Agency Cleanup Threshold*
CT = State of Connecticut Cleanup Threshold

Coordinate System:
Connecticut State Plane, NAD 83, Feet

Scale Bar for Plan Views (feet)
0 50 100 200

Modeled Distribution of Aroclor-1254 (mg/kg)

Former Scovill Landfill
Waterbury, CT

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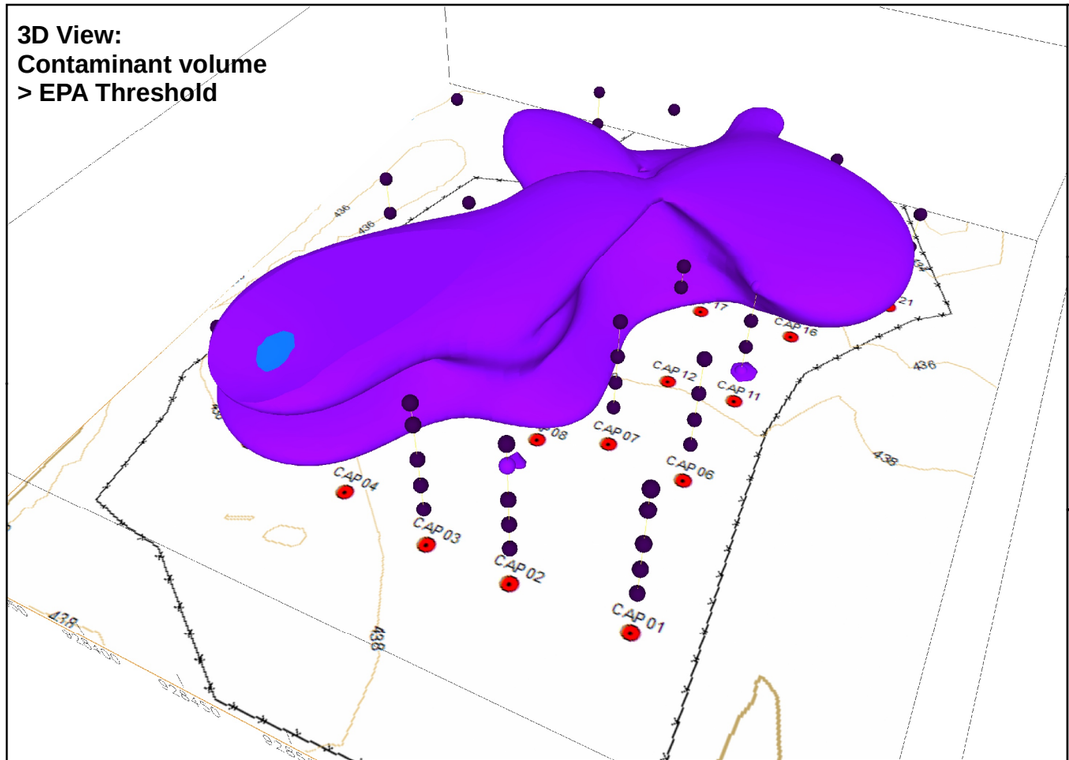

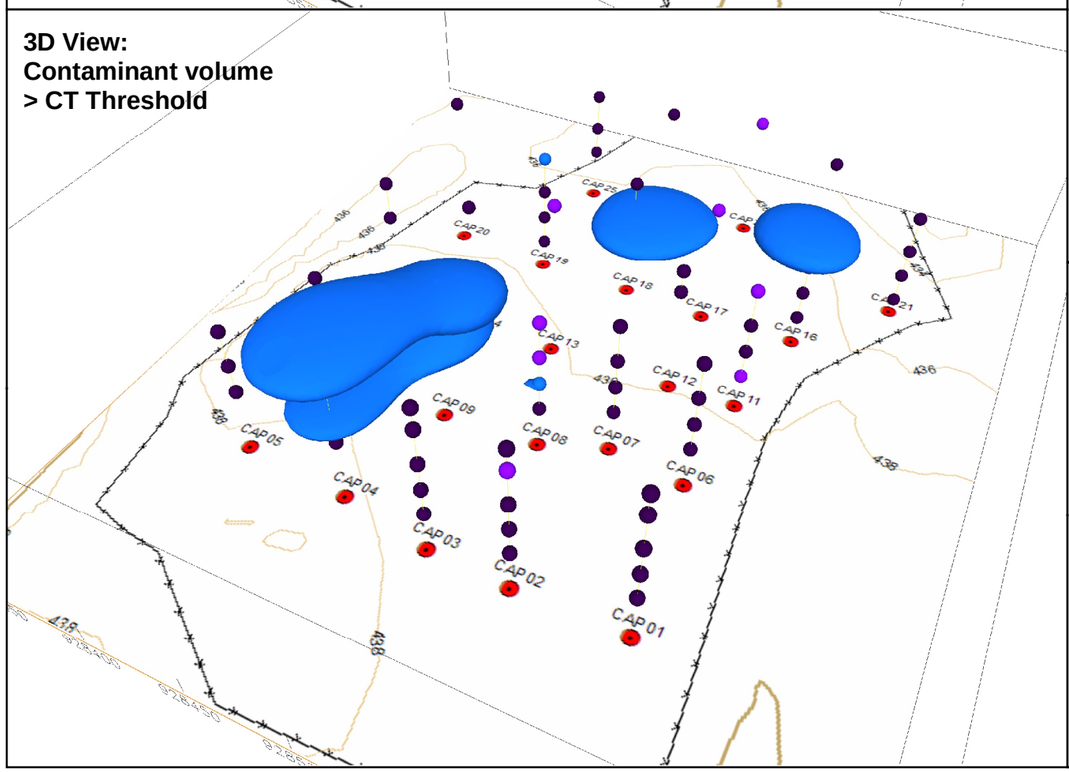

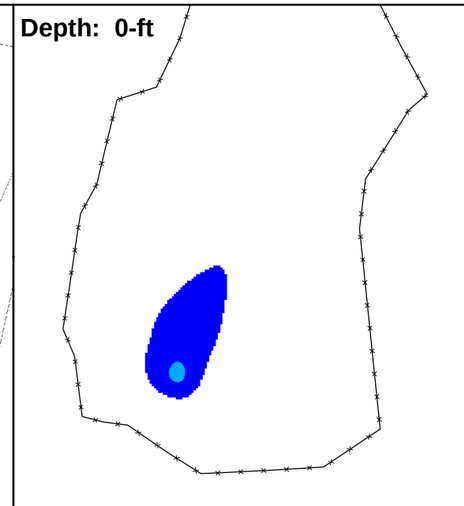

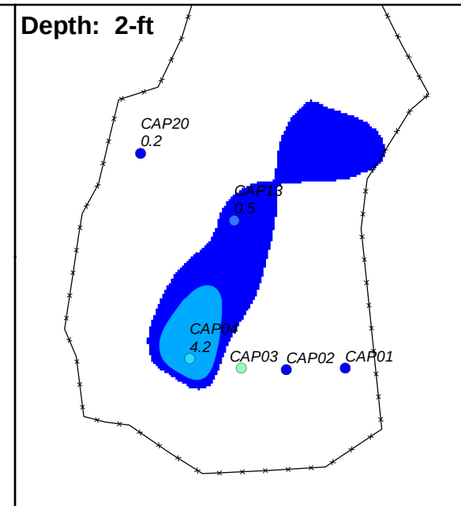

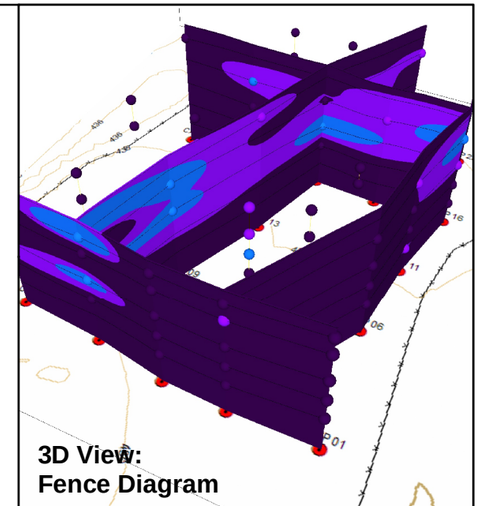

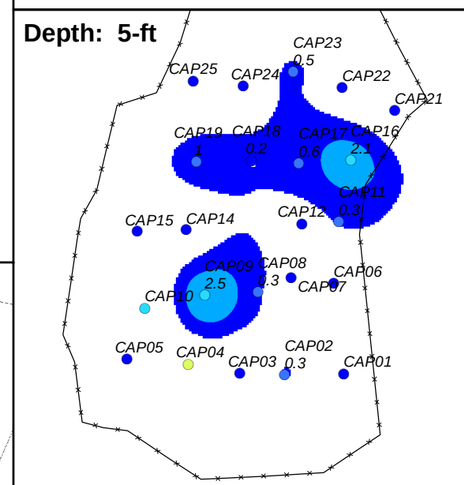

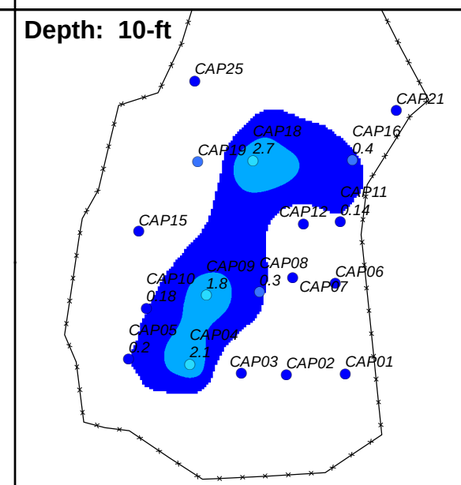

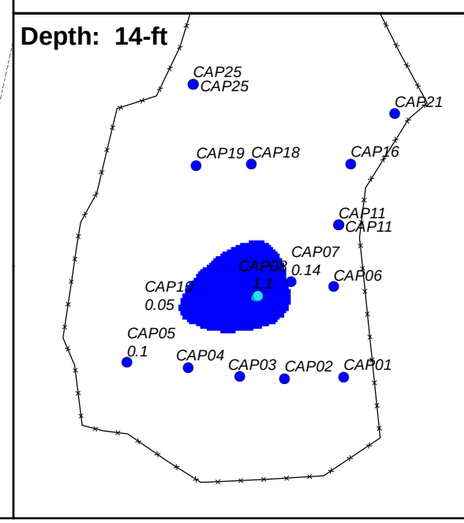

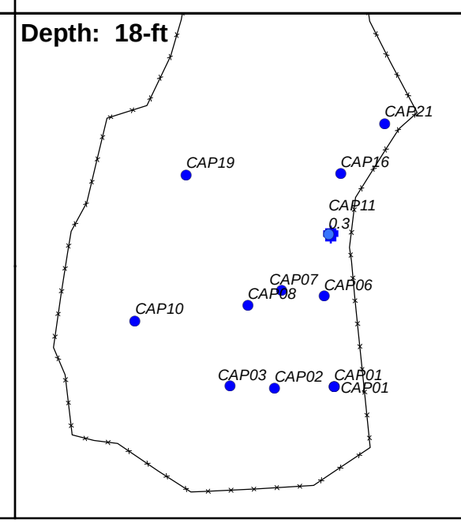

Legend

Site Fence

Aroclor126010

Model (mg/kg)

- 0.22 - 1
- 1 - 5
- 5 - 10
- 10 - 25
- 25 - 50
- 50 - 100
- > 100

Data (mg/kg)

- < 0.22
- 0.22 - 1
- 1 - 5
- 5 - 10
- 10 - 25
- 25 - 50
- 50 - 100
- > 100

Notes:

1) *Locations with no concentration value posted signify a non-detect for that depth.*
2) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
3) *EPA = Environmental Protection Agency Cleanup Threshold*
   CT = State of Connecticut Cleanup Threshold

Coordinate System:
Connecticut State Plane, NAD 83, Feet

Scale Bar for Plan Views (feet)

0 50 100 200

Modeled Distribution of Aroclor-1260 (mg/kg)

Former Scovill Landfill
Waterbury, CT

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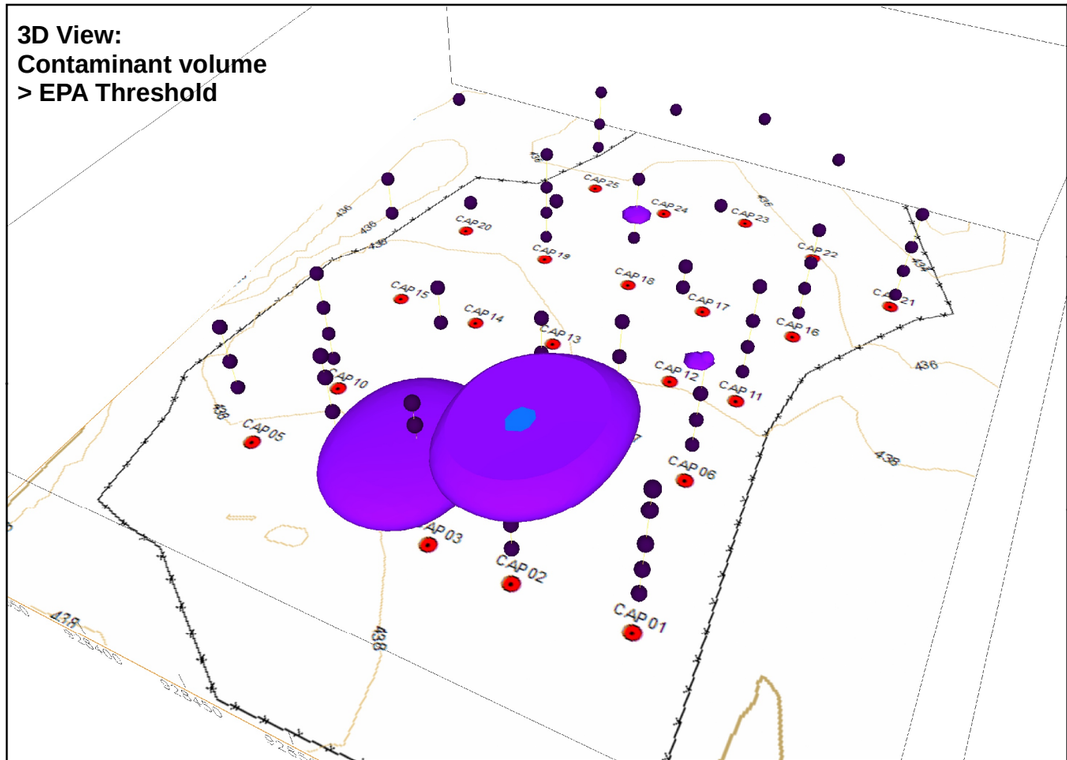

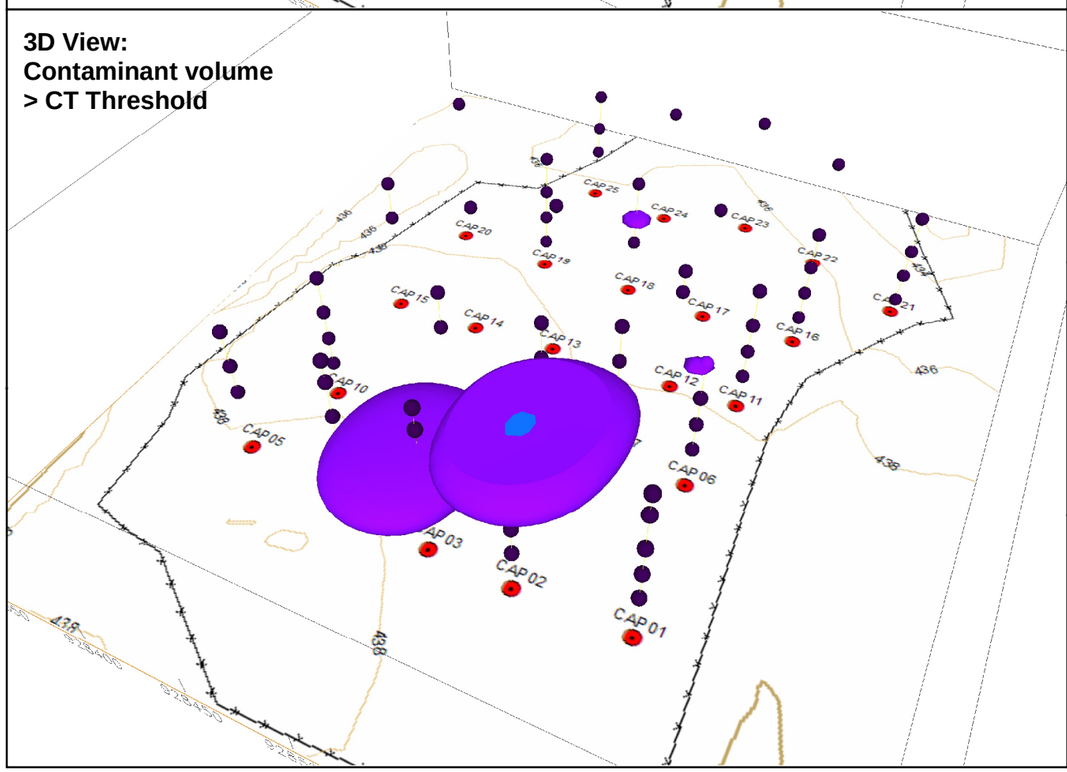

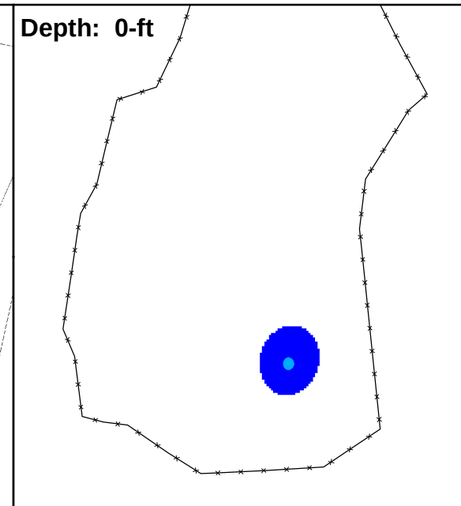

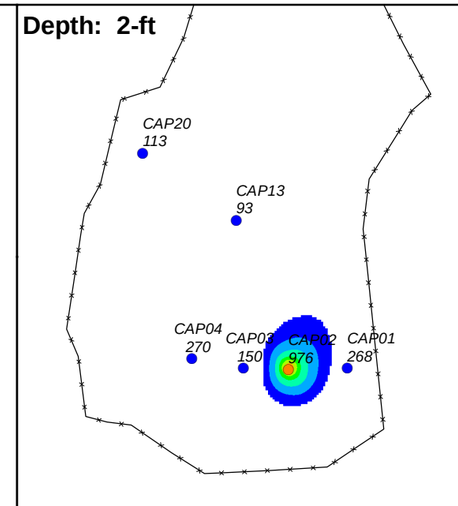

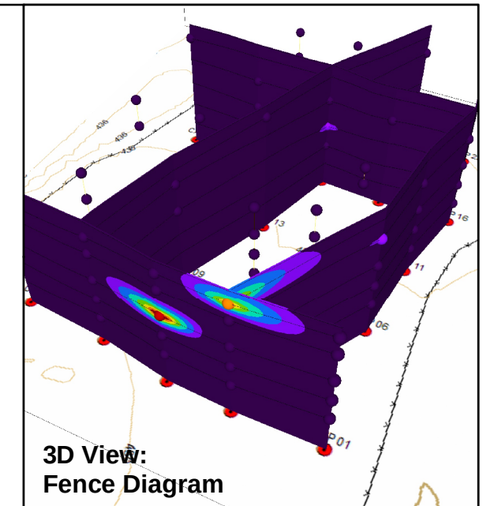

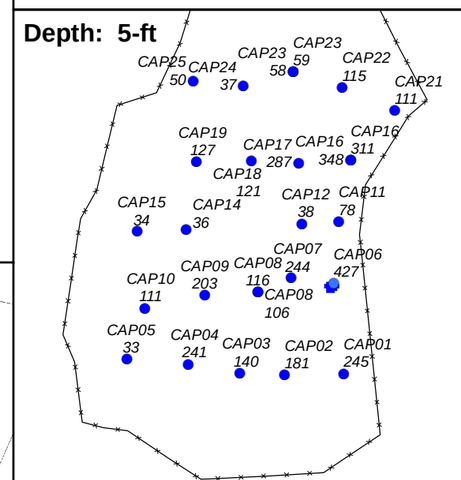

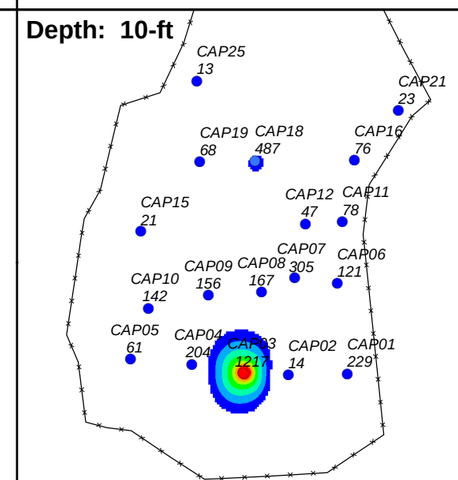

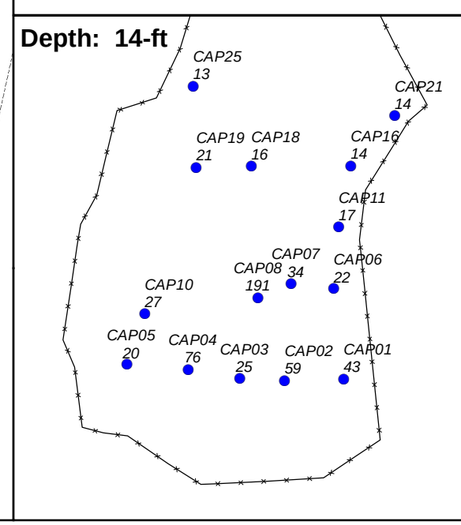

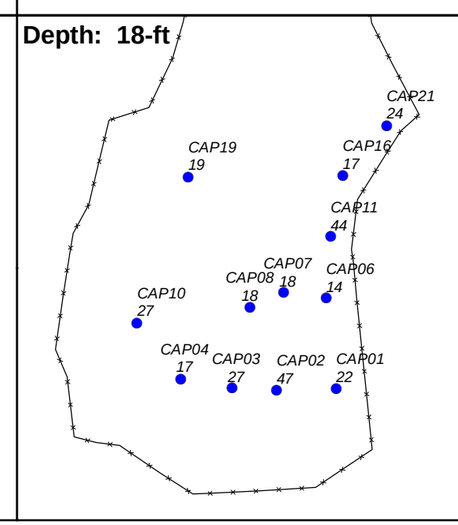

Legend

	Model (mg/kg)	Data (mg/kg)
Site Fence	400 - 500	< 400
	500 - 600	400 - 500
	600 - 700	500 - 600
	700 - 800	600 - 700
	800 - 900	700 - 800
	900 - 1,000	800 - 900
	> 1,000	900 - 1000
		> 1,000

Notes:
1) *Locations with no concentration value posted signify a non-detect for that depth.*
2) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
3) *EPA = Environmental Protection Agency Cleanup Threshold*
CT = State of Connecticut Cleanup Threshold

Coordinate System:
Connecticut State Plane, NAD 83, Feet

Scale Bar for Plan Views (feet)
0 50 100 200

Modeled Distribution of Lead (mg/kg)

Former Scovill Landfill
Waterbury, CT

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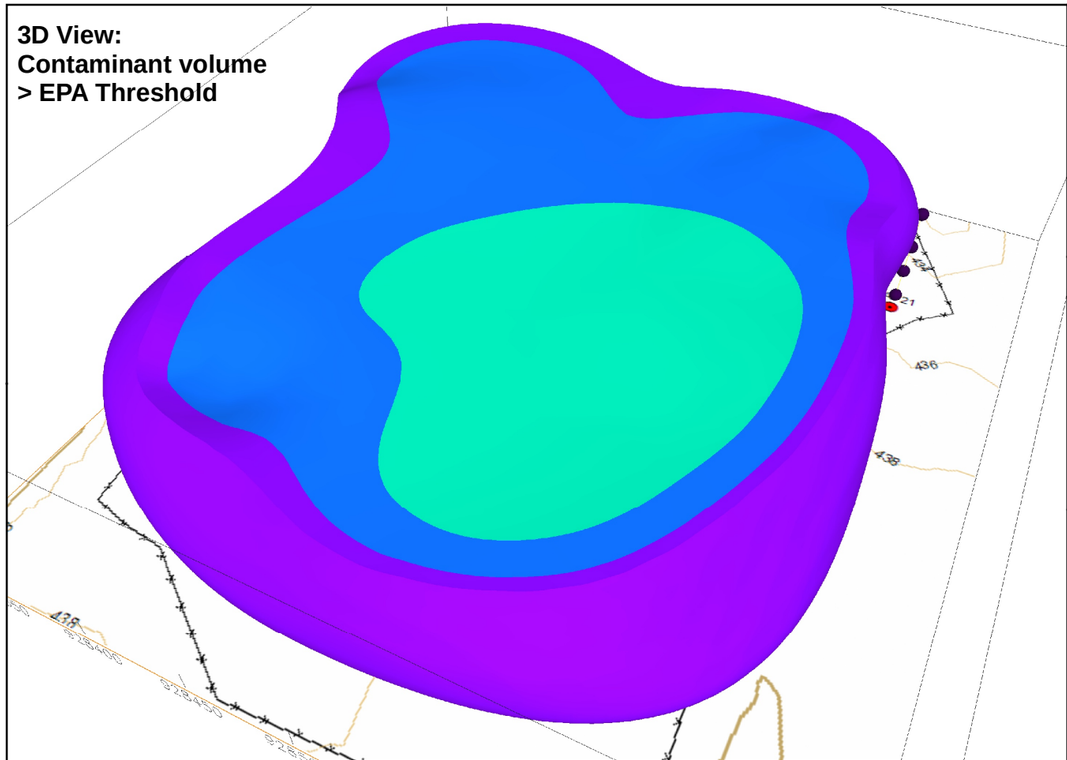
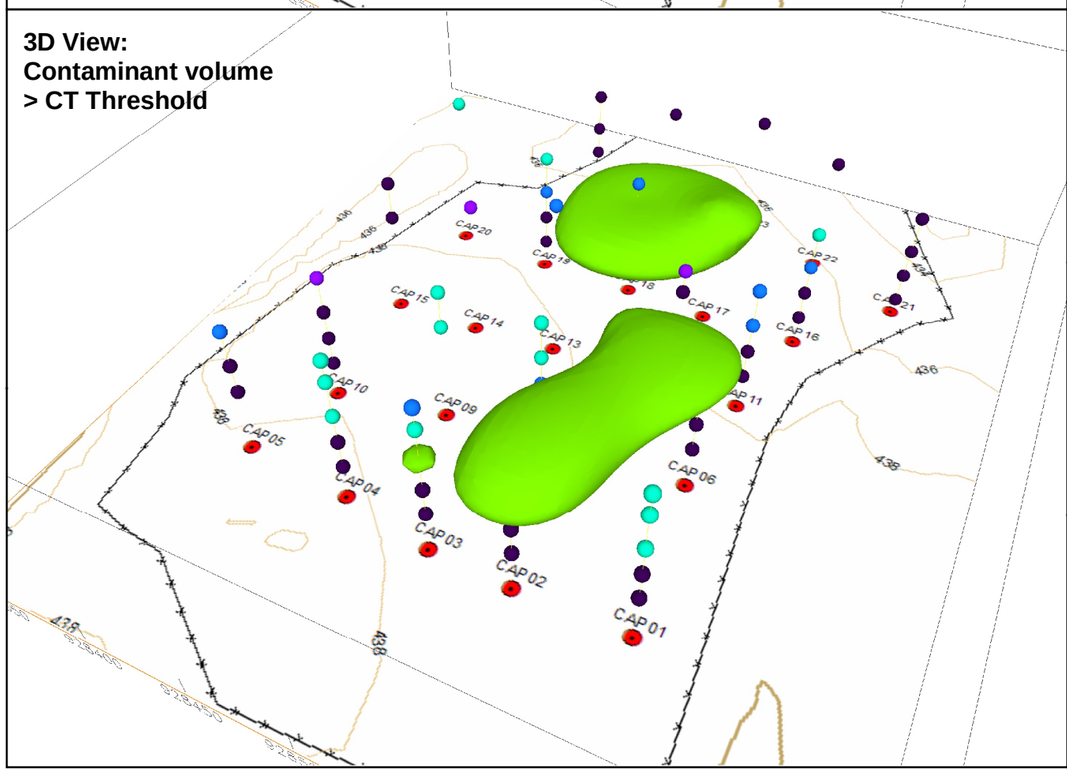
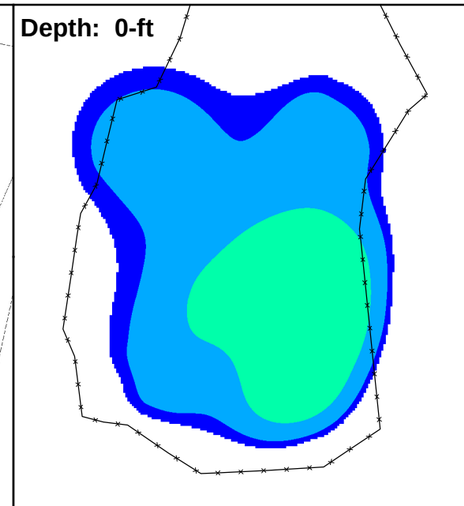
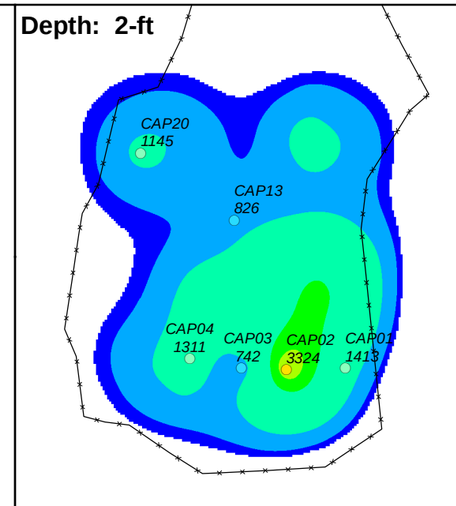
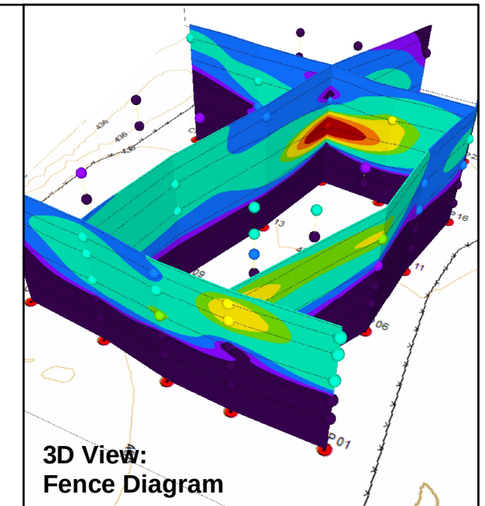
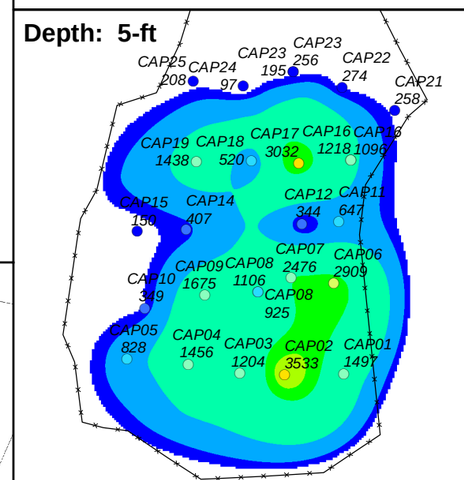


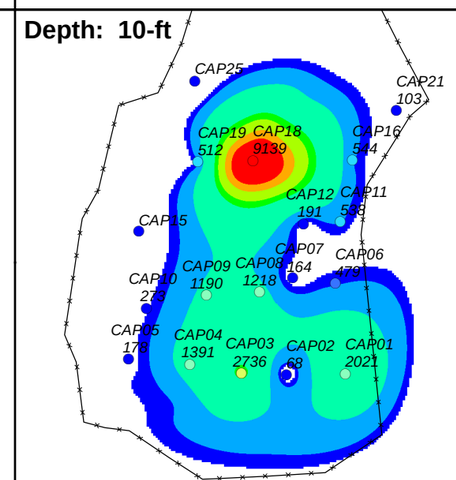


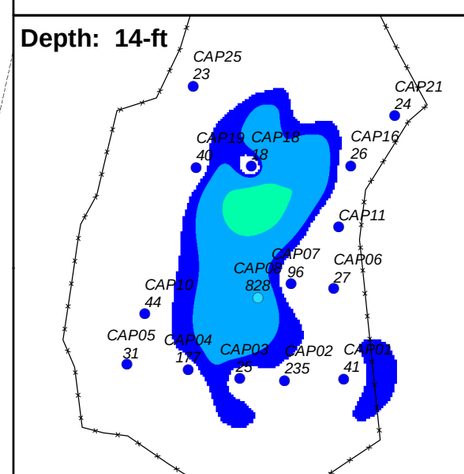


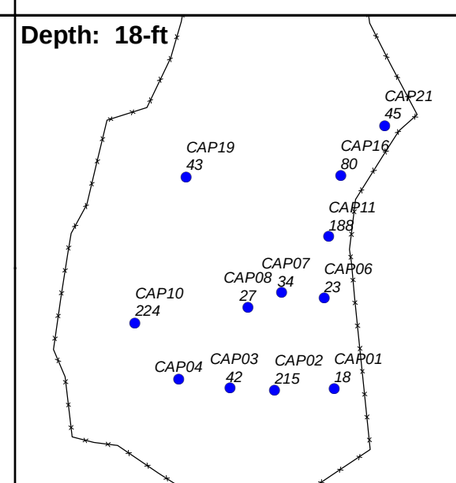












Legend

Site Fence

Model (mg/kg)	Data (mg/kg)
310 - 500	< 310
500 - 1,000	310 - 500
1,000 - 2,500	500 - 1000
2,500 - 3,000	1000 - 2500
3,000 - 4,000	2500 - 3000
4,000 - 5,000	3000 - 4000
> 5,000	4000 - 5000
	> 5000

Notes:
1) *Locations with no concentration value posted signify a non-detect for that depth.*
2) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
3) *EPA = Environmental Protection Agency Cleanup Threshold*
CT = State of Connecticut Cleanup Threshold

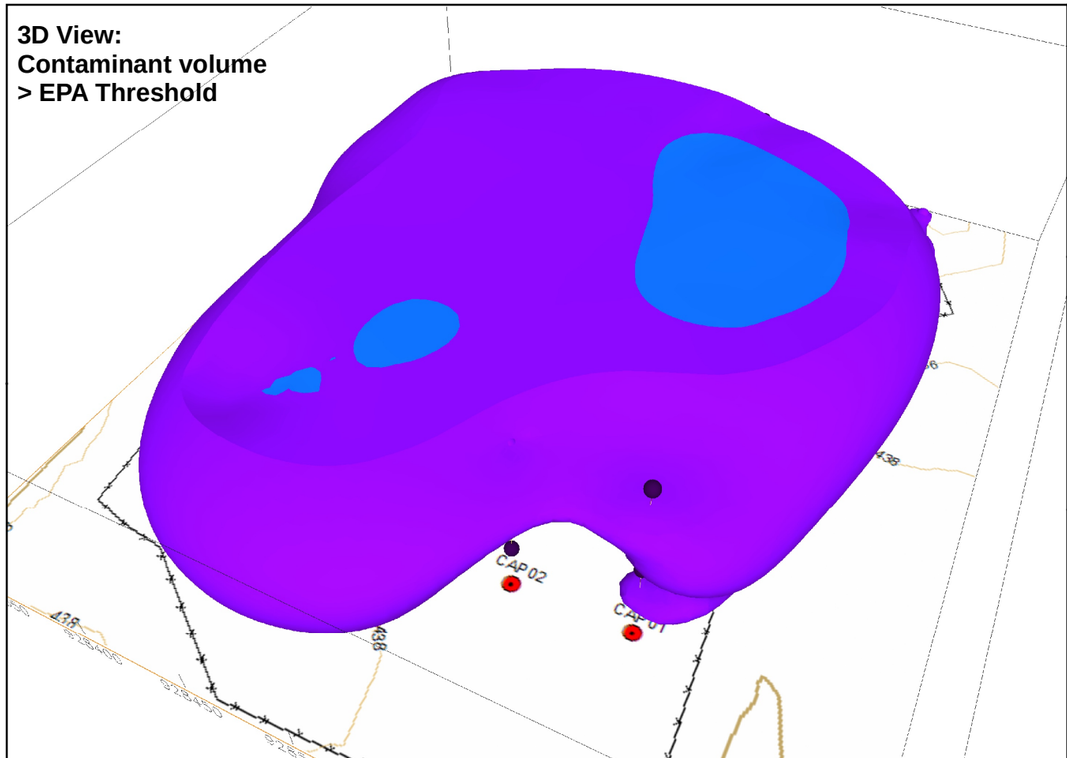
Coordinate System:
Connecticut State Plane, NAD 83, Feet

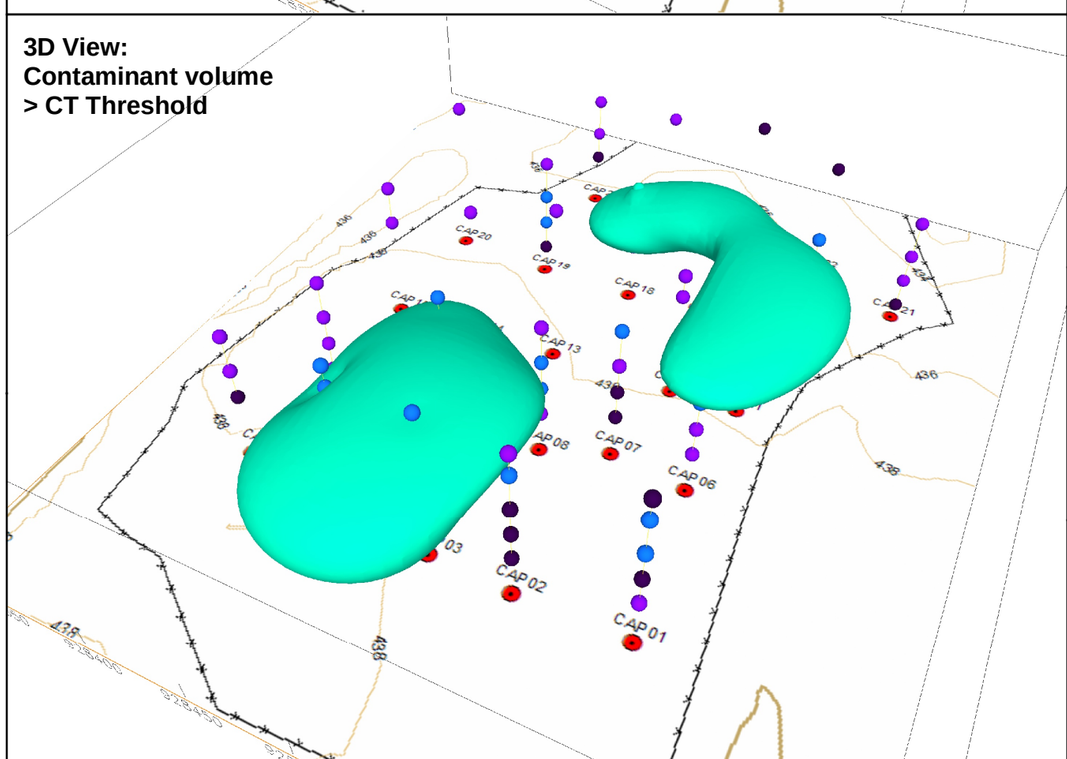
Scale Bar for Plan Views (feet)
0 50 100 200

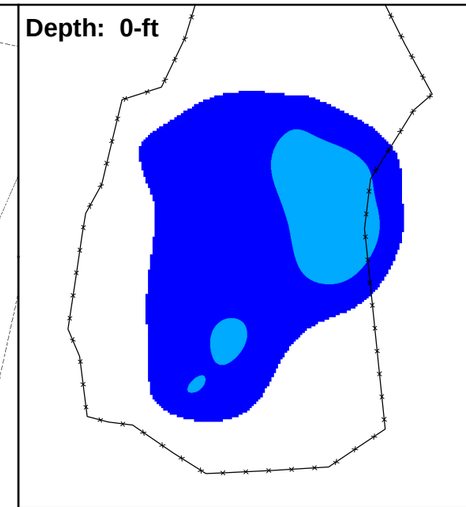
Modeled Distribution of Copper (mg/kg)

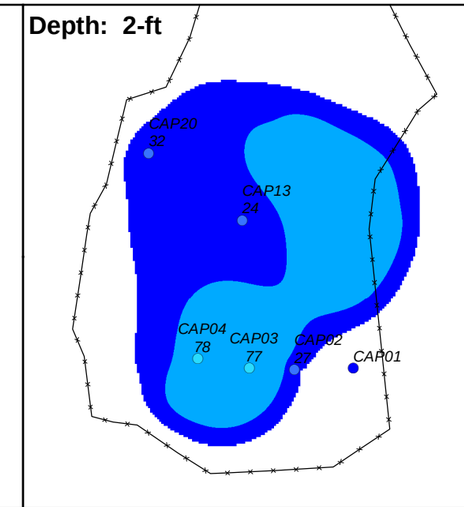
Former Scovill Landfill
Waterbury, CT

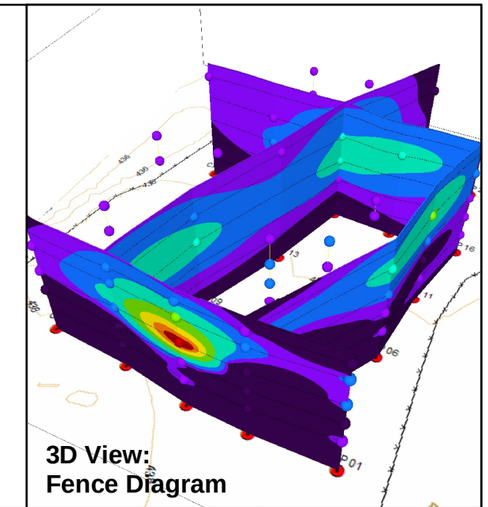
File: C:\Projects\Scovill\GIS\mxd\Copper3Dviews.mxd, 25-Feb-09 12:52, STROBRID

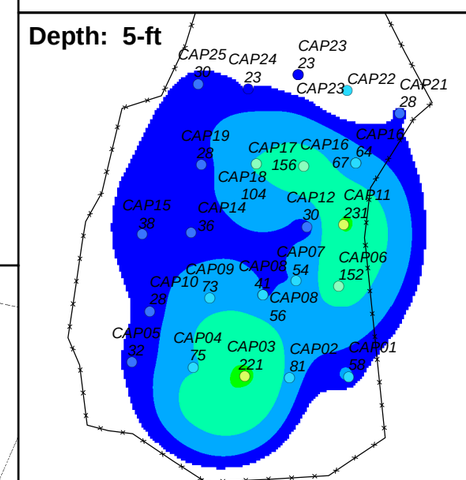


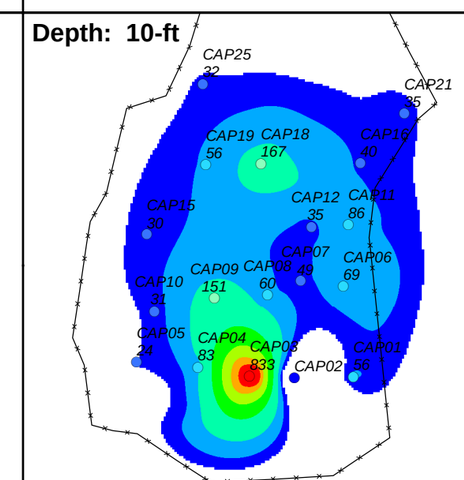


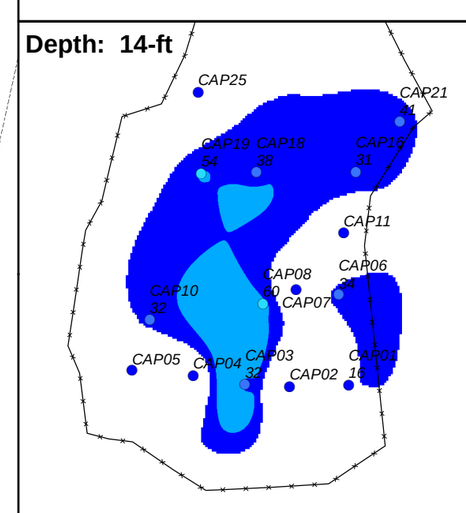


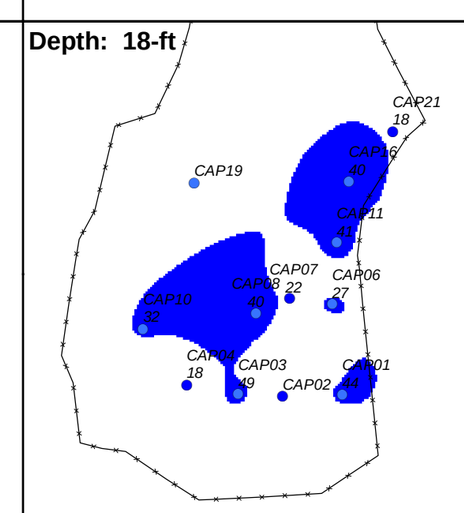












Legend

Site Fence

Model (mg/kg)	Data (mg/kg)
23 - 50	< 23
50 - 100	23 - 50
100 - 200	50 - 100
200 - 300	100 - 200
300 - 400	200 - 300
400 - 500	300 - 400
> 500	400 - 500
	500 - 100000

Notes:
1) *Locations with no concentration value posted signify a non-detect for that depth.*
2) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
3) *EPA = Environmental Protection Agency Cleanup Threshold*
CT = State of Connecticut Cleanup Threshold

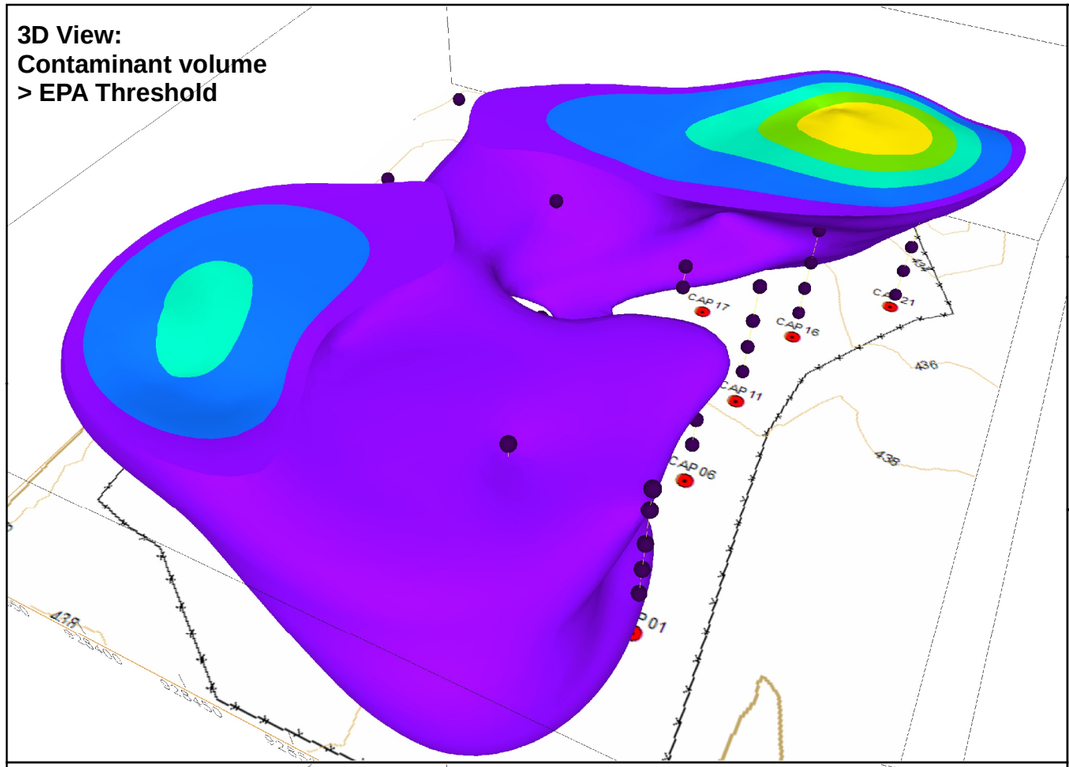
Coordinate System:
Connecticut State Plane, NAD 83, Feet

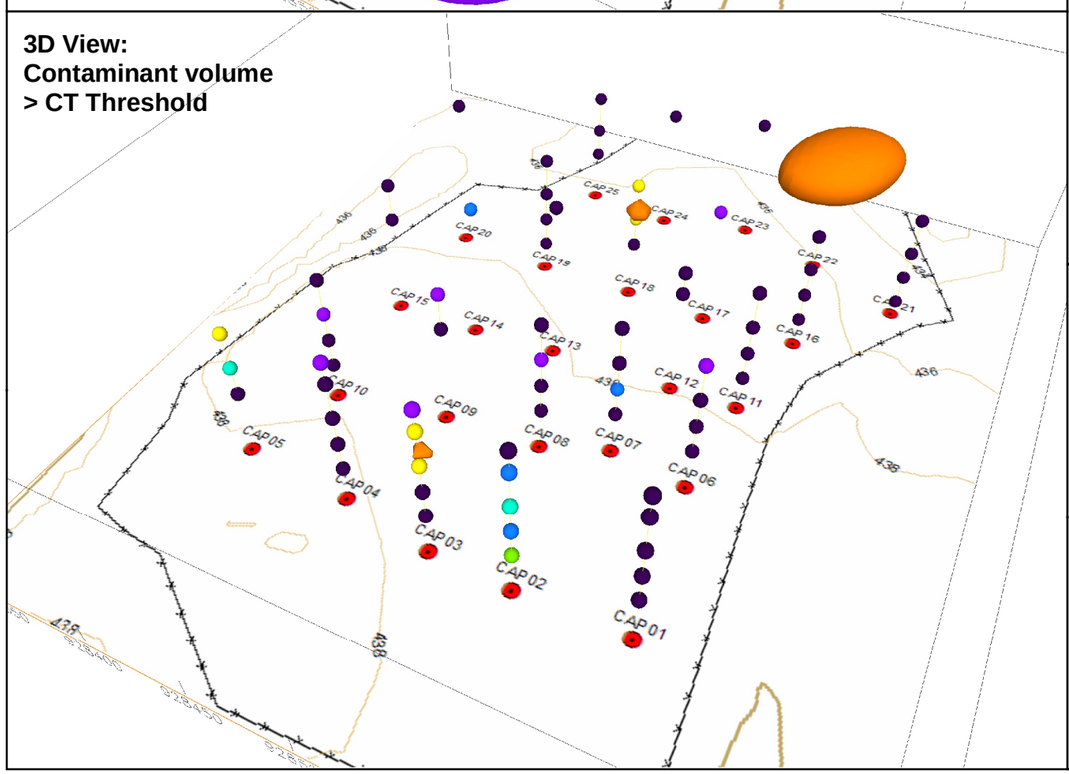
Scale Bar for Plan Views (feet)
0 50 100 200

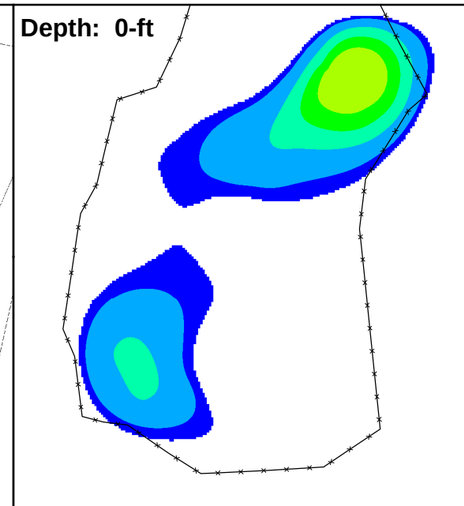
Modeled Distribution of Chromium (mg/kg)

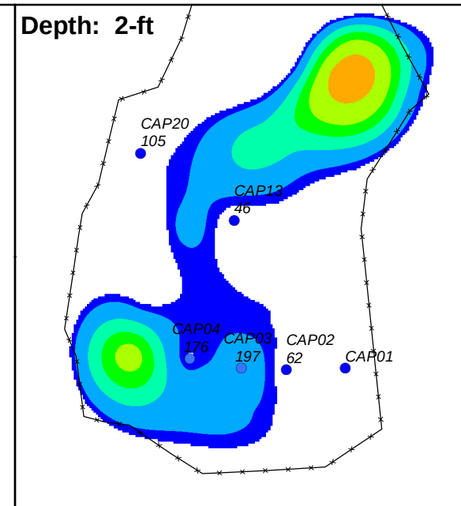
Former Scovill Landfill
Waterbury, CT

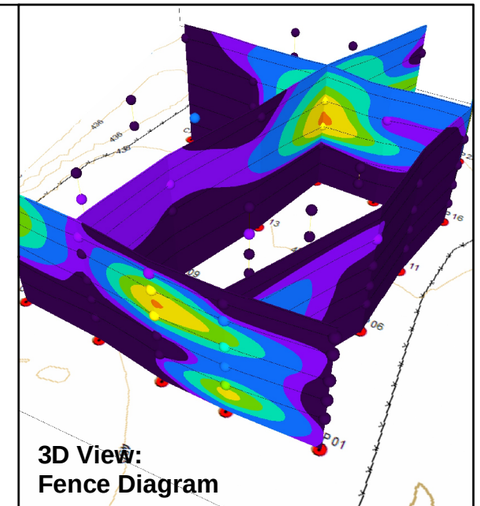
File: C:\Projects\Scovill\GIS\mxd\Chromium3Dviews.mxd, 25-Feb-09 12:02, STROBRID

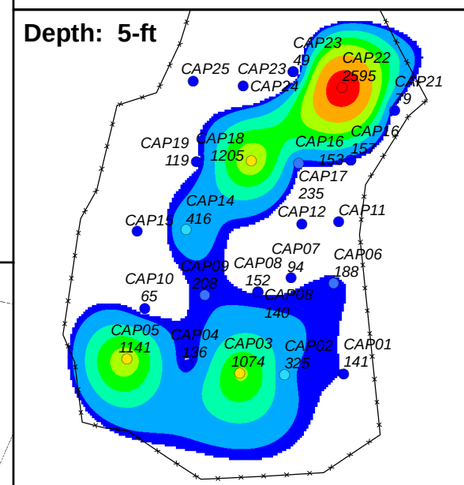


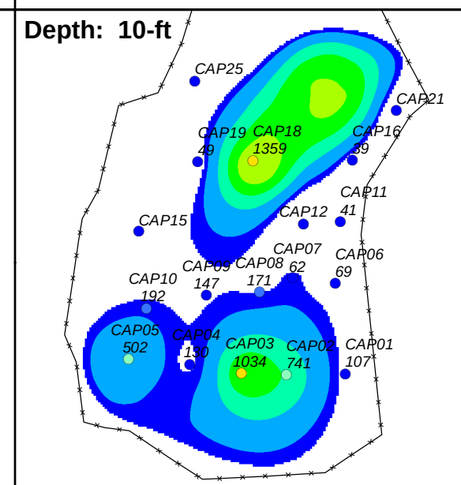


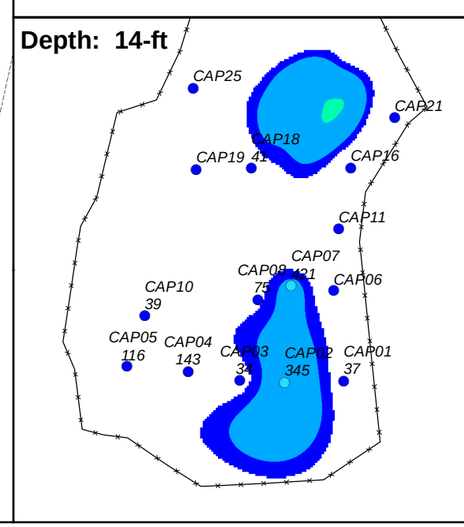


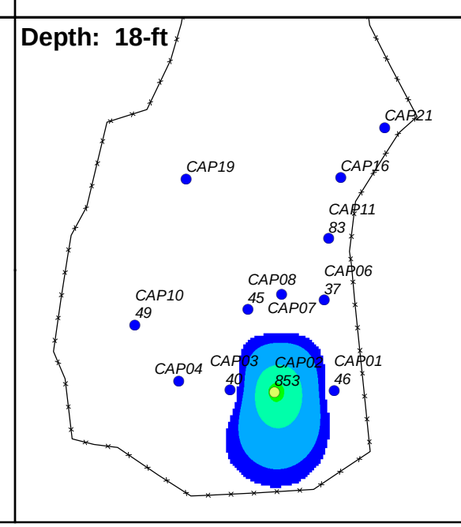












Legend

	Model (mg/kg)	Data (mg/kg)
Site Fence		
	160 - 250	< 160
	250 - 500	160 - 250
	500 - 750	250 - 500
	750 - 1,000	500 - 750
	1,000 - 1,400	750 - 1,000
	1,400 - 2,000	1,000 - 1,400
	> 2,000	1,400 - 2,000
		> 2,000

Notes:
1) *Locations with no concentration value posted signify a non-detect for that depth.*
2) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
3) *EPA = Environmental Protection Agency Cleanup Threshold*
CT = State of Connecticut Cleanup Threshold

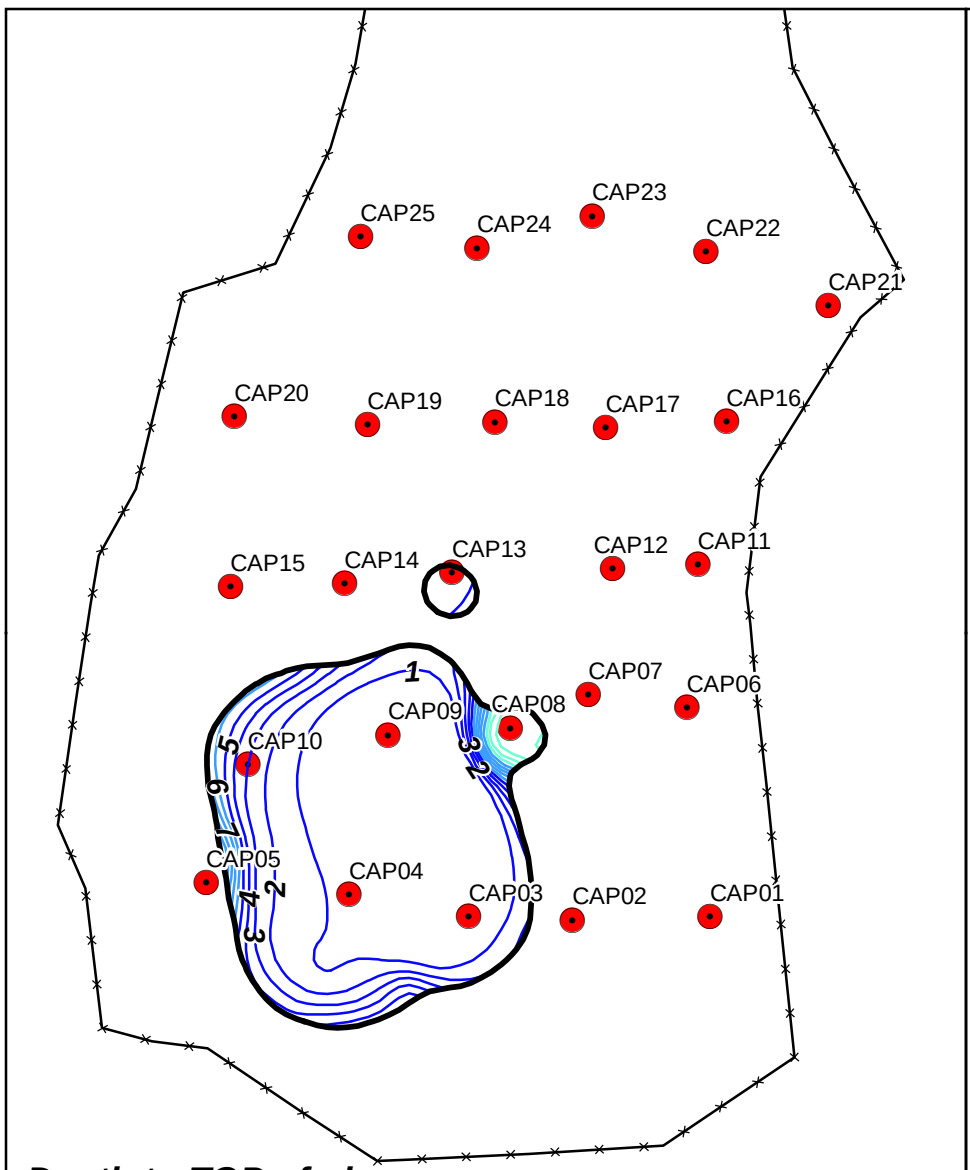
Coordinate System:
Connecticut State Plane, NAD 83, Feet

Scale Bar for Plan Views (feet)
0 50 100 200

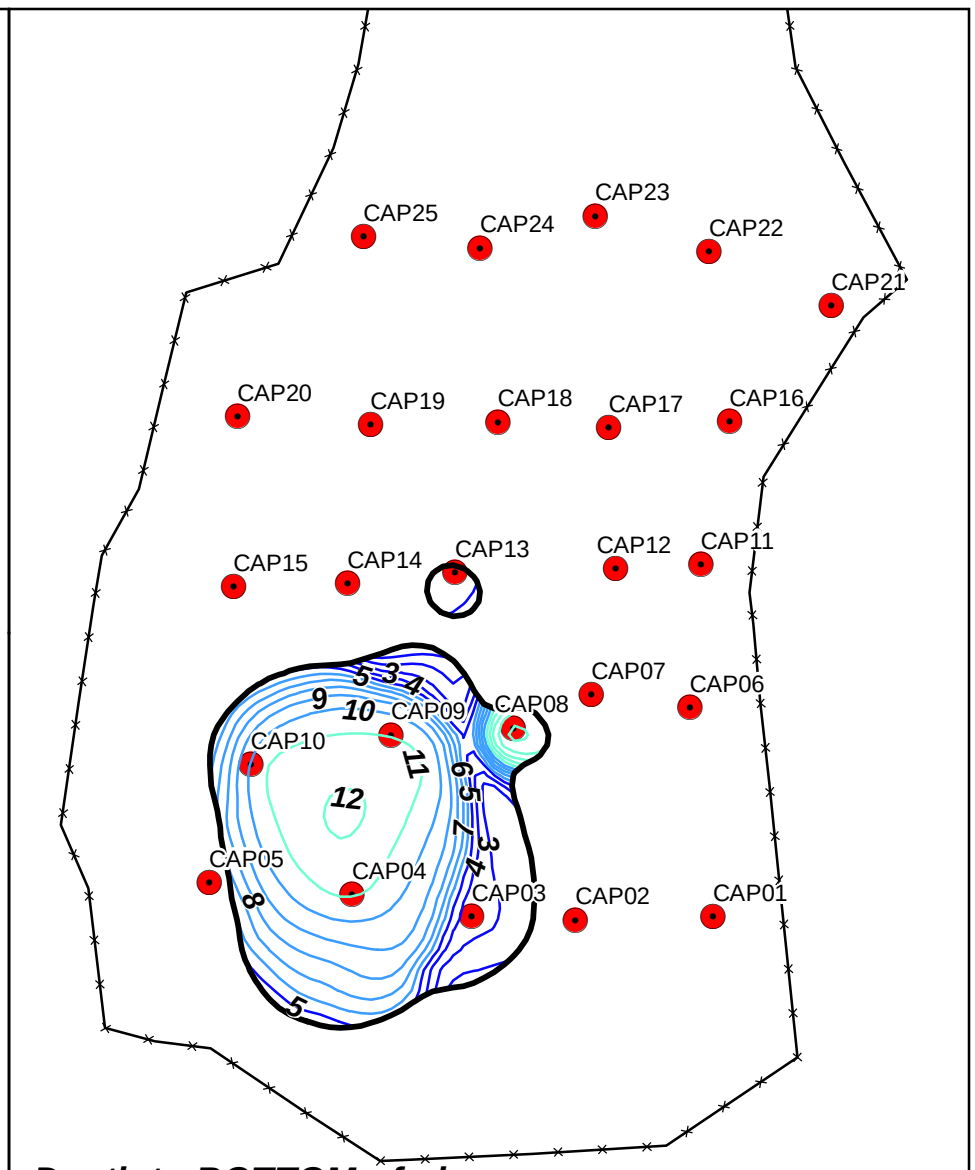
Modeled Distribution of Nickel (mg/kg)

Former Scovill Landfill
Waterbury, CT

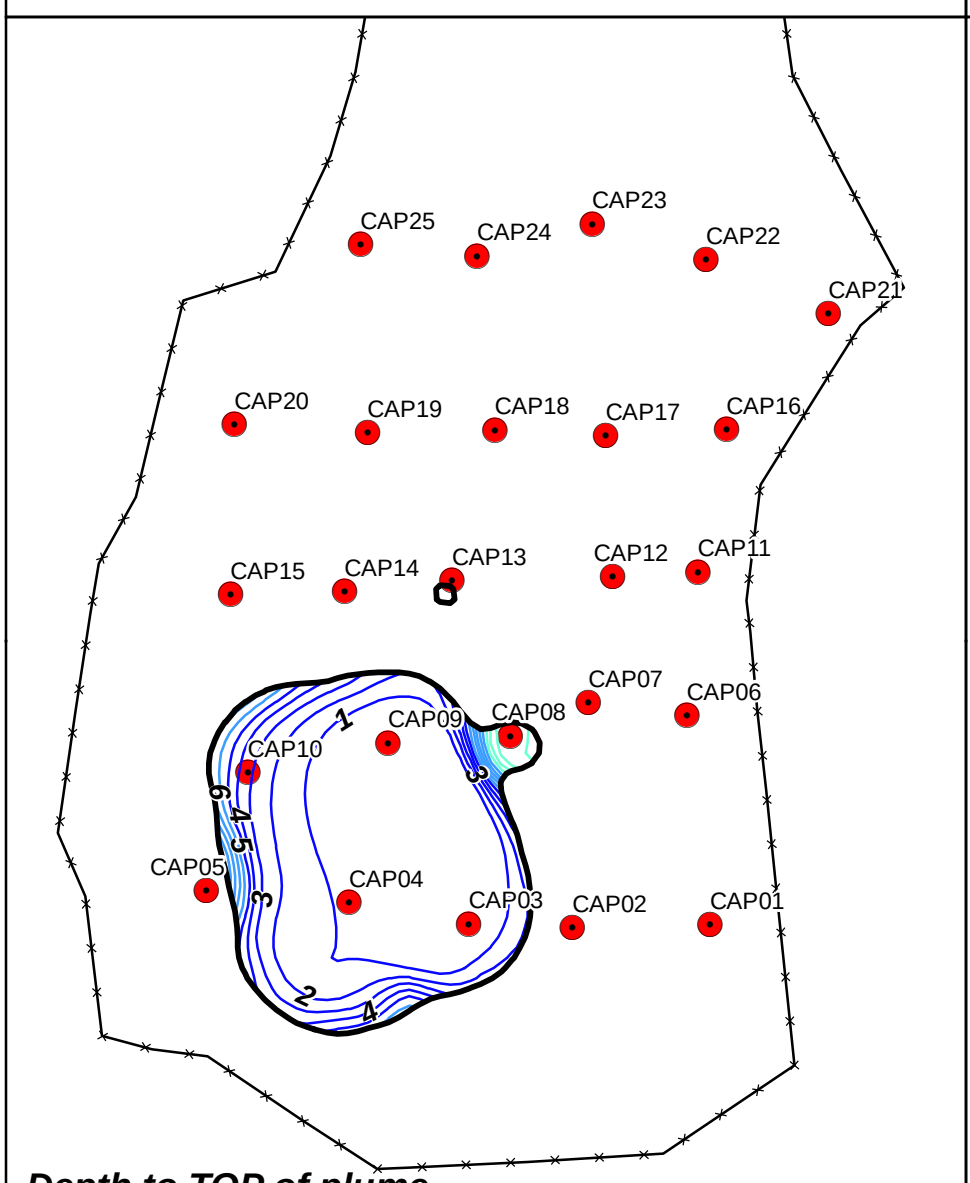
File: C:\Projects\Scovill\GIS\mxd\Nickel3Dviews.mxd, 25-Feb-09 13:07, STROBRID



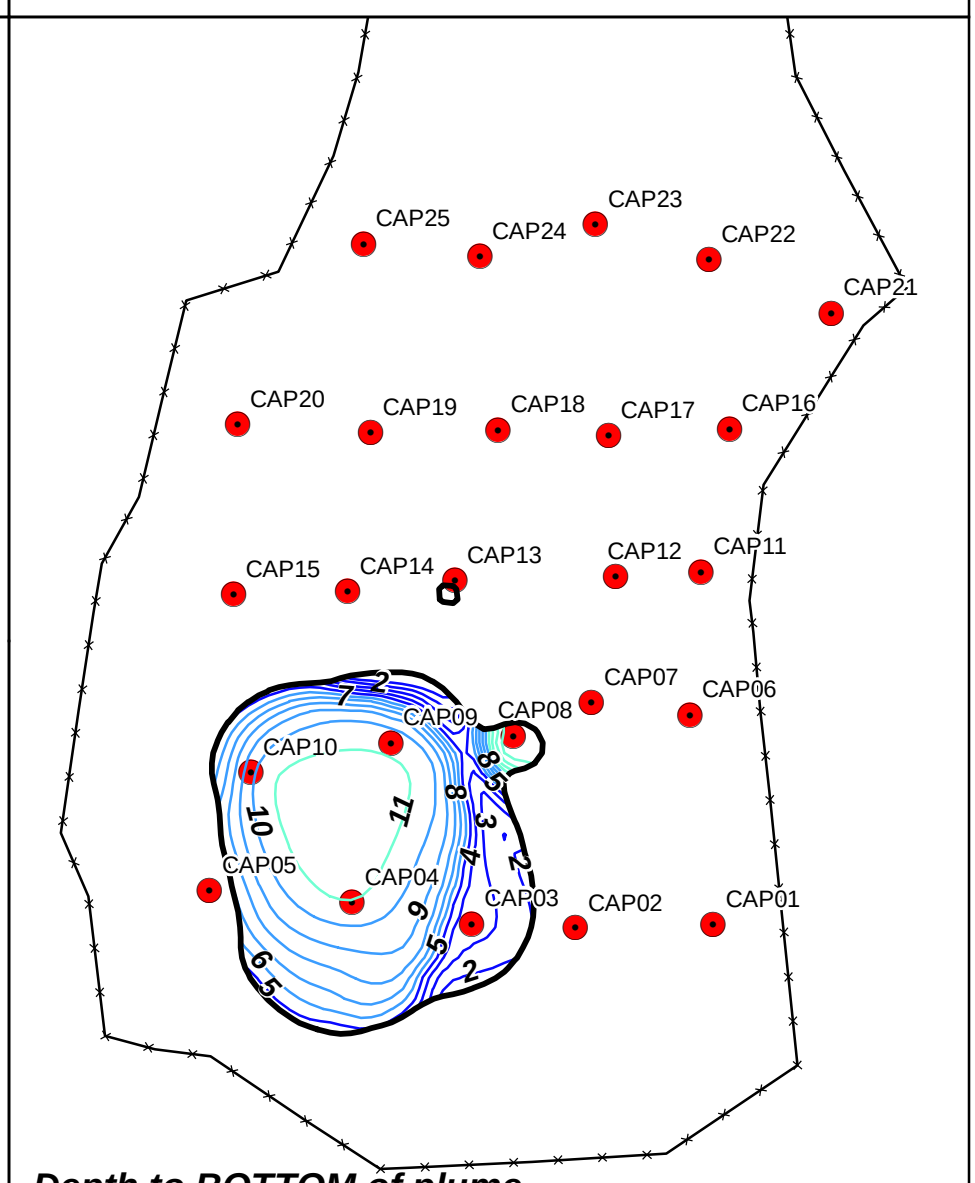
Depth to TOP of plume based on EPA threshold.



Depth to BOTTOM of plume based on EPA threshold.



Depth to TOP of plume based on CT threshold.



Depth to BOTTOM of plume based on CT threshold.

Legend

- Direct Push Borings
- Site Fence
- Maximum Extent of Cleanup Threshold

Depth (ft)

- 1 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- 21 - 25
- 26 - 30

Notes:

1) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
2) *CT = Connecticut State cleanup threshold*
   EPA = Environmental Protection Agency cleanup threshold

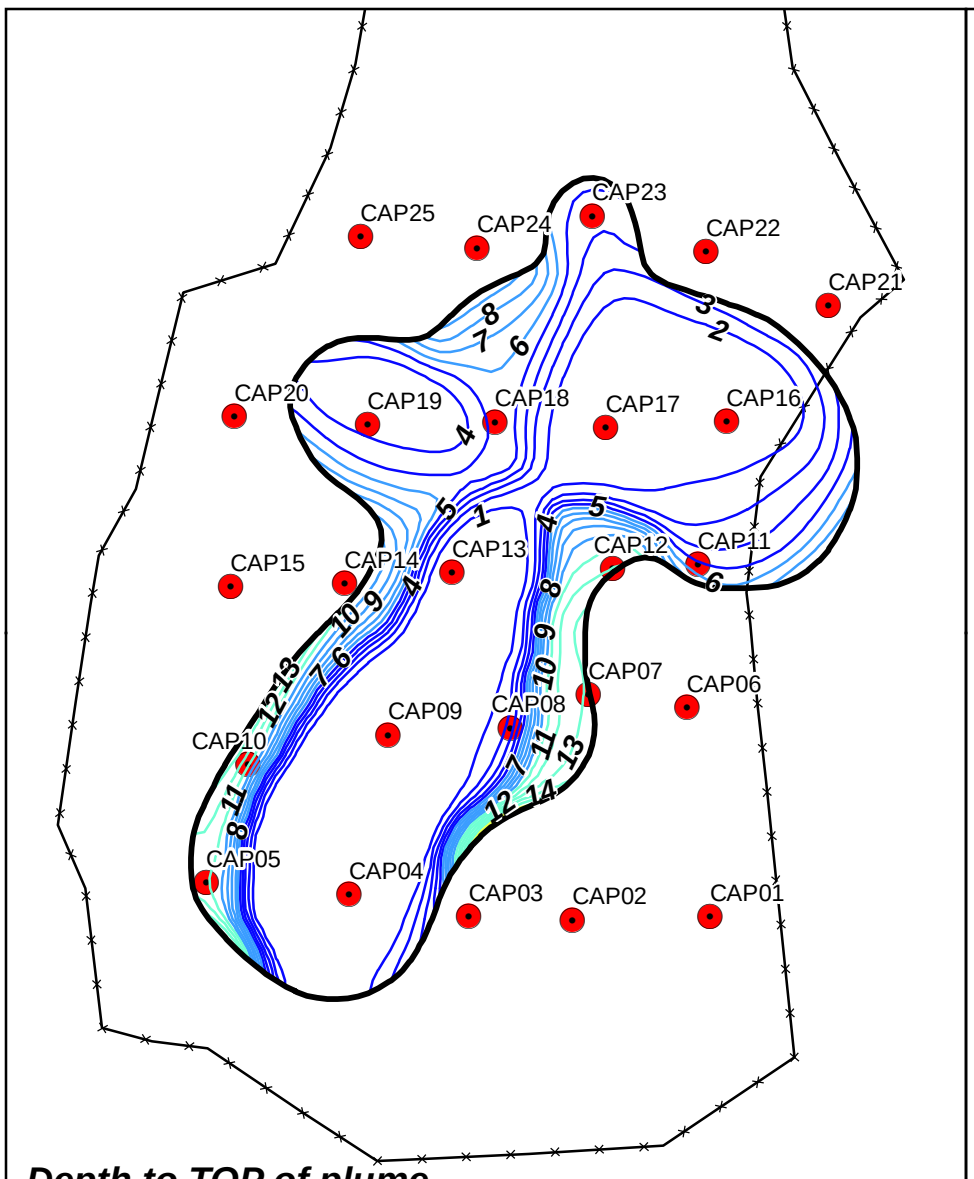
N
W E
S

Feet
50 40 30 20 10 0 50

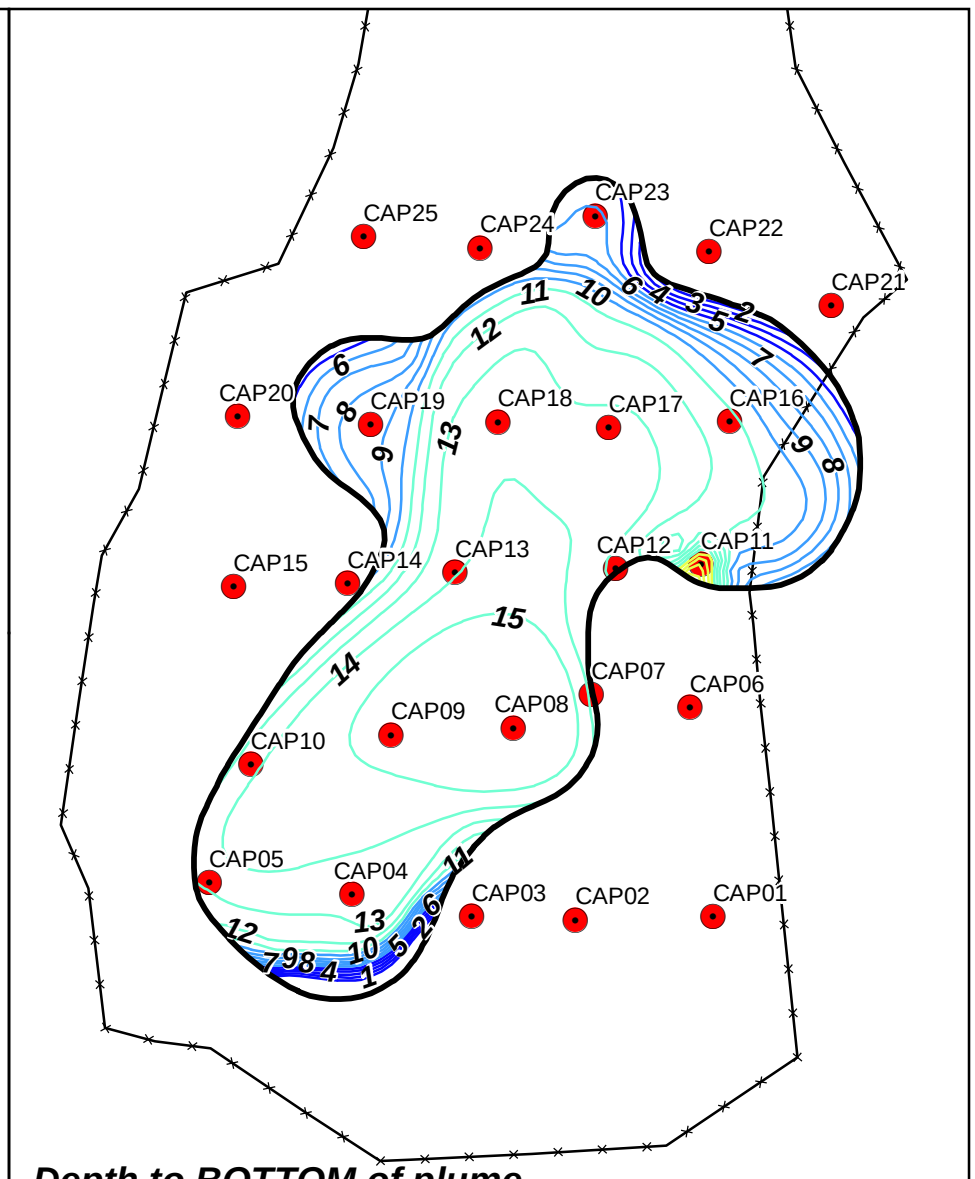
Coordinate Sytem:
Connecticut State Plane
NAD 83, Feet

Contamination Depths Based on the Modeled Distribution of Aroclor-1254 (mg/kg)

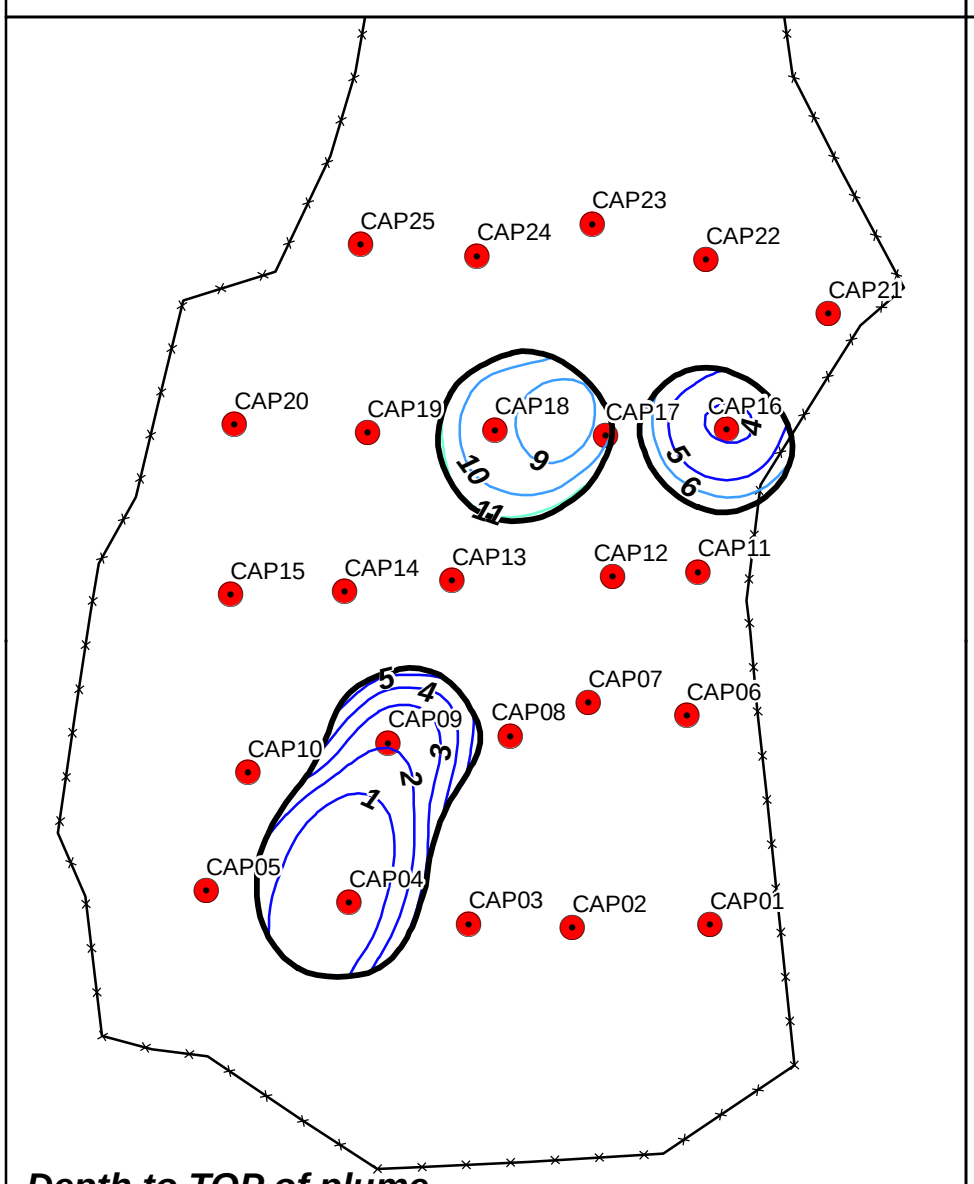
Former Scovill Landfill
Waterbury, CT



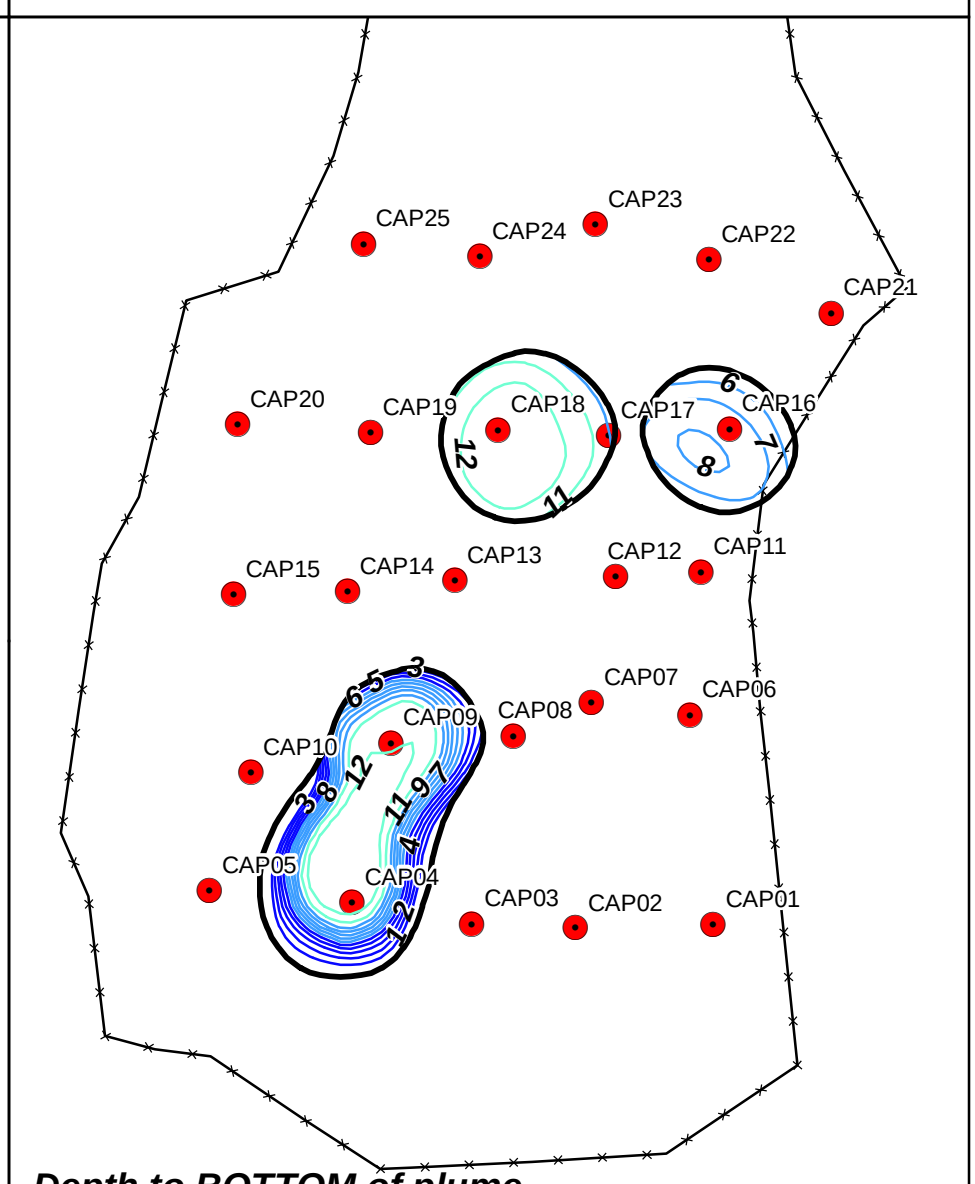
Depth to TOP of plume based on EPA threshold.



Depth to BOTTOM of plume based on EPA threshold.



Depth to TOP of plume based on CT threshold.



Depth to BOTTOM of plume based on CT threshold.

Legend

- Direct Push Borings
- Site Fence
- Maximum Extent of Cleanup Threshold

Depth (ft)

- 1 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- 21 - 25
- 26 - 30

Notes:

1) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
2) *CT = Connecticut State cleanup threshold*
   EPA = Environmental Protection Agency cleanup threshold

N
W E
S

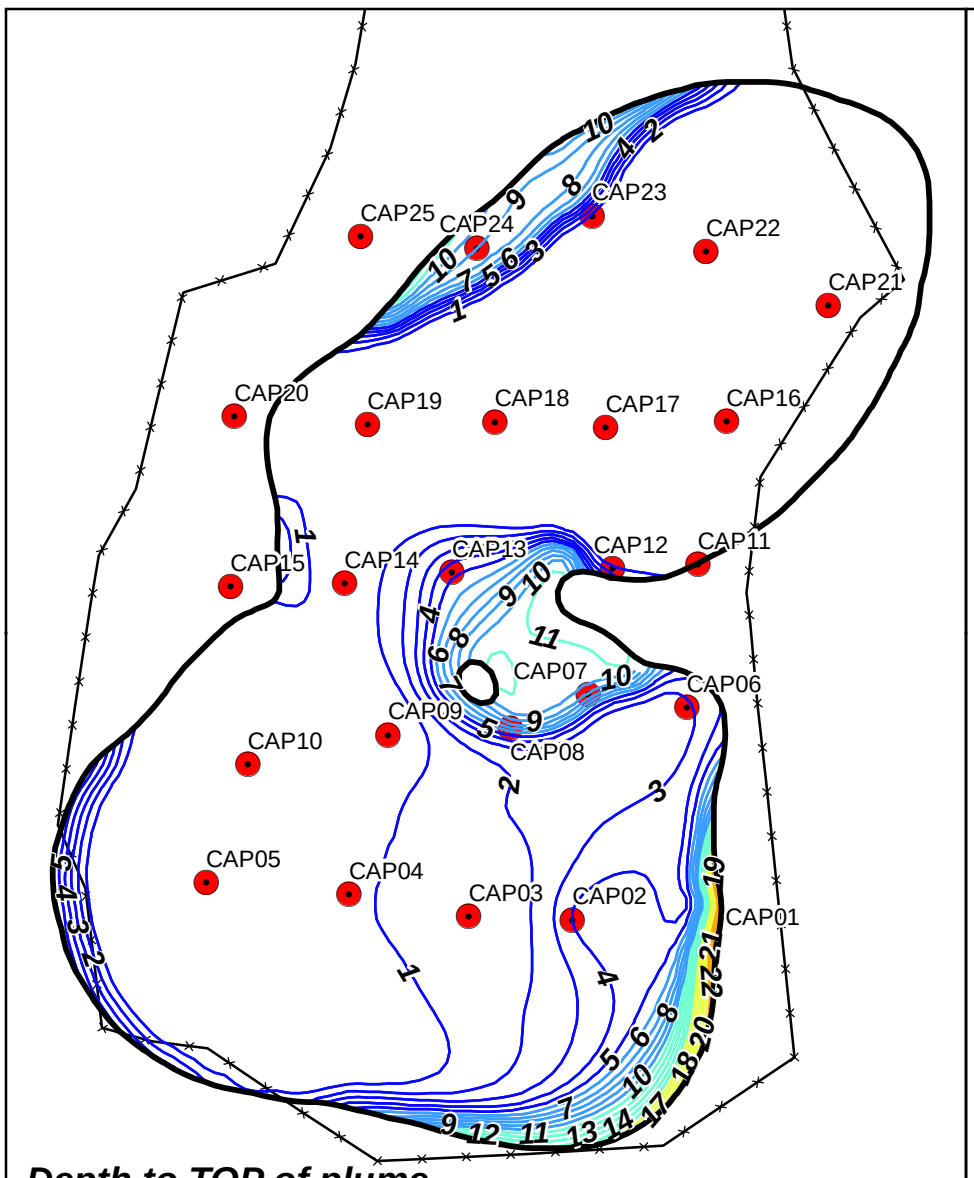
Feet
50 40 30 20 10 0 50

Coordinate Sytem:
Connecticut State Plane
NAD 83, Feet

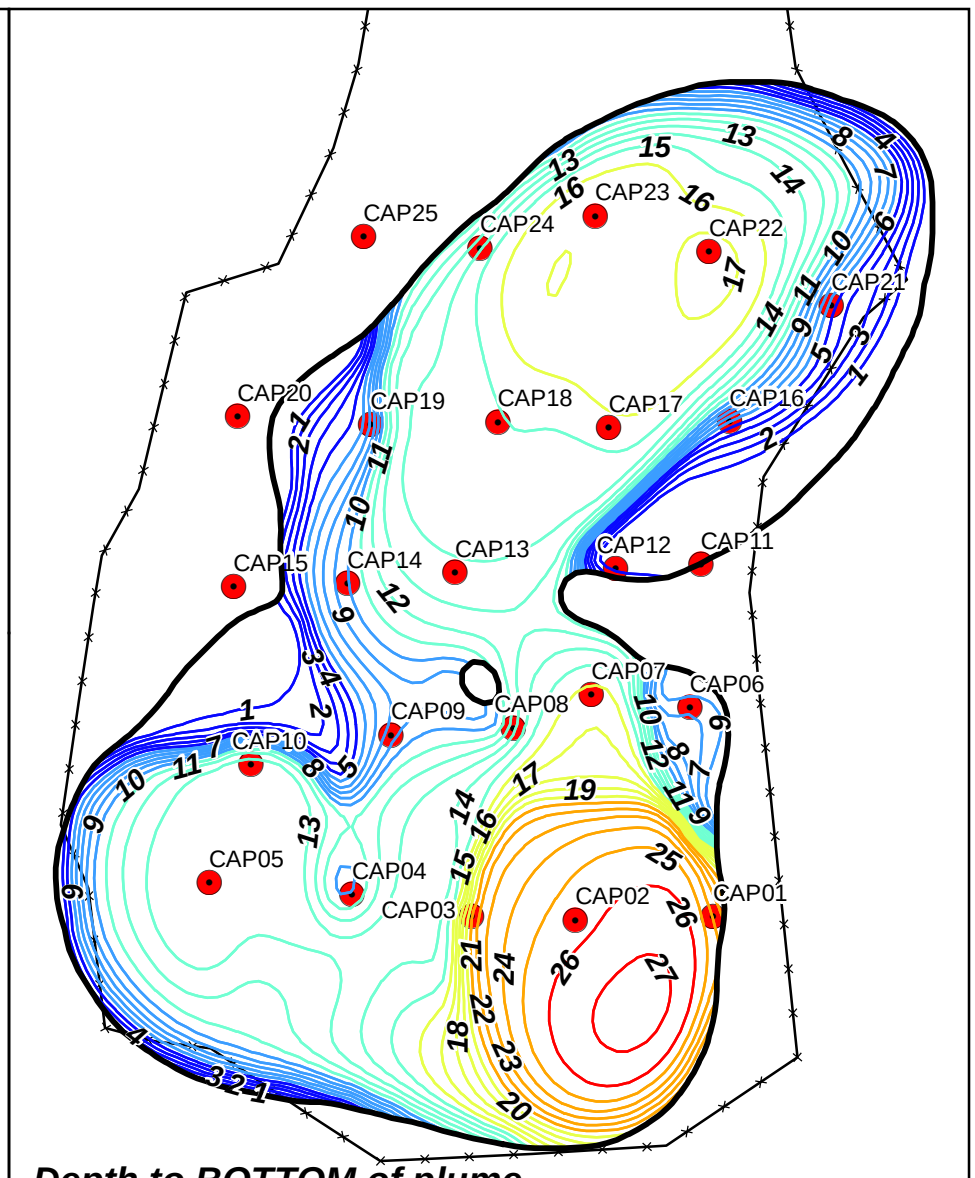
Contamination Depths Based on the Modeled Distribution of Aroclor-1260 (mg/kg)

Former Scovill Landfill
Waterbury, CT

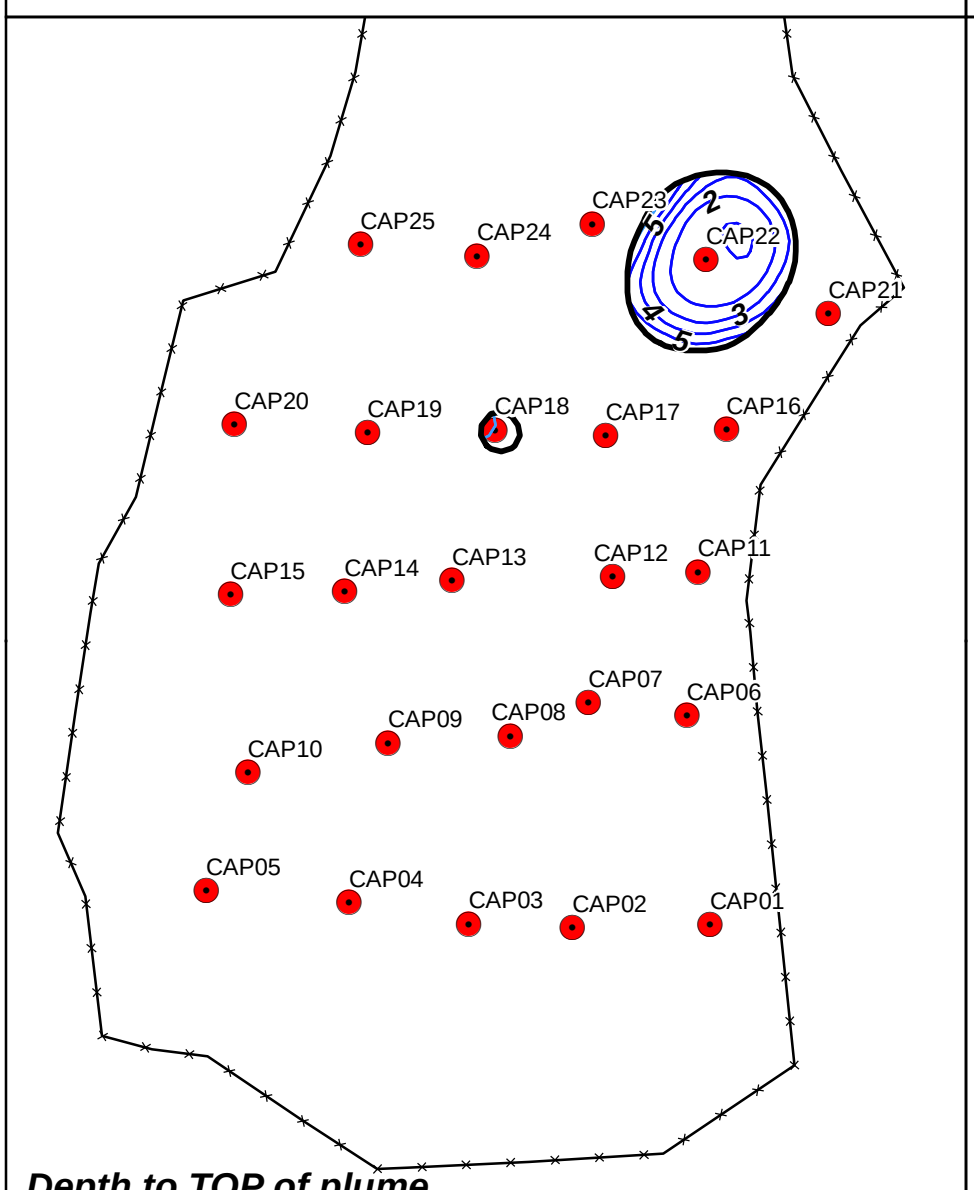
File: C:\Projects\Scovill\GIS\mxd\Aroclor1260_PlumeTopBottom.mxd, 23-Feb-09 12:55, STROBRID



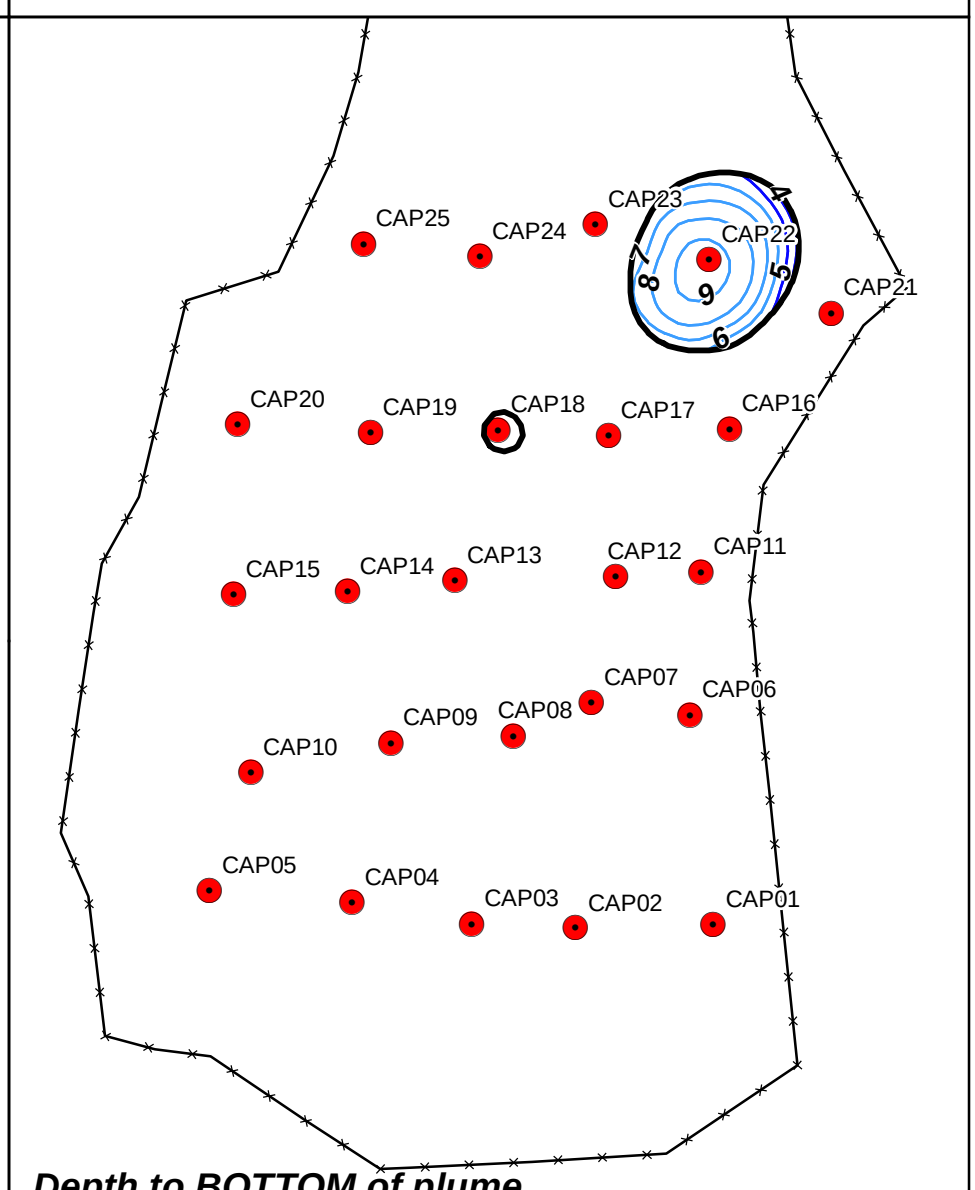
Depth to TOP of plume based on EPA threshold.



Depth to BOTTOM of plume based on EPA threshold.



Depth to TOP of plume based on CT threshold.



Depth to BOTTOM of plume based on CT threshold.

Legend

- Direct Push Borings
- Site Fence
- Maximum Extent of Cleanup Threshold

Depth (ft)

- 1 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- 21 - 25
- 26 - 30

Notes:

1) All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.

2) CT = Connecticut State cleanup threshold
EPA = Environmental Protection Agency cleanup threshold

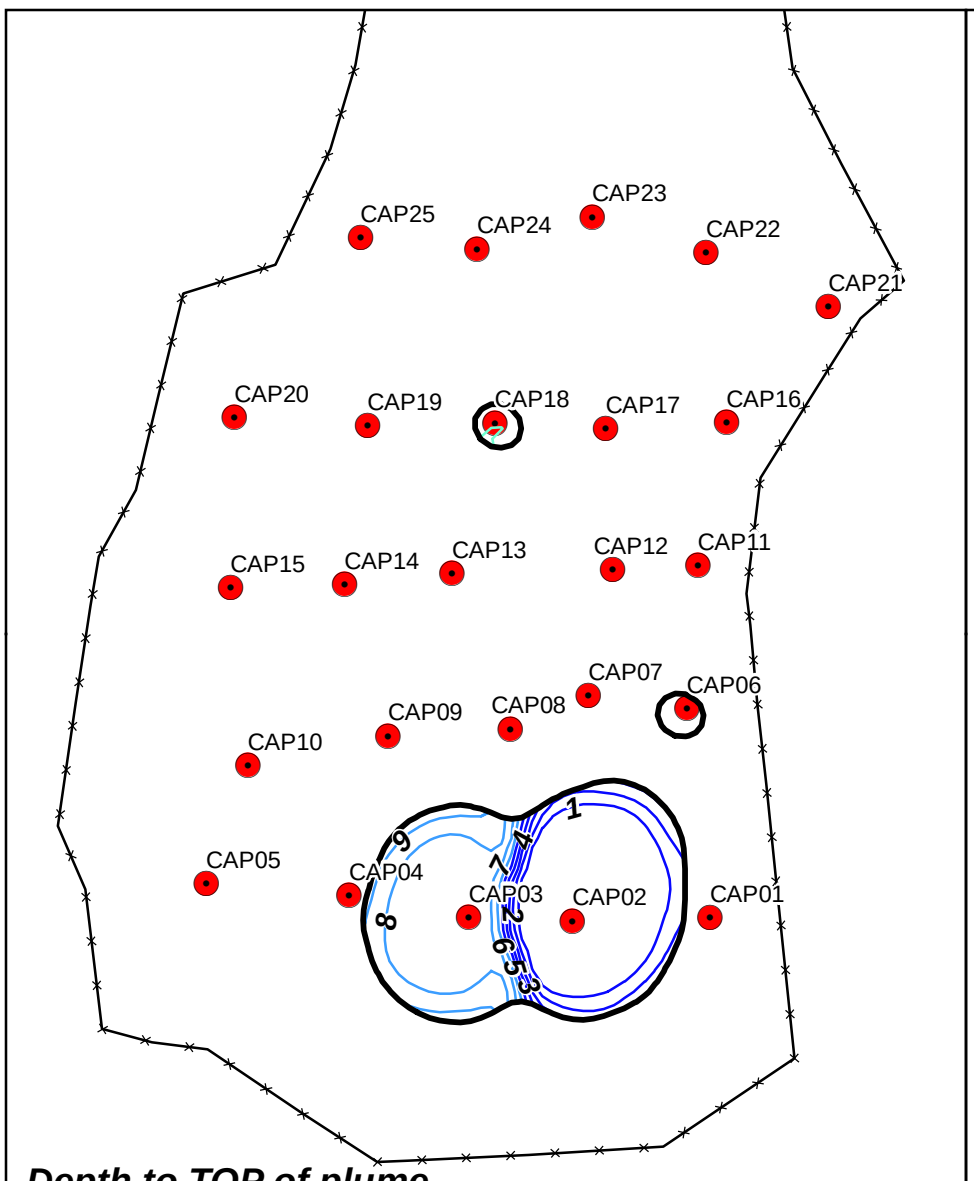
N W E S

Feet
50 40 30 20 10 0 50

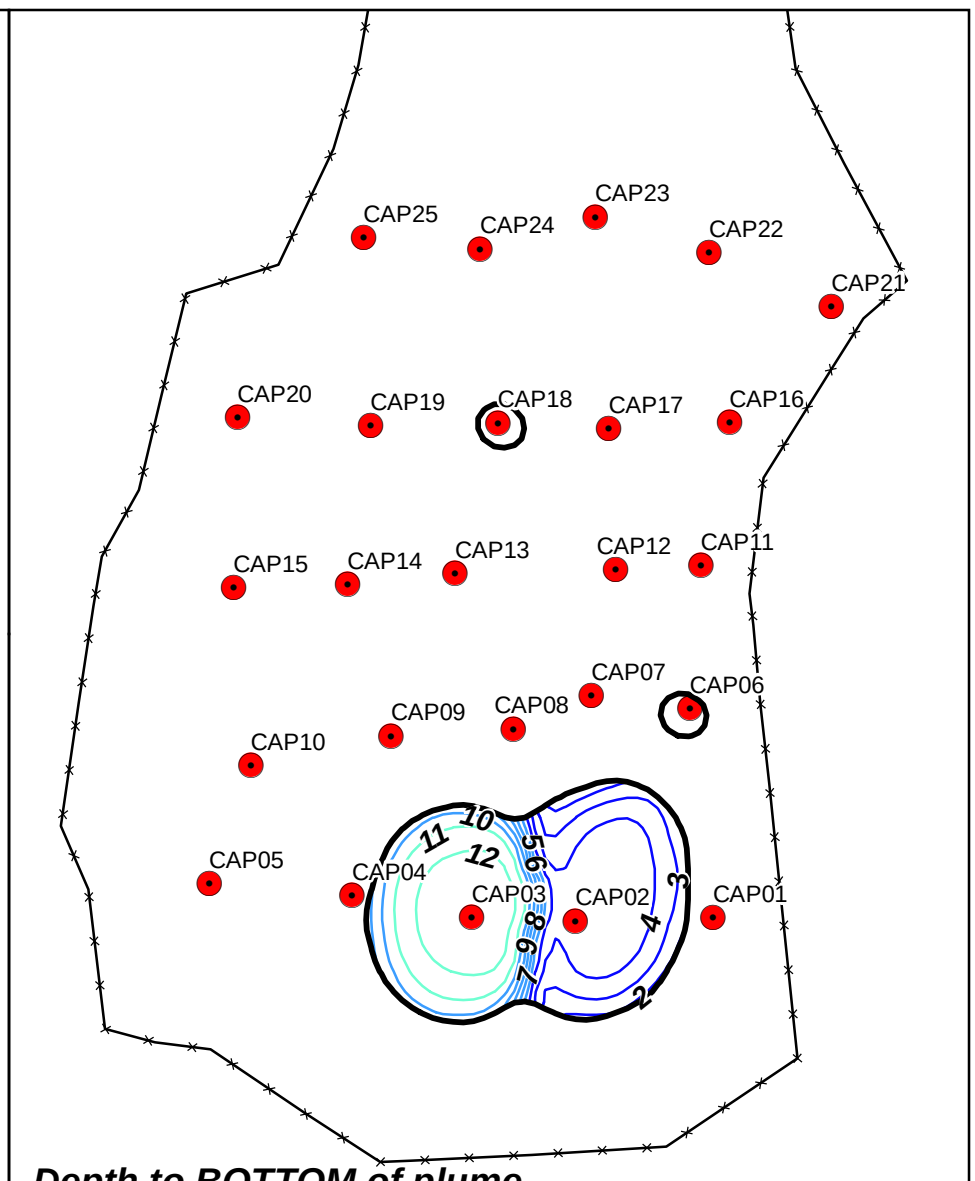
Coordinate Sytem: Connecticut State Plane NAD 83, Feet

Contamination Depths Based on the Modeled Distribution of Nickel (mg/kg)

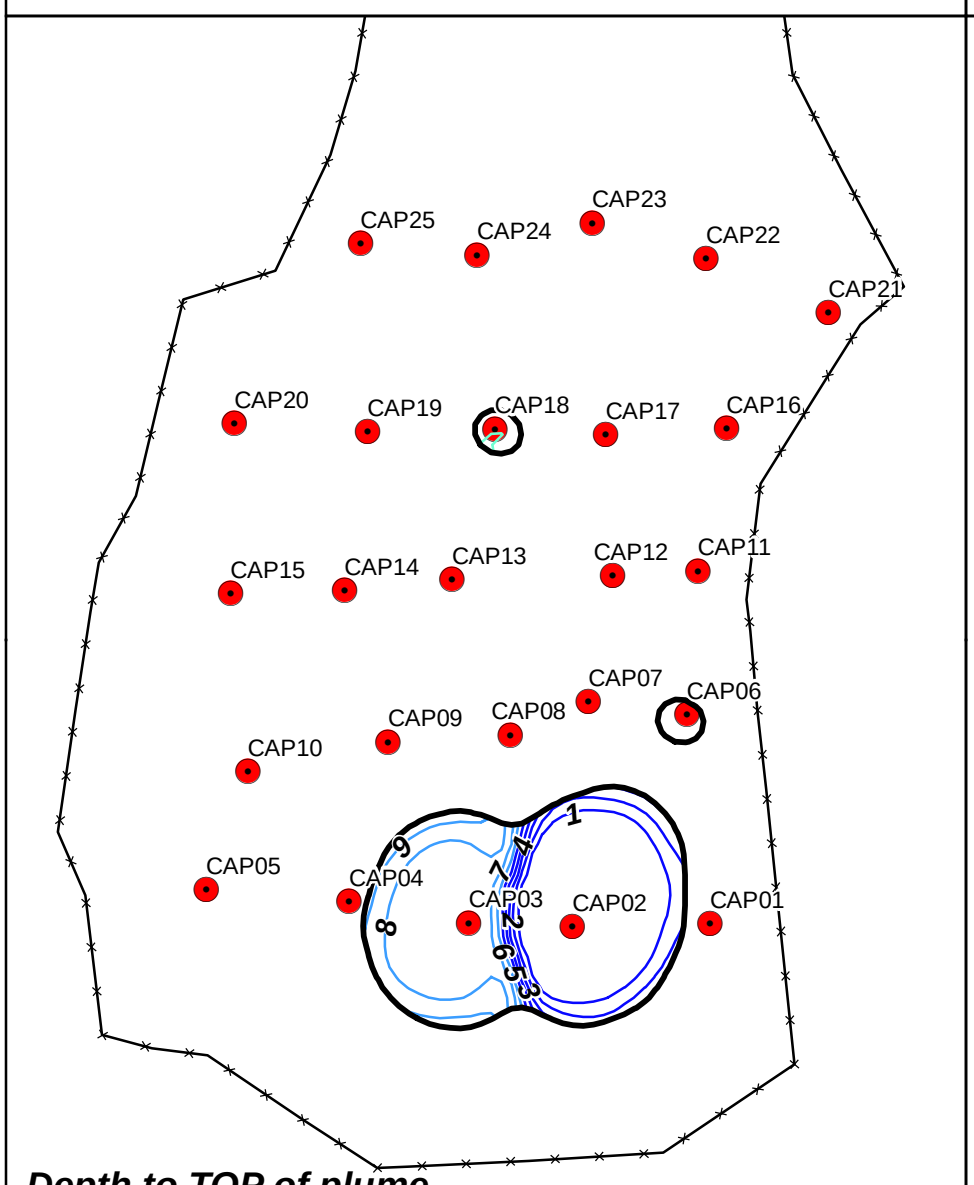
Former Scovill Landfill
Waterbury, CT



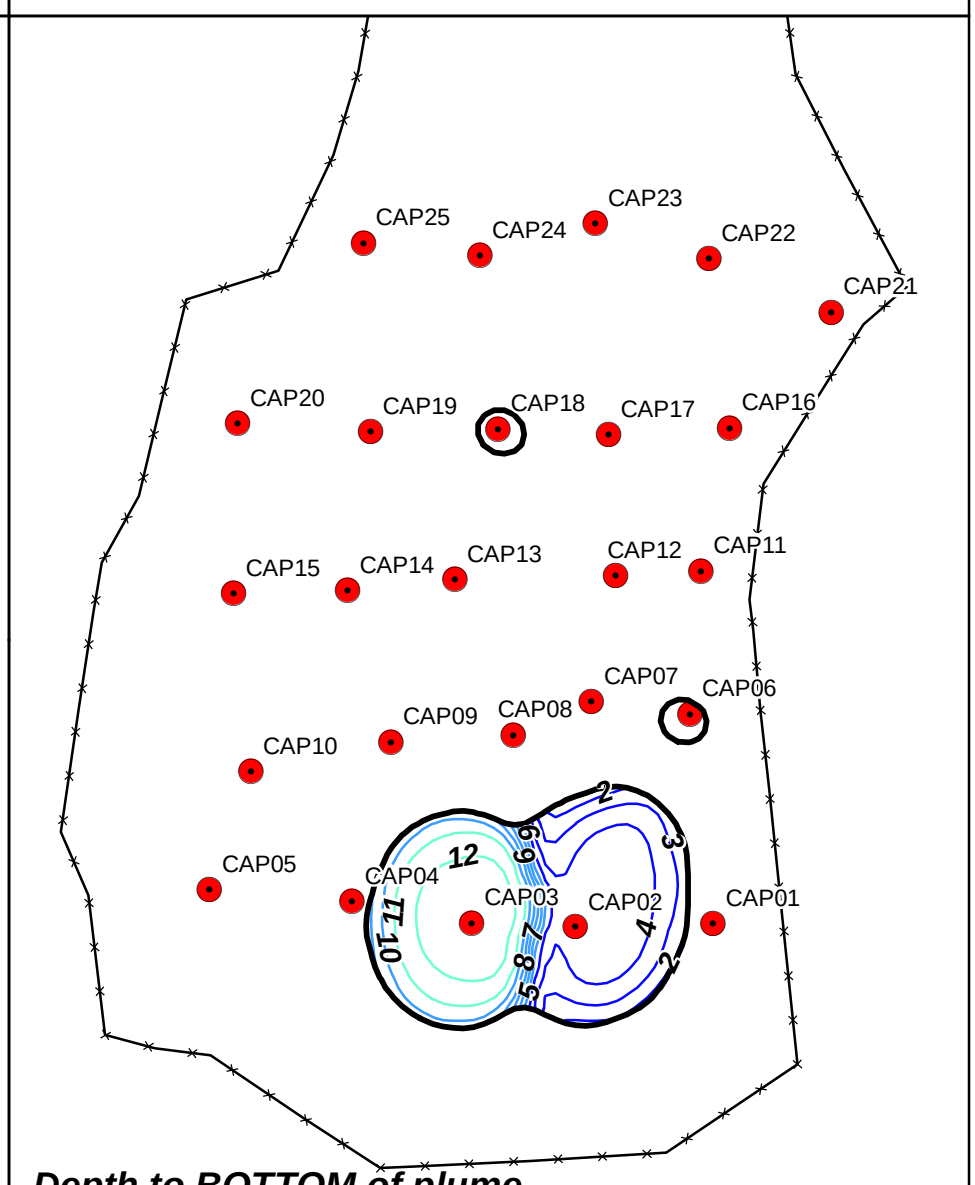
Depth to TOP of plume based on EPA threshold.



Depth to BOTTOM of plume based on EPA threshold.



Depth to TOP of plume based on CT threshold.



Depth to BOTTOM of plume based on CT threshold.

Legend

- Direct Push Borings
- Site Fence
- Maximum Extent of Cleanup Threshold

Depth (ft)

- 1 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- 21 - 25
- 26 - 30

Notes:

1) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
2) *CT = Connecticut State cleanup threshold*
   EPA = Environmental Protection Agency cleanup threshold

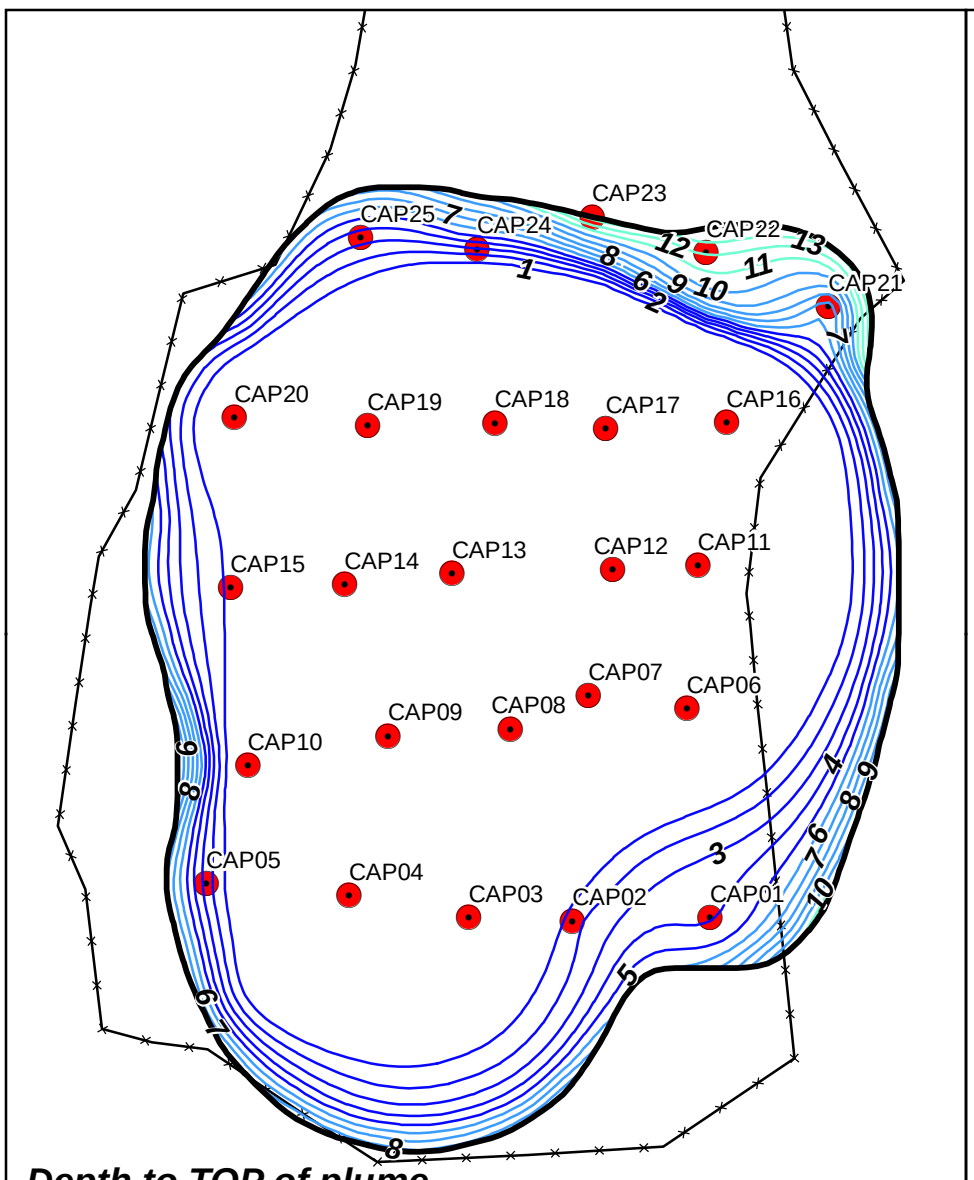
N W E S

Feet
50 40 30 20 10 0 50

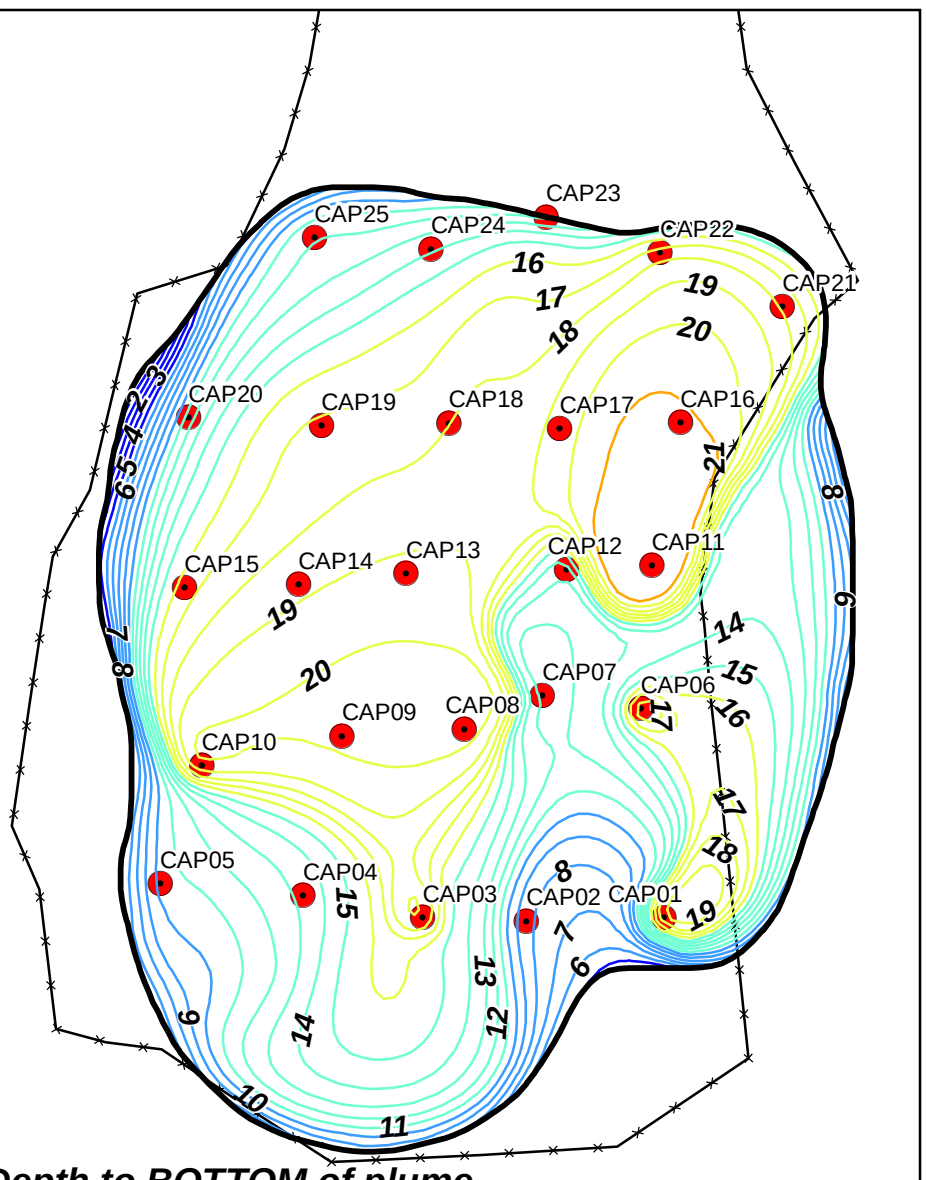
Coordinate Sytem: Connecticut State Plane NAD 83, Feet

Contamination Depths Based on the Modeled Distribution of Lead (mg/kg)

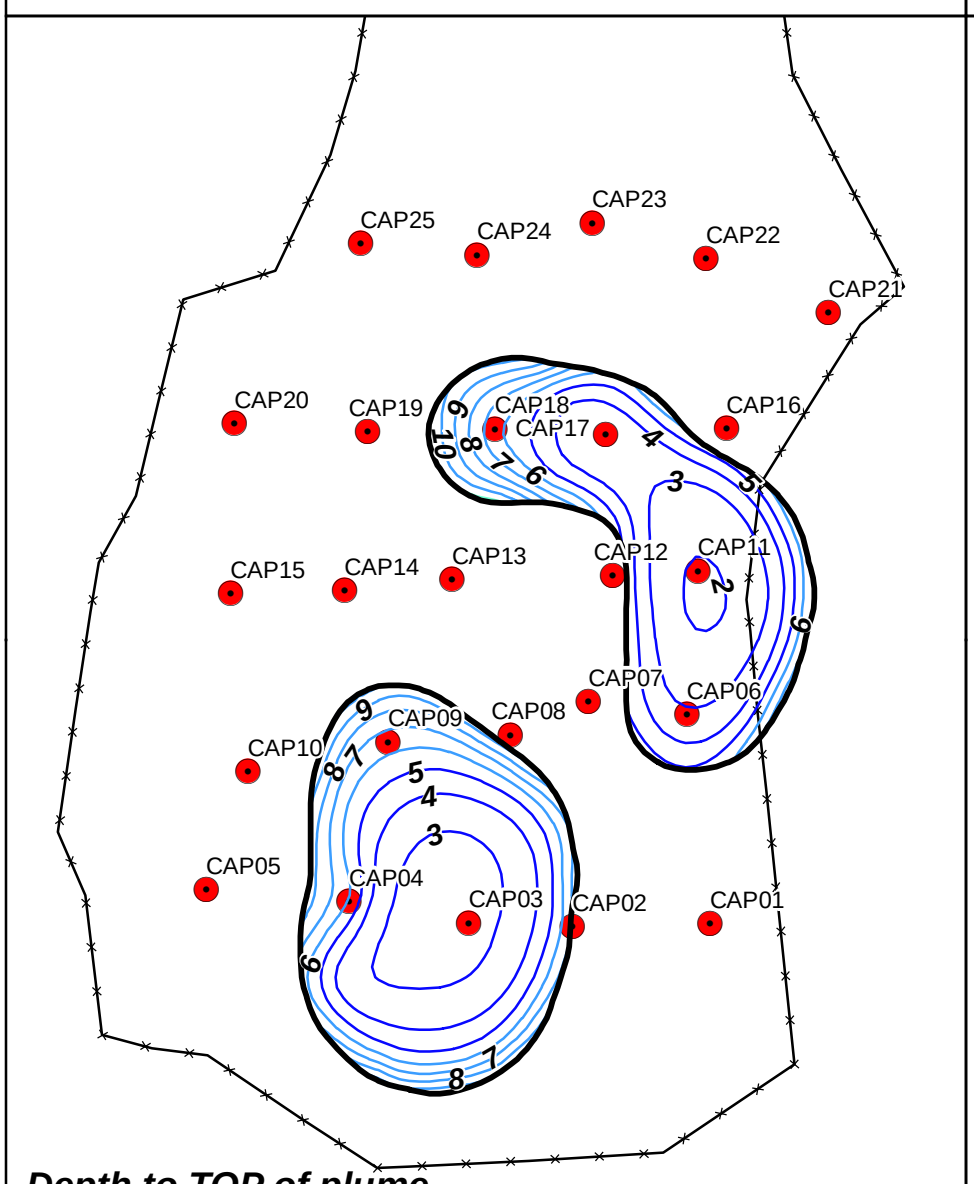
Former Scovill Landfill
Waterbury, CT



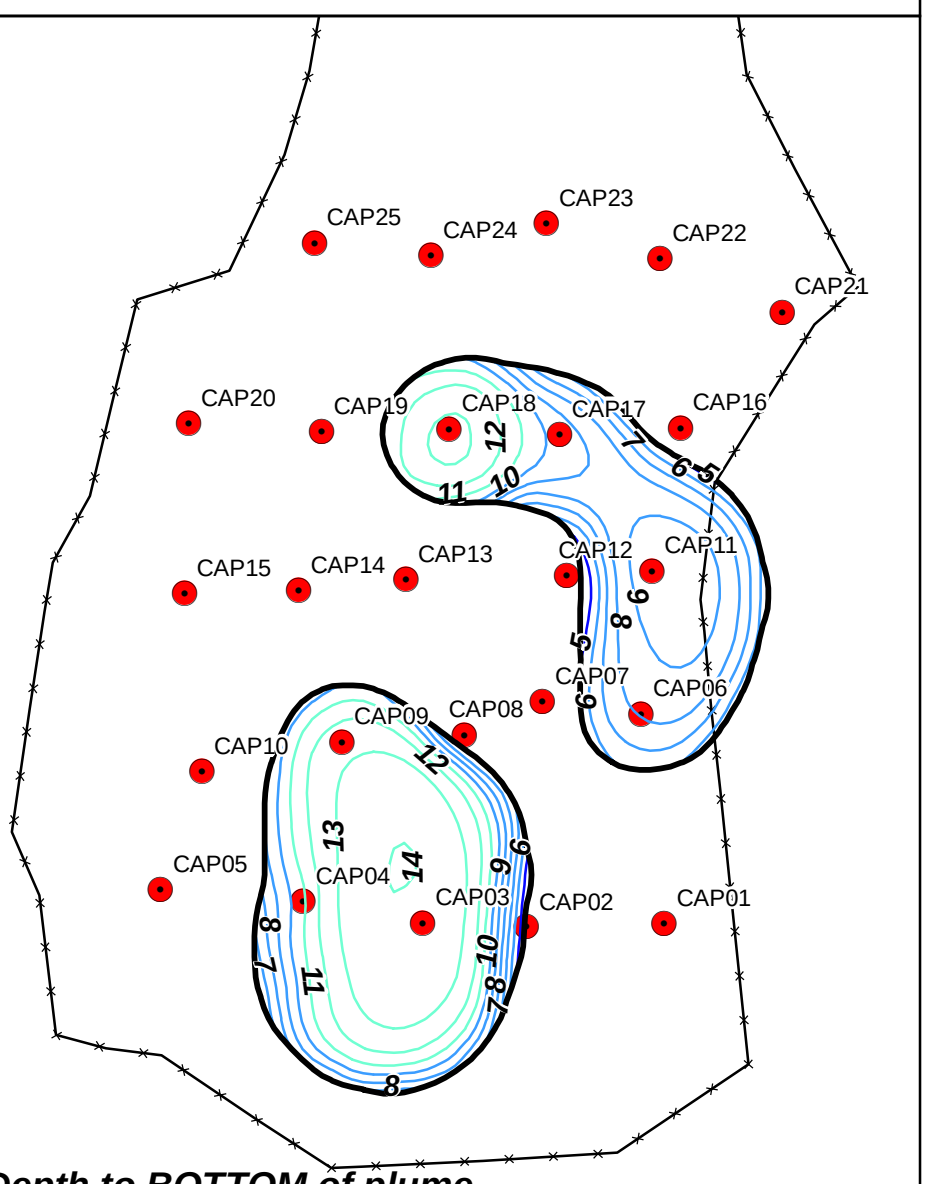
Depth to TOP of plume based on EPA threshold.



Depth to BOTTOM of plume based on EPA threshold.



Depth to TOP of plume based on CT threshold.



Depth to BOTTOM of plume based on CT threshold.

Legend

- Direct Push Borings
- Site Fence
- Maximum Extent of Cleanup Threshold

Depth (ft)

- 1 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- 21 - 25
- 26 - 30

Notes:

1) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
2) *CT = Connecticut State cleanup threshold*
   EPA = Environmental Protection Agency cleanup threshold

N W E S

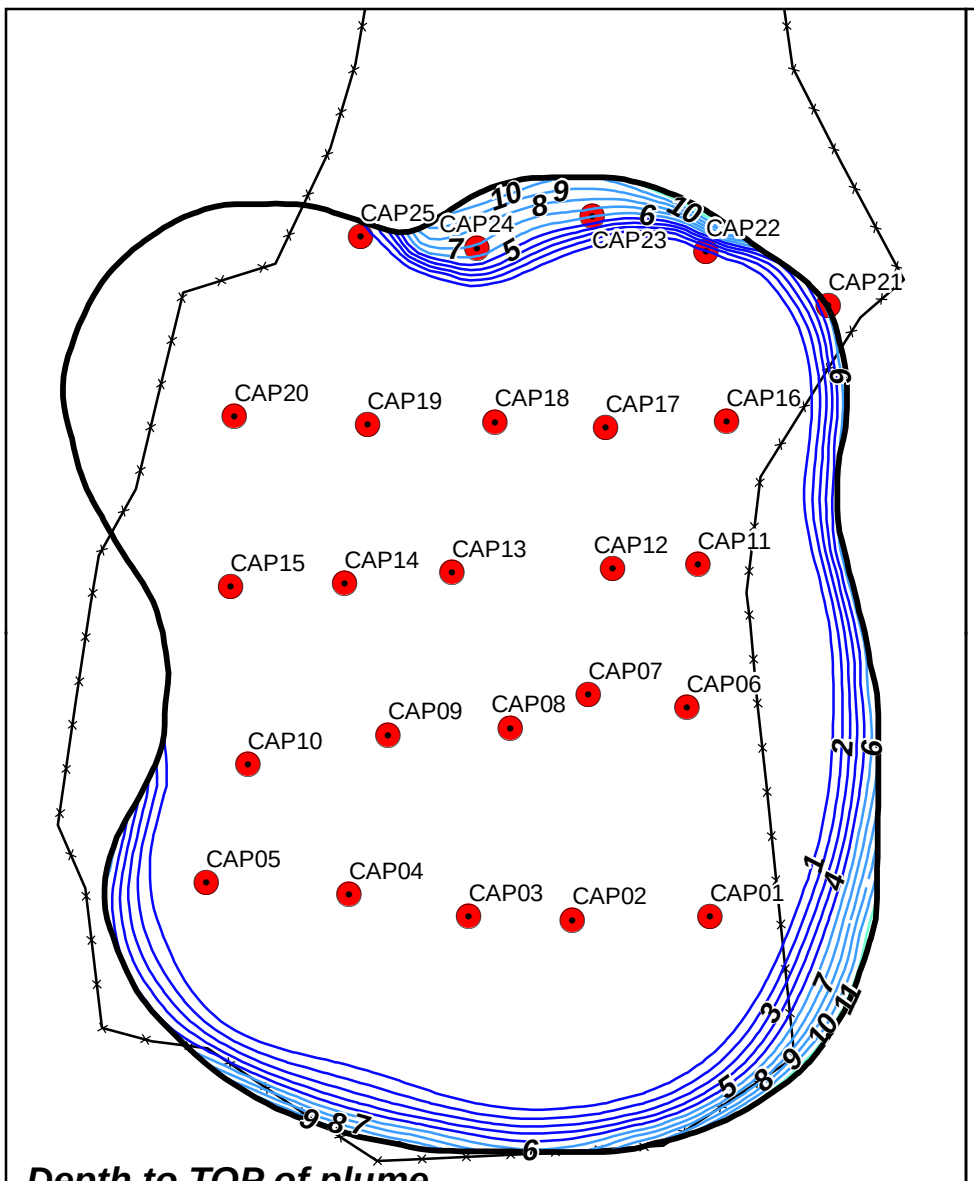
Feet
50 40 30 20 10 0 50

Coordinate Sytem: Connecticut State Plane NAD 83, Feet

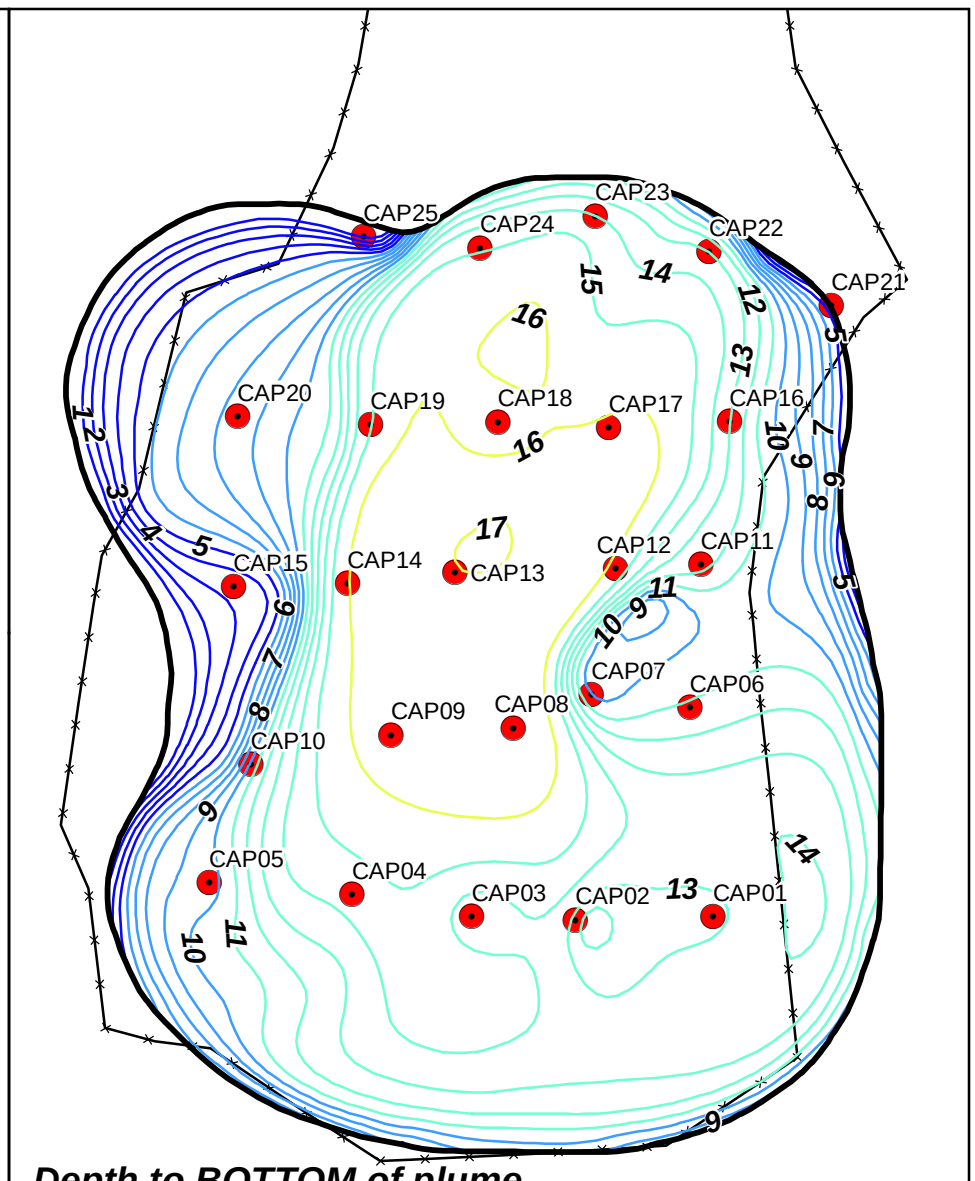
Contamination Depths Based on the Modeled Distribution of Chromium (mg/kg)

Former Scovill Landfill
Waterbury, CT

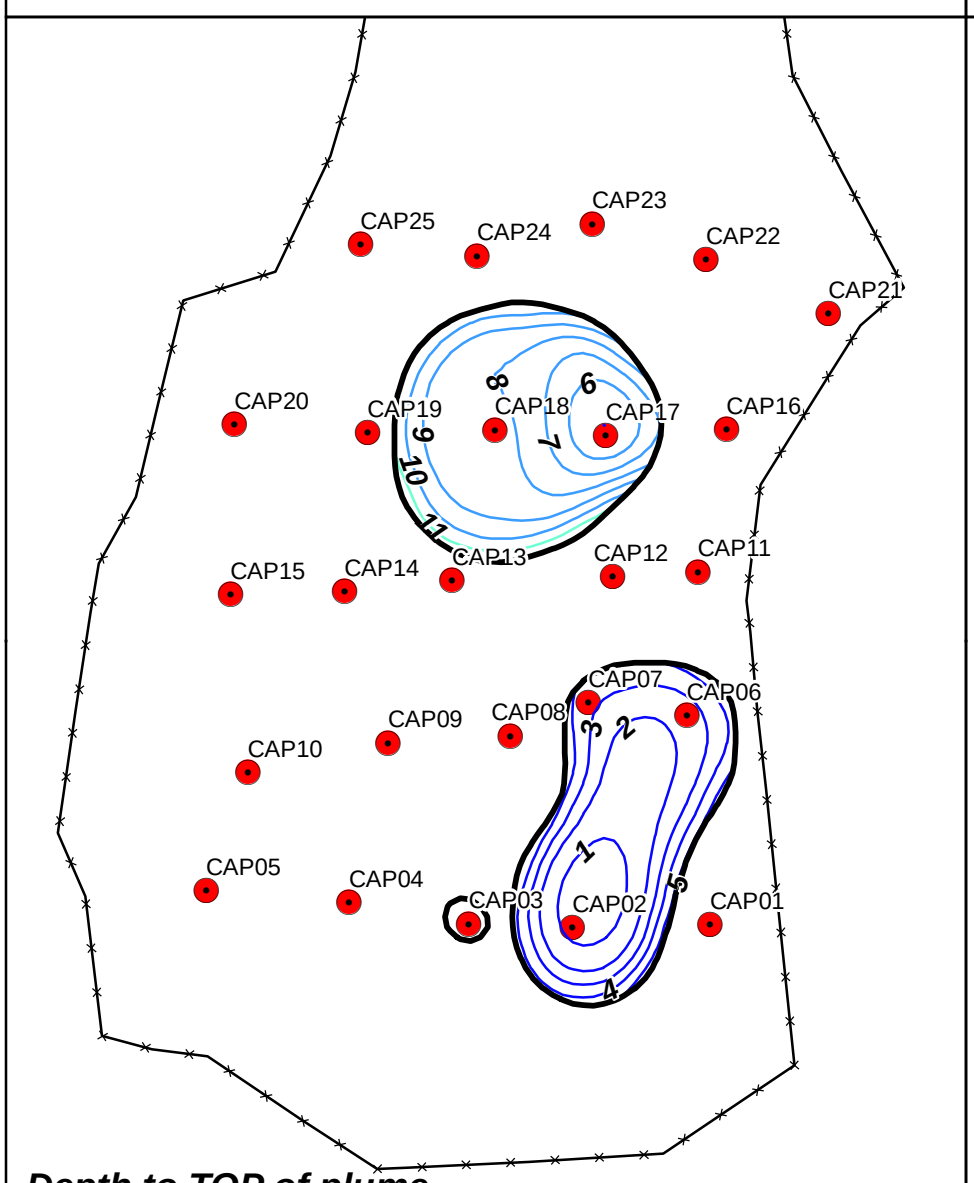
File: C:\Projects\Scovill\GIS\mxd\Chromium_PlumeTopBottom.mxd, 23-Feb-09 12:57, STROBRID



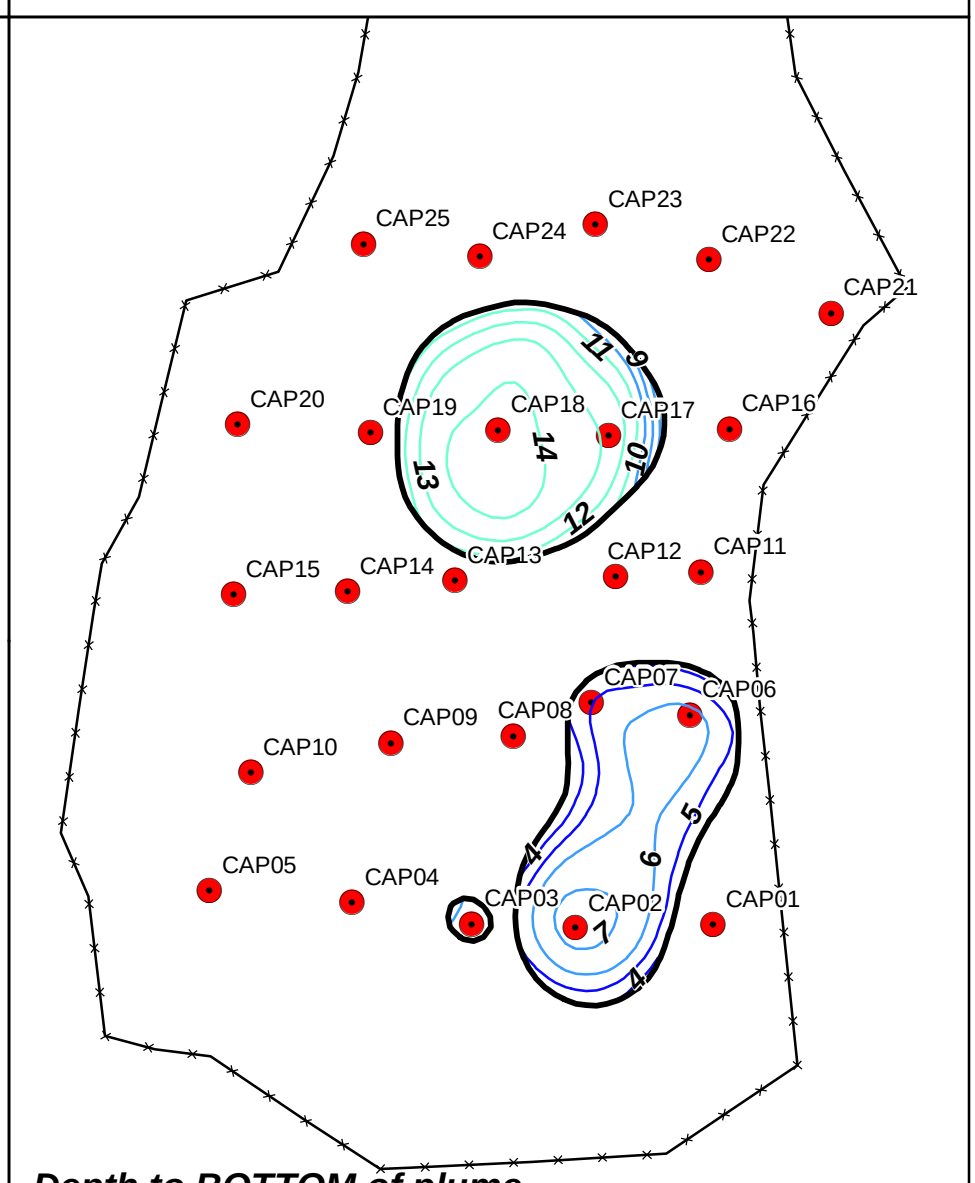
Depth to TOP of plume based on EPA threshold.



Depth to BOTTOM of plume based on EPA threshold.



Depth to TOP of plume based on CT threshold.



Depth to BOTTOM of plume based on CT threshold.

Legend

- Direct Push Borings
- Site Fence
- Maximum Extent of Cleanup Threshold

Depth (ft)

- 1 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- 21 - 25
- 26 - 30

Notes:

1) *All contour maps are 2D extractions from a 3D model assembled with EarthVisions based on all of the data.*
2) *CT = Connecticut State cleanup threshold*
   EPA = Environmental Protection Agency cleanup threshold

N W E S

Feet
50 40 30 20 10 0 50

Coordinate Sytem: Connecticut State Plane NAD 83, Feet

Contamination Depths Based on the Modeled Distribution of Copper (mg/kg)

Former Scovill Landfill
Waterbury, CT

Volumes Based on EPA Cleanup Threshold

Compound	Threshold (mg/k)	Contaminated Acreage	Contaminated Volume (yd^3)	"Clean" Soil Above Plume (yd^3)
Aroclor1254	0.22	0.35	3,394	31
Aroclor1260	0.22	0.91	10,460	164
Nickel	160	1.90	63,514	314
Lead	400	0.23	1,087	33
Chromium	23	2.03	43,039	95
Copper	310	2.32	41,292	78

Volumes Based on CT Cleanup Threshold

Compound	Threshold (mg/k)	Contaminated Acreage	Contaminated Volume (yd^3)	"Clean" Soil Above Plume (yd^3)
Aroclor1254	1	0.33	3,136	116
Aroclor1260	1	0.29	1,376	1,481
Nickel	1400	0.09	871	850
Lead	400	0.23	1,087	33
Chromium	100	0.59	5,148	4,431
Copper	2500	0.37	2,186	3,317

APPENDIX L

Appendix L Table L1
Groundwater Profiling - August 2010
Mobile/Fixed Lab Results
Scovill Industrial Landfill Superfund Site
Waterbury, CT

FIELD LAB DATA

			Sample Location	OP1		OP2		OP2		OP3		OP3		OP4		OP4		OP6		OP6		OP9		P1		P1		P10		P2	
			Depth (feet below grade)	13		11		14		12		15		11		14		11		14		12		13		16		11		13	
			Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	CAS Number	CT-GW-RVC	CT-GW-RVC-P	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CHLOROFORM	67-66-3	287	26	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
CIS-1,2-DICHLOROETHENE	156-59-2	--	830	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6		0.5	U	0.5	U	0.5	U	0.5	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	--	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
TETRACHLOROETHENE	127-18-4	1500	340	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.04	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TRICHLOROETHENE	79-01-6	219	27	0.2	U	0.1		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
VINYL CHLORIDE	75-01-4	2	1.6	**5.1**		0.4		0.2	U	0.5		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	**3.4**		0.2	U	0.2	U	0.2	U	0.4	

FIXED LAB DATA

			Sample Location	OP1		OP2		OP2		OP3		OP4		OP4		OP6		OP6		OP9		P1		P1		P10		P2		P2	
			Depth (feet below grade)	16		11		14		15		11		14		11		14		12		13		16		11		13		16	
			Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	CAS Number	CT-GW-RVC	CT-GW-RVC-P	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CHLOROFORM	67-66-3	287	26	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CIS-1,2-DICHLOROETHENE	156-59-2	--	830	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.32	J	0.5	U	0.5	U	0.5	U	0.5	U	1.4	
CIS-1,3-DICHLOROPROPENE	10061-01-5	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TETRACHLOROETHENE	127-18-4	1500	340	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TRICHLOROETHENE	79-01-6	219	27	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
VINYL CHLORIDE	75-01-4	2	1.6	**3.7**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**5.7**		0.5	U	0.5	U	0.5	U	0.5	U	**6**	

CT-GW-RVC; Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E
CT-GW-RVC-P; Connecticut Proposed Changes to the Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
VALUE Indicates that an exceedance of a screening value.

Appendix L Table L1
Groundwater Profiling - August 2010
Mobile/Fixed Lab Results
Scovill Industrial Landfill Superfund Site
Waterbury, CT

FIELD LAB DATA

			Sample Location	P2[1]		P3		P3		P4[2]		P4		P6		P7		P7		P7	
			Depth (feet below grade)	16		13		16		15		21		14		17		14		17	
			Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	CAS Number	CT-GW-RVC	CT-GW-RVC-P	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CHLOROFORM	67-66-3	287	26	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
CIS-1,2-DICHLOROETHENE	156-59-2	--	830	5		0.5	U	0.5	U	64		2.3		0.5	U	0.5	U	0.5	U	0.5	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	--	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
TETRACHLOROETHENE	127-18-4	1500	340	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TRICHLOROETHENE	79-01-6	219	27	0.18		0.2	U	0.2	U	12		1.7		0.2	U	0.2	U	0.2	U	0.2	U
VINYL CHLORIDE	75-01-4	2	1.6			0.2	U	0.3		**17**		**2**		0.2	U	0.2	U	0.2	U	0.2	U

FIXED LAB DATA

			Sample Location	P3		P3		P4		P4		P6		P7		P7		P7		P9	
			Depth (feet below grade)	13		16		15		21		14		17		14		17		11	
			Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	CAS Number	CT-GW-RVC	CT-GW-RVC-P	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CHLOROFORM	67-66-3	287	26	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CIS-1,2-DICHLOROETHENE	156-59-2	--	830	0.5	U	0.5	U	35	D	1		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	--	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TETRACHLOROETHENE	127-18-4	1500	340	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TRICHLOROETHENE	79-01-6	219	27	0.5	U	0.5	U	12		0.81		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
VINYL CHLORIDE	75-01-4	2	1.6	0.5	U	0.5	U	**18**	D	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.1	

CT-GW-RVC; Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E
CT-GW-RVC-P; Connecticut Proposed Changes to the Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E
µg/L - Micrograms per Liter (part per billion)
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Appendix L Table L2
Groundwater Profiling - August 2010
Mobile/Fixed Lab Results
Scovill Industrial Landfill Superfund Site
Waterbury, CT

Sample Location	Depth (ft bgs)	Sample Name	Analyte (ug/L)	Field Result	Field Qualifier	Lab Result	Lab Qualifier	Correlation
OP4	14	OP4-14-02	PCE	0.04		0.5	U	
OP2	11	OP2-11-01	TCE	0.1		0.5	U	
P2	16	P2-16-02 *	TCE	0.18		0.5	U	
P4	15	P4-15-02 **	TCE	12		12		0%
P4	21	P-4-21	TCE	1.7		0.81		110%
OP9	12	OP9-12-01	cis-1,2 DCE	0.6		0.32	J	88%
P2	16	P2-16-02 *	cis-1,2 DCE	5		1.4		257%
P4	15	P4-15-02 **	cis-1,2 DCE	64		35		83%
P4	21	P-4-21	cis-1,2 DCE	2.3		1		130%
OP2	11	OP2-11-01	VC	0.4		0.5	U	
OP9	12	OP9-12-01	VC	3.4		5.7		40%
P2	13	P2-13-01	VC	0.4		0.5	U	
P3	16	P3-16-02	VC	0.3		0.5	U	
P4	15	P4-15-02 **	VC	17		18	D	6%
P4	21	P-4-21	VC	2		0.5	U	
P9	11	P9-11-01	VC	0.9		1.1		18%

(1) P2-16-02 had many unidentified peaks and a strong fuel odor
(2) P4-15-02 had a few unidentified peaks

Appendix L Table L3
Groundwater Profiling - November 2010
Mobile/Fixed Lab Results
Scovill Industrial Landfill Superfund Site
Waterbury, CT

FIELD LAB DATA

			Sample Location	CB		P11		P11		P12		P12		P13		P13		P14		P14		P15		P15		F
			Depth (feet below grade)	--		11		16		11		16		11		16		11		16		12		17		
			Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		u
Chemical Name	CAS Number	CT-GW-RVC	CT-GW-RVC-P	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
CHLOROFORM	67-66-3	287	26	0.6		0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2
CIS-1,2-DICHLOROETHENE	156-59-2	--	830	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.8		1.8
CIS-1,3-DICHLOROPROPENE	10061-01-5	--	--	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
TETRACHLOROETHENE	127-18-4	1500	340	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.06
TRICHLOROETHENE	79-01-6	219	27	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.4		0.4
VINYL CHLORIDE	75-01-4	2	1.6	0.2	ND	0.2	ND	0.4		**1.8**		**1.8**		0.6		0.6		0.2	ND	0.2	ND	0.4		0.6		**2**

FIXED LAB DATA

			Sample Location	P12		P12		P15		P15		P18		P18		P19		P19		P20		P20		P21		F
			Depth (feet below grade)	11		16		12		17		11		16		12		17		12		17		12		
			Result Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		u
Chemical Name	CAS Number	CT-GW-RVC	CT-GW-RVC-P	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
CHLOROFORM	67-66-3	287	26	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5
CIS-1,2-DICHLOROETHENE	156-59-2	--	830	5	U	5	U	5	U	0.38	J	1.1	J	0.21	J	0.32	J	5	U	1.1	J	5	U	0.21	J	1.2
CIS-1,3-DICHLOROPROPENE	10061-01-5	--	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5
TETRACHLOROETHENE	127-18-4	1500	340	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5
TRICHLOROETHENE	79-01-6	219	27	5	U	5	U	5	U	0.64	J	0.33	J	0.15	J	0.41	J	5	U	5	U	5	U	5	U	5
VINYL CHLORIDE	75-01-4	2	1.6	**3.4**	J	**2.9**	J	5	U	5	U	**3.1**	J	5	U	5	U	5	U	0.84	J	5	U	5	U	1.4

CT-GW-RVC; Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E
CT-GW-RVC-P; Connecticut Proposed Changes to the Residential Volatilization Crtieria for Groundwater; State of Connecticut Regulation 22a-133k-1 through k-3 Appendix E
µg/L - Micrograms per Liter (part per billion)
-- - No standard value is available
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Appendix L Table L3
Groundwater Profiling - November 2010
Mobile/Fixed Lab Results
Scovill Industrial Landfill Superfund Site
Waterbury, CT

FIELD LAB DATA

		P16		P16		P17		P17		P18		P18		P18A		P19		P19		P20		P20		P21		P21 (1)		P
		12		19		11		16		11		16		11		12		17		12		17		12		17		
		g/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		u
Chemical Name	CAS Number	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
CHLOROFORM	67-66-3	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2
CIS-1,2-DICHLOROETHENE	156-59-2		0.7		0.5	ND	0.5	ND	1.4		0.5	ND	1.4		0.5	ND	0.5	ND	1.8		0.5	ND	0.5	ND	326		1.5
CIS-1,3-DICHLOROPROPENE	10061-01-5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
TETRACHLOROETHENE	127-18-4		0.02		0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.04		0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2
TRICHLOROETHENE	79-01-6		0.2	ND	0.2	ND	0.2	ND	0.4		0.04		0.4		0.5		0.2	ND	0.2	ND	0.2	ND	0.2	ND	3.7		0.2
VINYL CHLORIDE	75-01-4		1.3		0.5		0.4		0.4		0.2	ND	**1.9**		**3.5**		1.2		1.3		**4.1**		0.5		**10**		1

FIXED LAB DATA

		P21	P27		P27		P36		P36		P39		P39		P40		P40	
		17	12		17		12		17		12		17		12		17	
		g/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	CAS Number	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CHLOROFORM	67-66-3	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CIS-1,2-DICHLOROETHENE	156-59-2	J	5	U	0.26	J	5	U	5	U	0.45	J	0.35	J	5	U	5	U
CIS-1,3-DICHLOROPROPENE	10061-01-5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TETRACHLOROETHENE	127-18-4	U	5	U	5	U	5	U	5	U	0.52	J	5	U	0.1	J	0.22	J
TRICHLOROETHENE	79-01-6	U	0.41	J	0.32	J	0.23	J	0.26	J	0.16	J	0.74	J	5	U	5	U
VINYL CHLORIDE	75-01-4	J	5	U	5	U	5	U	5	U	5	U	5	U	**2.4**	J	**3.7**	J

Appendix L Table L3
Groundwater Profiling - November 2010
Mobile/Fixed Lab Results
Scovill Industrial Landfill Superfund Site
Waterbury, CT

FIELD LAB DATA

		21A		P22		P22		P23		P23		P24		P24		P25		P25		P26		P26		P27		P27		F
		17		12		17		12		17		12		17		13		18		12		17		12		17		
		g/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		u
Chemical Name	CAS Number	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
CHLOROFORM	67-66-3	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	2.5		0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2
CIS-1,2-DICHLOROETHENE	156-59-2		0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
CIS-1,3-DICHLOROPROPENE	10061-01-5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
TETRACHLOROETHENE	127-18-4	ND	0.09		1.4		0.2	ND	0.09		0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2		0.06		0.2
TRICHLOROETHENE	79-01-6	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.5		0.1		0.2
VINYL CHLORIDE	75-01-4		0.4		0.7		0.8		0.4		1.4		1.1		0.5		0.8		0.6		1.1		1.4		0.5		0.6

FIXED LAB DATA

Chemical Name	CAS Number
CHLOROFORM	67-66-3
CIS-1,2-DICHLOROETHENE	156-59-2
CIS-1,3-DICHLOROPROPENE	10061-01-5
TETRACHLOROETHENE	127-18-4
TRICHLOROETHENE	79-01-6
VINYL CHLORIDE	75-01-4

Appendix L Table L3
Groundwater Profiling - November 2010
Mobile/Fixed Lab Results
Scovill Industrial Landfill Superfund Site
Waterbury, CT

FIELD LAB DATA

		P28		P28		P31		P31		P33		P33		P34		P34		P35		P35		P36		P36		P38		F
		12		17		12		17		12		17		12		17		12		17		12		17		12		
		g/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		u
Chemical Name	CAS Number	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
CHLOROFORM	67-66-3	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	1.5		0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2
CIS-1,2-DICHLOROETHENE	156-59-2	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
CIS-1,3-DICHLOROPROPENE	10061-01-5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
TETRACHLOROETHENE	127-18-4	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.02		0.03		0.2	ND	0.2
TRICHLOROETHENE	79-01-6	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.3		0.6		0.2		0.2		0.2	ND	0.2
VINYL CHLORIDE	75-01-4		0.3		0.5		**2.1**		0.2		1		0.7		1.4		1.2		**4.2**		**2.6**		**2.2**		0.6		0.2

FIXED LAB DATA

Chemical Name	CAS Number
CHLOROFORM	67-66-3
CIS-1,2-DICHLOROETHENE	156-59-2
CIS-1,3-DICHLOROPROPENE	10061-01-5
TETRACHLOROETHENE	127-18-4
TRICHLOROETHENE	79-01-6
VINYL CHLORIDE	75-01-4

Appendix L Table L3
Groundwater Profiling - November 2010
Mobile/Fixed Lab Results
Scovill Industrial Landfill Superfund Site
Waterbury, CT

FIELD LAB DATA

		P38		P39		P39		P40		P40		P41		P41	
		17		12		17		12		17		12		17	
		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Chemical Name	CAS Number	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CHLOROFORM	67-66-3	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND
CIS-1,2-DICHLOROETHENE	156-59-2	ND	1		0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND
TETRACHLOROETHENE	127-18-4	ND	0.13		0.02		0.1		0.1		0.2	ND	0.2	ND	0.2	ND
TRICHLOROETHENE	79-01-6	ND	0.2	ND	0.3		0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND
VINYL CHLORIDE	75-01-4		0.6		0.2		1.4		**2.3**		0.6		0.6		0.6	

FIXED LAB DATA

Chemical Name	CAS Number
CHLOROFORM	67-66-3
CIS-1,2-DICHLOROETHENE	156-59-2
CIS-1,3-DICHLOROPROPENE	10061-01-5
TETRACHLOROETHENE	127-18-4
TRICHLOROETHENE	79-01-6
VINYL CHLORIDE	75-01-4

Appendix L Table L4
Groundwater Profiling - November 2010
Mobile/Fixed Lab Results
Scovill Industrial Landfill Superfund Site
Waterbury, CT

Sample Location	Depth (ft bgs)	Sample Name	Analyte (ug/L)	Field Result	Field Qualifier	Lab Result	Lab Qualifier	Correlation
P19	12	P19-12	PCE	0.04		5	U	
P27	12	P27-12	PCE	0.2		5	U	
P27	17	P27-17	PCE	0.06		5	U	
P36	12	P36-12	PCE	0.02		5	U	
P36	17	P36-17	PCE	0.03		5	U	
P39	12	P39-12	PCE	0.13		0.52	J	75%
P39	17	P39-17	PCE	0.02		5	U	
P40	12	P40-12	PCE	0.1		0.1	J	0%
P40	17	P40-17	PCE	0.1		0.22	J	55%
P15	17	P15-17	TCE	0.4		0.64	J	38%
P18	11	P18-11	TCE	0.4		0.33	J	21%
P18	16	P18-16	TCE	0.04		0.15	J	73%
P19	12	P19-12	TCE	0.5		0.41	J	22%
P21	17	P21-17	TCE	3.7		5	U	
P27	12	P27-12	TCE	0.5		0.41	J	22%
P27	17	P27-17	TCE	0.1		0.32	J	69%
P36	12	P36-12	TCE	0.2		0.23	J	13%
P36	17	P36-17	TCE	0.2		0.26	J	23%
P39	17	P39-17	TCE	0.3		0.74	J	59%
P15	17	P15-17	cis-1,2 DCE	0.8		0.38	J	111%
P18	11	P18-11	cis-1,2 DCE	1.4		1.1	J	27%
P20	12	P20-12	cis-1,2 DCE	1.8		1.1	J	64%
P21	17	P21-17	cis-1,2 DCE	326		1.2	J	27067%
P39	12	P39-12	cis-1,2 DCE	1		0.45	J	122%
P12	11	P12-11	VC	1.8		3.4	J	47%
P12	16	P12-16	VC	1.8		2.9	J	38%
P15	12	P15-12	VC	0.4		5	U	
P15	17	P15-17	VC	0.6		5	U	
P18	11	P18-11	VC	0.4		3.1	J	87%
P19	12	P19-12	VC	3.5		5	U	
P19	17	P19-17	VC	1.2		5	U	
P20	12	P20-12	VC	1.3		0.84	J	55%
P20	17	P20-17	VC	4.1		5	U	
P21	12	P21-12	VC	0.5		5	U	
P21	17	P21-17	VC	10		1.4	J	614%
P27	12	P27-12	VC	1.4		5	U	
P27	17	P27-17	VC	0.5		5	U	
P36	12	P36-12	VC	2.6		5	U	
P36	17	P36-17	VC	2.2		5	U	
P39	12	P39-12	VC	0.6		5	U	
P39	17	P39-17	VC	0.2		5	U	
P40	12	P40-12	VC	1.4		2.4	J	42%
P40	17	P40-17	VC	2.3		3.7	J	38%

(1) P21-17 had an irreproducible result. There was not enough sample to send to the lab.
Immediately adjacent borings showed nothing at that order of magnitude.

N

Drawn By: DFM | Checked By: BA

12/6/10 | Revision No. 01

APPROXIMATE SCALE
0 50 100 200 Feet

Vertical Profile Location

Existing Shallow Monitoring Well

FIGURE L-1

Vertical Profiling Locations
Scovill Industrial Landfill
Waterbury, CT

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APPENDIX M

Engineering a Sustainable Future

EPA Region 1 RAC 2 Contract No. EP-S1-06-03

August 6, 2012
Nobis Project No. 80018
MA-3553-2012-F

Via Electronic Submittal

U.S. Environmental Protection Agency
Attention: Ms. Almerinda Silva, Task Order Project Officer
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3919

Subject: Supplemental Evaluation of Surface-Water Protection Criteria
Scovill Industrial Landfill Superfund Site, Waterbury, Connecticut
Remedial Investigation/Feasibility Study
EPA Task Order No. 0018-RI-CO-017F

Dear Ms Silva:

Enclosed for EPA review is the Supplemental Evaluation of Surface-Water Protection Criteria for the above referenced Task Order. This version incorporates an approach based on the suggestions provided by Connecticut regulators.

Should you have any questions or comments, please contact me at (978) 703-6006, or ballen@nobisengineering.com.

Sincerely,

NOBIS ENGINEERING, INC.

Boyd Allen III, P.G.
Associate / Senior Project Manager

c: L. Chu
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SUPPLEMENTAL EVALUATION OF SURFACE-WATER PROTECTION CRITERIA
SCOVILL INDUSTRIAL LANDFILL SITE
WATERBURY, CONNECTICUT
AUGUST 2012

1.0 INTRODUCTION

Nobis Engineering, Inc. (Nobis), on behalf of the U.S. Environmental Protection Agency (EPA), is conducting a Remedial Investigation (RI) at the Scovill Industrial Landfill Site (Site) in Waterbury, Connecticut. During the course of regularly scheduled quarterly groundwater sampling (December 2008 through October 2010), some groundwater analytes exceeded Connecticut's Remediation Standard Regulations' (RSRs) Surface-Water Protection Criteria (SWPC). A supplemental evaluation of SWPC is needed (as summarized in this memorandum) to determine whether the groundwater poses a threat to surface water quality at the Mad River, the nearest receiving surface water body.

2.0 GROUNDWATER DATA

Quarterly groundwater samples were collected for the Remedial Investigation from 19 on-site locations and 3 off-site locations between December 2008 and October 2010 (Figure 2-1). Analyte concentrations are sporadic and variable within wells. There is no distinct groundwater plume or pattern of distribution.

3.0 COMPARISON TO TABULATED RSRs

Section 22a-133k-3 (b) of the RSRs encapsulates SWPC regulations governing various organic chemicals and metals that may pose a threat to surface water quality. Allowable SWPC limits are quantified in Appendix D to the RSRs. When comparing sample results to allowable SWPC limits, seven analytes had one or more SWPC exceedances: total arsenic, total cadmium, total copper, total lead, total zinc, phenanthrene, and benzo(k)fluoranthene. An eighth analyte, total manganese, is not cited in RSRs but is included on the 2008 Draft Criteria List. These analytical results are tabulated in Attachment A.

According to 22a-133k-3(b)(1), Surface-water Protection Criteria, *"Except as provided in subdivision (2) of this subsection, remediation of a ground-water plume which discharges to a surface water body shall result in the reduction of each substance therein to a concentration which is consistent with subdivision (2) of subsection (f) of this section and which is equal to or less than the surface-water protection criterion or an alternative surface-water protection criterion established in accordance with subdivision (3) of this subsection."* Subdivision (2) of subsection (f) goes on to state, *"Compliance with a surface-water protection criterion for a substance in ground water is achieved when the sampling locations are representative of the subject ground-water plume and (A) the average concentration of such substance in such plume is equal to or less than the applicable surface-water protection criterion for at least four consecutive quarterly sampling periods or (B) the concentration of such substance in that portion of such plume which is immediately upgradient of the point at which such ground-water discharges to the receiving surface-water body is equal to or less than the applicable surface-water protection criterion, provided that the areal extent of such ground-water plume is not increasing over time and that, except for seasonal variations, the concentration of the subject substance in such ground-water plume is not increasing, except as a result of natural attenuation, at any point over time…"* [22a-133k-3(f)(2)(A) and 22a-133k-3(f)(2)(B)].

Analytical results for the eight analytes exceeding a SWPC were reviewed for the last four quarters, Q4 2009 through Q4 2010. In consultation with the CTDEEP project manager, data review was limited to the wells closest to the downgradient discharge point in the southern portion of the Site: MW-5, MW-6S, and MW-6D (Figure 2-1). Table 3-1 shows the corresponding SWPC and the maximum value for each analyte in the three wells. One analyte, total arsenic, had a maximum value higher than the SWPC. The other, total manganese, has no listed SWPC. Thus, two analytes require evaluation using an acceptable alternative SWPC.

Table 3-1. Summary of SWPC Four Quarter Review

Analyte	SWPC (µg/L)	MW-5 (µg/L)	MW-6S (µg/L)	MW-6D (µg/L)
Total Arsenic	4	0.5 J	11 J	0.34 J
Total Cadmium	6	0.26 J	0.017 J	0.15 J
Total Copper	48	5.2 J	2.5 J	2.5 J
Total Lead	13	0.00	3.3 J	0.00
Total Manganese	No listing	1833	3022	15.7
Total Zinc	123	77.2	14.3 J	9.1 J
Phenanthrene	0.077	0.00	0.00	0.00
Benzo(k)Fluoranthene	0.3	0.00	0.00	0.00

Notes:

1. All values in micrograms per liter (µg/L)
2. Shading indicates exceedance of SWPC or absence of specific SWPC criterion
3. SWPC = Surface Water Protection Criteria (Appendix D to 22a-133k-3 Ground-water Remediation Standards) *Water Quality Standards - Human Health Criteria, Water and Organism from Appendix D, Numerical Water Quality Criteria for Chemical Constituents, 2011 Connecticut Water Quality Standards Effective February 25, 2011* http://www.ct.gov/dep/lib/dep/water/water_quality_standards/wqs_final_adopted_2_25_11.pdf

4.0 CALCULATION OF AN ALTERNATIVE SWPC

Section 22a-133k-3(b)(3) allows calculation of alternative surface-water protection criteria *"…in accordance with subparagraph (A) of this subdivision …"* Subparagraph (A) [Section 22a-133k-3(b)(3)(A)] states, *"An alternative surface-water protection criterion may be calculated for a substance in Appendix D of the most recent Water Quality Standards by multiplying the lower of the human health or aquatic life criterion for such substance in said Appendix D by [(0.25 x 7Q10)/Q_{plume}] where Q_{plume} is equal to the average daily discharge plume of polluted ground water from the subject ground-water plume."*

Calculation of Average Daily Discharge From the Site

Although no distinct groundwater plume emanates from the Site, a discharge rate was calculated by multiplying the groundwater velocity passing through a unit volume exiting the Site. Both the groundwater velocity and unit volume were estimated using site-specific hydrogeological data collected in the RI including horizontal hydraulic gradient, saturated thickness, discharge width, hydraulic conductivity and porosity.

Groundwater velocity is calculated using the following equation:

(Eq. 4-1) $v = ki$

where: v = groundwater velocity (ft/d)
k = hydraulic conductivity (ft/d)
i = horizontal gradient (ft/ft)

Slug testing during the RI yielded mean hydraulic conductivity for the shallow and deep monitoring wells of 1.78 and 2.11 ft/d, respectively. The Site average is 1.95 ft/d.

Potentiometric maps (Figures 4-1 through 4-4) were plotted using shallow and deep aquifer groundwater elevations from March and October/November 2009. Calculated hydraulic gradients were 5.62×10^{-3} ft/ft, 6.84×10^{-3} ft/ft, 5.72×10^{-3} ft/ft, 6.03×10^{-3} ft/ft, respectively and yield an average gradient of 6.05×10^{-3} ft/ft.

Using Equation 4-1 v ft/d = 1.95 ft/d x 6.05×10^{-3} ft/ft
$v = 1.18 \times 10^{-2}$ ft/d

Based on the potentiometric maps, groundwater discharges from the Site in the southwest corner following the former Carrington Brook discharge corridor. A line drawn perpendicular to flow across the discharge path leaving the Site is estimated at 396.7 ft wide (see Figure 4-3). The average saturated thickness at MW-6D (the deep well in this area) measured during the eight quarterly sampling rounds is 42.9 ft. Porosity in this area is assumed to be 0.3 based on literature values for this type of formation in Connecticut. Available cross-sectional area for groundwater flow is calculated using the following equation:

(Eq. 4-2) $A = bw\eta$

where: A = Cross-sectional area (ft^2)
b = saturated thickness (ft)
w = discharge path width (ft)
η = porosity (dimensionless)

Using Equation 4-2 A ft^2 = 42.9 ft x 396.7 ft x 0.3
$A = 5{,}105.5$ ft^2

Assuming a unit length of 1 foot, the volume of water or discharge (Q_{plume}) passing through the unit volume is calculated using the following equation:

(Eq. 4-3) $Q_{plume} = Avc_f$

where: Q_{plume} = groundwater discharge (ft^3/s or cfs)
A = Cross-sectional area (ft^2)
v = groundwater velocity (ft/d)
c_f = conversion factor = 1.157×10^{-5} (d/s)

Using Equation 4-3 Q_{plume} cfs = 5,105.5 ft^2 x 1.18 x 10^{-2} ft/d x 1.157 x 10^{-5} d/s
Q_{plume} = 6.97 x 10^{-4} cfs

Calculation of 7Q10 for the Site

For purposes of the dilution calculation, the Mad River is used as the receiving water body at a point hydraulically downgradient of the Site shown on Figure 4-5. The river is ungaged at this location. CTDEEP, then the Connecticut Department of Environmental Protection (CT DEP) in their "*Guidance For Groundwater Monitoring For Demonstrating Compliance With The Connecticut Remediation Standard Regulations", Prepared by the EPOC Technical Practices Work Group on Groundwater Monitoring and the Connecticut Department of Environmental Protection, March 17, 2006* provide direction to determining the "7Q10" low flow metric at a particular location along a stream using CTDEP Connecticut Water Resources Bulletin No. 34, *"A Method for Estimating the 7-day, 10-year Low Flow of Streams in Connecticut,"* by Michael A. Cervione, Robert L. Melvin and Kathleen A. Cyr, 1982. The methodology uses the following regression equation to describe the relationship of the 7Q10 flow statistic at a specific location to the proportion of upstream drainage underlain by coarse-grained stratified drift and till-mantled bedrock.

(Eq. 4-4) $7Q10 = 0.67A_{sd} + 0.01A_{till}$
where: 7Q10 = 7-day, 10-year low flow (cfs)
A_{sd} = upstream drainage underlain by coarse-grained stratified drift (mi^2)
A_{till} = upstream drainage underlain by till (mi^2)

The subwatershed area contributing to the upstream drainage of the Mad River at the point downgradient from the Scovill Site was delineated using the USGS StreamStats tool (2010, http://streamstatsags.cr.usgs.gov/ct_ss/default.aspx?stabbr=ct&dt=1343940595605). Total drainage was calculated as 15,865 acres (24.789 mi^2). Stratified drift boundaries were obtained from CTDEEP GIS data layers and encompass 3.718 mi^2 within the subwatershed leaving 21.071 mi^2 underlain by till.

Using Equation 4-4 $7Q10 = 0.67A_{sd} + 0.01A_{till}$
7Q10 (cfs) = 0.67 x 3.718 mi^2 + 0.01 x 21.071 mi^2
7Q10 (cfs) = 2.70 cfs

With the results from Equations 4-3 and 4-4, an alternative SWPC multiplier is calculated using the formula provided in Section 22a-133k-3(b)(3)(A):

(Eq. 4-5) $SWPC_{mult} = (0.25 \times 7Q10)/Q_{plume}$
where: $SWPC_{mult}$ = the SWPC multiplier (dim)
7Q10 = 7-day, 10-year low flow (cfs)
Q_{plume} = groundwater discharge (cfs)

Using Equation 4-5 $SWPC_{mult}$ = [(0.25 x 2.70 cfs)/ 6.97 x 10^{-4} cfs
$SWPC_{mult}$ = 968.44; round to 968

In accordance with Section 22a-133k-3(b)(3)(A) the alternative SWPC is determined by multiplying the lower of the human health or aquatic life criterion by the calculated factor SWPCmult. The Mad River is classified as Class B surface water quality (Revised Water *Quality Classification Maps*, http://www.ct.gov/dep/cwp/view.asp?A=2719&Q=452444).

Following guidance provided by the DEEP project manager, the human health criterion in *Appendix D, Numerical Water Quality Criteria for Chemical Constituents* is limited to the consumption of fish in Class B, SA & SB Waters, (*2011 Connecticut Water Quality Standards Effective February 25, 2011* http://www.ct.gov/dep/lib/dep/water/water_quality_standards/wqs_final_adopted_2_25_11.pdf .)

For total arsenic, the human health criterion was the lower value and when multiplied by the $SWPC_{mult}$, the maximum value (11 J µg/L) was below the calculated Alternative SWPC (20 µg/L). Because there is no criterion for total manganese in the *2011 Connecticut Water Quality Standards*, the CTDEEP project manager recommended using the human health criterion from *Appendix E - Comparison of 2011 WQ Criteria to 2002 Water Quality Criteria* as a proxy (http://www.ct.gov/dep/lib/dep/water/water_quality_standards/surface_wqc_updates/appendix_e__and_f_jan_4_2011_final.pdf). The Class B, SA and SB manganese criterion in Appendix E is 39,200 µg/L. The maximum value for the points closest to the discharge point (3,022 µg/L) is well below this Alternative SWPC.

Table 4-1. Comparison to Aquatic Life and Human Health Criteria

Analyte	SWPC (µg/L)	Maximum Value (µg/L)	Aquatic Life Criteria (µg/L)	Human Health Criteria (µg/L)	SWPC Multiplier	Alternative SWPC (µg/L)	Result
Total Arsenic	6	11 J	150	0.021	968	20	Compliant
Total Manganese	None	3,022	None	39,200		39,200	Compliant

5.0 CONCLUSION

Thus, as shown below on Table 4-2, all groundwater analytes at Scovill, for the points closest to discharge, comply with the SWPC either by direct comparison to RSRs or Site-Specific Alternative SWPCs.

Table 5-1. Summary of SWPC Comparisons

Analyte	SWPC (µg/L)	Point Closest To Discharge Result	Alternative SWPC (µg/L)	Alternative SWPC Result
Total Arsenic	4	Exceeds SWPC	20	Compliant
Total Cadmium	6	Compliant		
Total Copper	48	Compliant		
Total Lead	13	Compliant		
Total Manganese	None	Requires proxy	39,200	Compliant
Total Zinc	123	Compliant		
Phenanthrene	0.077	Compliant		
Benzo(k)Fluoranthene	0.3	Compliant		

FIGURES

1. Aerial imagery provided by EPA-ESD, September, 2001.
2. Parcel boundaries provided by City of Waterbury, CT.
3. Data Collected by Nobis
4. Elevation in ft MSL

N

Drawn By: JH	Checked By: BA
July 9, 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Modern Roads
- Assessor's Parcel Boundries
- Groundwater Contours
- Estimated Groundwater Contours (Average March Elvations)
- Groundwater Flow Line
- Estimated Limit of Scovill Derived/Placed Fill
- Monitoring Well Sample Locations (PZ-1 for Water Levels Only)

Draft

FIGURE 2-1
Groundwater Monitoring Well Locations
Scovill Industrial Landfill
Waterbury, CT

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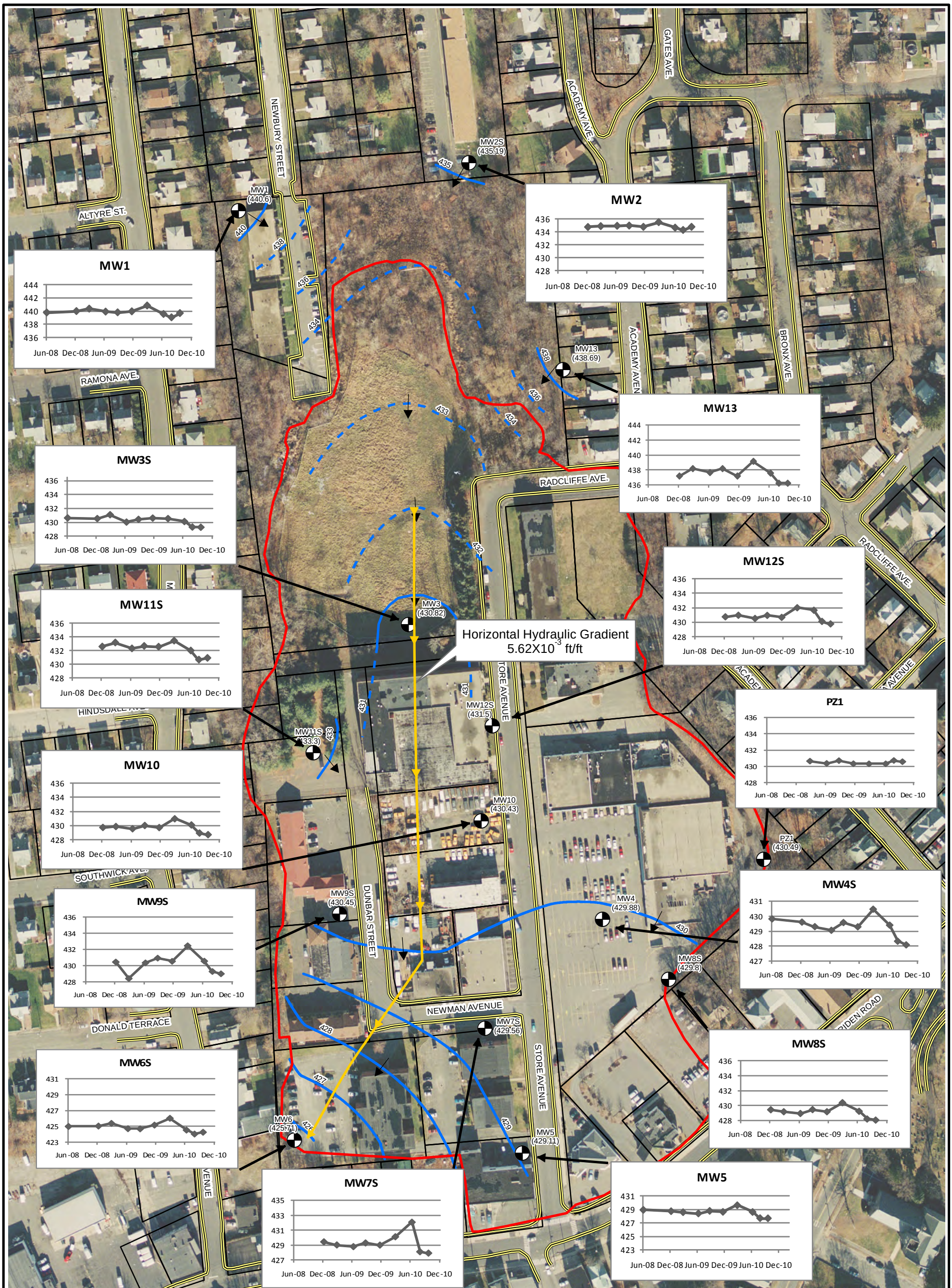
Lowell, MA 01851
(978) 683-0891

Path: R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\GIS_Data\Maps\RI_Report\Draft_New\2-1_GW_Monitoring_Well_Locations.mxd



1. Aerial imagery provided by EPA-ESD, September, 2001.
2. Parcel boundaries provided by City of Waterbury, CT.
3. Data Collected by Nobis
4. Elevation in ft MSL

N

Drawn By: JRS	Checked By:
May 08, 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Modern Roads
- Assessor's Parcel Boundries
- Groundwater Contours
- Estimated Groundwater Contours
- Groundwater Flow Line
- Estimated Limit of Scovill Derived/Placed Fill
- Monitoring Well Sample Locations (Avg. March Elevation)

Draft

FIGURE 4-1
Shallow Wells Groundwater Elevation Contours
Average of March Data
Scovill Industrial Landfill
Waterbury, CT

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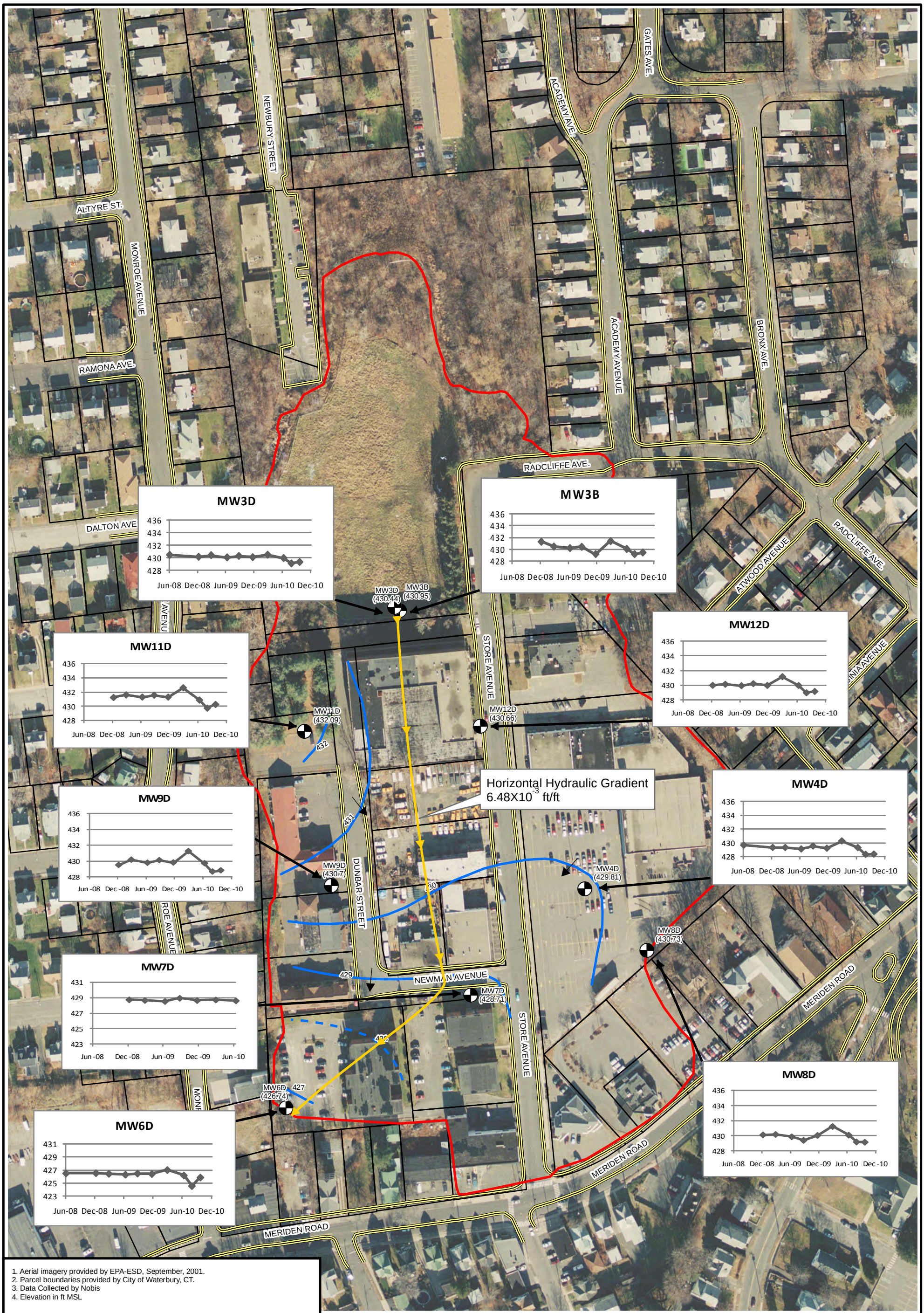

1. Aerial imagery provided by EPA-ESD, September, 2001.
2. Parcel boundaries provided by City of Waterbury, CT.
3. Data Collected by Nobis
4. Elevation in ft MSL

N

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May 08, 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Modern Roads
- Assessor's Parcel Boundries
- Groundwater Contours
- Estimated Groundwater Contours
- Groundwater Flow Line
- Estimated Limit of Scovill Derived/Placed Fill
- Monitoring Well Sample Locations (Avg. March Elevation)

Draft

FIGURE 4-2
Deep Wells Groundwater Elevation Contours
Average of March Data
Scovill Industrial Landfill
Waterbury, CT

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1. Aerial imagery provided by EPA-ESD, September, 2001.
2. Parcel boundaries provided by City of Waterbury, CT.
3. Data Collected by Nobis
4. Elevation in ft MSL

N

Drawn By: JRS	Checked By:
May 08, 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Modern Roads
- Assessor's Parcel Boundries
- Groundwater Contours
- Estimated Groundwater Contours
- Groundwater Flow Line
- Estimated Limit of Scovill Derived/Placed Fill
- Monitoring Well Sample Locations (Avg. Fall Elevations)

Draft

FIGURE 4-3
Shallow Wells Groundwater Elevation Contours Average of Oct/Nov/Dec Data
Scovill Industrial Landfill
Waterbury, CT

Nobis
Engineering a Sustainable Future
Nobis Engineering, Inc.
585 Middlesex Street
Lowell, MA 01851
(978) 683-0891

Path: R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\GIS_Data\Maps\RI_Report\Draft_New\4-3_GW_Contour_Fall_Shallow.mxd

1. Aerial imagery provided by EPA-ESD, September, 2001.
2. Parcel boundaries provided by City of Waterbury, CT.
3. Data Collected by Nobis
4. Elevation in ft MSL

N

Drawn By: JRS	Checked By:
May 08, 2012	Revision No. 00

APPROXIMATE SCALE
0 75 150 300 Feet

- Modern Roads
- Assessor's Parcel Boundries
- Groundwater Contours
- Estimated Groundwater Contours
- Groundwater Flow Line
- Estimated Limit of Scovill Derived/Placed Fill
- Monitoring Well Sample Locations (Avg. Fall Elevations)

Draft

FIGURE 4-4
Deep Wells Groundwater Elevation Contours
Average of Oct/Nov/Dec Data
Scovill Industrial Landfill
Waterbury, CT

Nobis
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Nobis Engineering, Inc.
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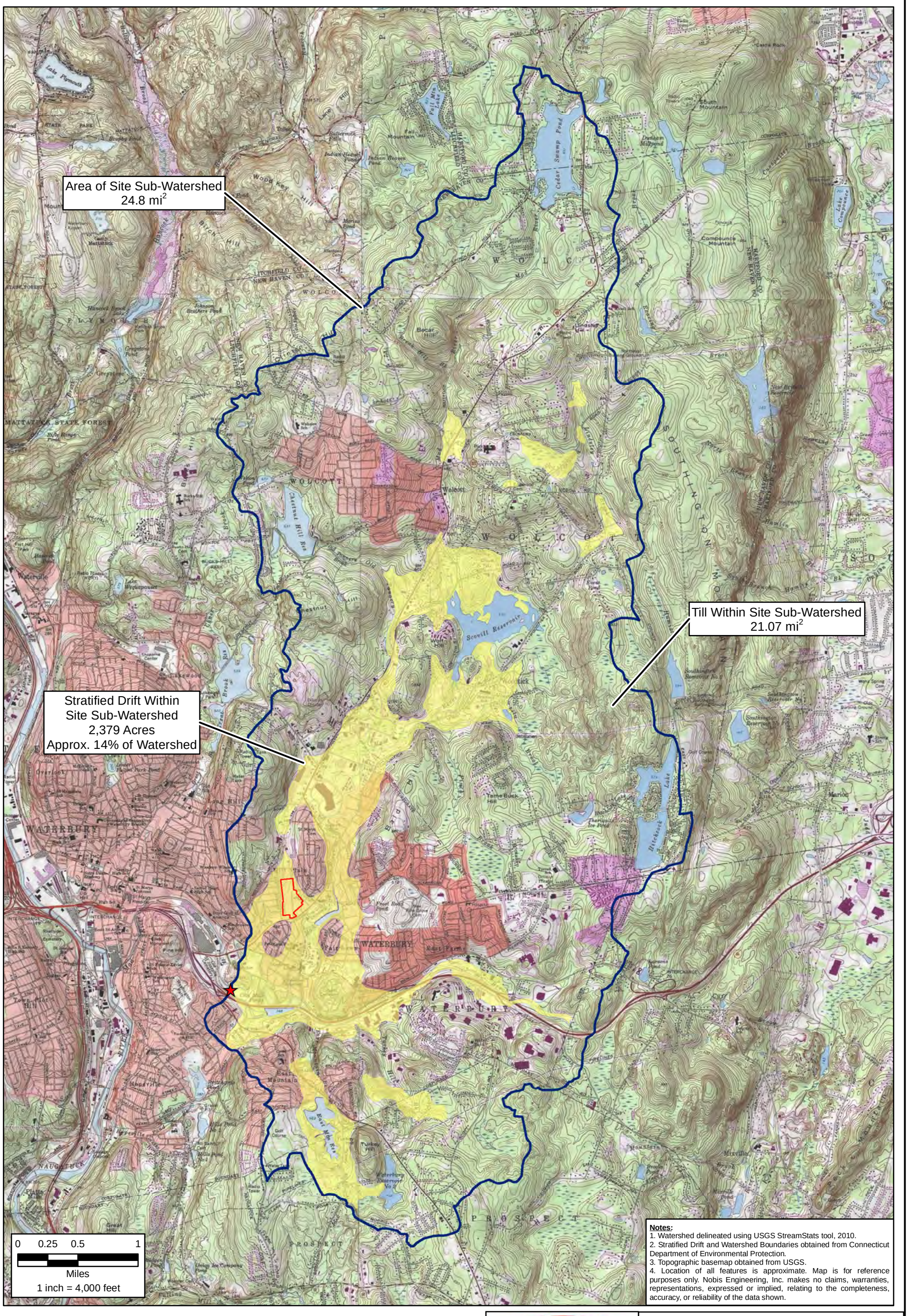
Lowell, MA 01851
(978) 683-0891

Path: R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\GIS_Data\Maps\RI_Report\Draft_New\4-4_GW_Contour_Fall_Deep.mxd



Notes:
1. Watershed delineated using USGS StreamStats tool, 2010.
2. Stratified Drift and Watershed Boundaries obtained from Connecticut Department of Environmental Protection.
3. Topographic basemap obtained from USGS.
4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no claims, warranties, representations, expressed or implied, relating to the completeness, accuracy, or reliability of the data shown.

Legend

- Scovill Project Site
- Sub-Watershed Entry Point to Mad River
- Mad River Subwatershed
- Coarse-Grained Stratified Drift

	Sqft	Acre	Sqmi
Subwatershed Area	6.91E+08	15,864.90	24.789
Stratified Drift Area	1.04E+08	2,379.29	3.718
Till Area	5.87E+08	13,485.61	21.071

N

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FIGURE 4-5

7Q10 CALCULATION AREA
SCOVILL INDUSTRIAL LANDFILL
WATERBURY, CONNECTICUT

PREPARED BY: JH	CHECKED BY: BA
PROJECT NO. 80018.06	DATE: JULY 2012

Path: R:\80000 Task Orders\80018 Scovill LF\Technical Data (TD)\GIS_Data\Maps\7Q10 Calculation\4-5_Scovill_7Q10-073012.mxd

ATTACHMENT A

Scovill Groundwater Data
Dissolved Arsenic (in ug/L)

	Quarter Year	2008-Q4		2008-Q4		2009-Q1		2009-Q1		2009-Q2		2009-Q2		2009-Q3	
	Sample Type	N		FD		N		FD		N		FD		N	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	1	UJ	--		1	U	--		1	U	--		1	U
Shallow Overburden	MW10	4.8	J	--		5.2		5.1		7.9	J	--		8	
Shallow Overburden	MW11S	1.3	J	--		1.2		--		1.9		--		4.4	
Shallow Overburden	MW12S	4.4	J	--		3.5		--		4.6	J	--		7.9	
Shallow Overburden	MW13	1	UJ	--		1	U	--		1	U	--		1	U
Shallow Overburden	MW2S	0.63	J	--		0.62	J	--		2.9	J	--		5.3	
Shallow Overburden	MW3	0.75	J	0.76	J	1	U	--		0.56	J	--		1	U
Shallow Overburden	MW4	0.83	J	--		1	U	--		1	U	--		1	U
Shallow Overburden	MW5	0.4	J	--		0.33	J	--		1	U	--		1	U
Shallow Overburden	MW6	6.8	J	--		2.6		2.7		8.8	J	5.8	J	2.4	
Shallow Overburden	MW7S	6.5	J	--		2.6		--		3.7		--		3.2	
Shallow Overburden	MW8S	1	UJ	--		1	U	--		1	U	--		1	U
Shallow Overburden	MW9S	4.3	J	--		2.5		--		1.9		--		2.9	
Deep Overburden	MW11D	1	UJ	--		1	U	--		1	U	1	U	1	U
Deep Overburden	MW12D	1	UJ	--		0.13	J	--		1	U	--		1	U
Deep Overburden	MW3D	1	UJ	--		0.15	J	--		1	U	--		1	U
Deep Overburden	MW4D	1	UJ	--		1	U	--		1	U	--		1	U
Deep Overburden	MW6D	1	UJ	--		1	U	--		1	U	--		1	U
Deep Overburden	MW7D	1	UJ	--		0.18	J	--		1	U	--		1	U
Deep Overburden	MW8D	1	UJ	1	UJ	1	U	--		1	U	--		1	U
Deep Overburden	MW9D	1	UJ	--		0.34	J	--		1	U	--		1	U
Bedrock Wells	MW3B	0.71	J	--		1	U	--		1	U	--		1	U

Scovill Groundwater Data
Dissolved Arsenic (in ug/L)

	Quarter Year	2009-Q3		2009-Q4		2009-Q4		2010-Q1		2010-Q1		2010-Q2		2010-Q2		2010-Q4		2010-Q4	
	Sample Type	FD		N		FD		N		FD		N		FD		N		FD	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	--		1	U	--		0.071	J	--		1	U	--		1	U	--	
Shallow Overburden	MW10	--		8.3		--		4.8	J	--		4.7	J	--		5.2	J	--	
Shallow Overburden	MW11S	--		2.3		--		2.8	J	--		3.6	J	--		3.4	J	--	
Shallow Overburden	MW12S	--		--		--		2.8	J	--		5.3	J	--		--		--	
Shallow Overburden	MW13	--		1	U	--		0.1	J	--		1	U	--		1	U	--	
Shallow Overburden	MW2S	--		4.7		--		1.1	J	--		3.6	J	--		3.5	J	--	
Shallow Overburden	MW3	--		0.69	J	--		0.57	J	--		0.5	J	--		1	U	--	
Shallow Overburden	MW4	--		1	U	--		0.45	J	--		1	U	--		0.56	J	--	
Shallow Overburden	MW5	--		1	U	--		0.31	J	--		0.42	J	--		1	U	--	
Shallow Overburden	MW6	--		3.1		--		2.6	J	--		2.5	J	--		9	J	--	
Shallow Overburden	MW7S	--		3.4		--		3.1	J	--		1.6	J	--		4.2	J	--	
Shallow Overburden	MW8S	--		1	U	--		0.14	J	--		1	U	--		1	U	--	
Shallow Overburden	MW9S	--		2.5		--		0.66	J	--		1.6	J	--		13.6	J	--	
Deep Overburden	MW11D	--		1	U	--		1	U	--		1	U	--		1	U	--	
Deep Overburden	MW12D	1	U	1	U	--		1	U	--		1	U	--		1	U	--	
Deep Overburden	MW3D	--		1	U	--		0.2	J	--		0.34	J	--		1	U	1	U
Deep Overburden	MW4D	--		1	U	--		0.18	J	--		1	U	--		1	U	--	
Deep Overburden	MW6D	--		1	U	1	U	1	U	0.29	J	1	U	1	U	1	U	1	U
Deep Overburden	MW7D	--		1	U	--		1	U	--		1	U	--		1	U	--	
Deep Overburden	MW8D	1	U	1	U	1	U	0.089	J	0.096	J	1	U	1	U	1	U	--	
Deep Overburden	MW9D	--		1	U	--		1	U	--		1	U	--		1	U	--	
Bedrock Wells	MW3B	--		1	U	--		0.15	J	--		1	U	--		1	U	--	

Scovill Groundwater Data
Dissolved Cadmium (in ug/L)

	Quarter Year	2008-Q4		2008-Q4		2009-Q1		2009-Q1		2009-Q2		2009-Q2		2009-Q3	
	Sample Type	N		FD		N		FD		N		FD		N	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	0.031	J	--		1	UJ	--		1	U	--		1	U
Shallow Overburden	MW10	0.72	J	--		0.45	J	0.44	J	1	U	--		1	U
Shallow Overburden	MW11S	0.14	J	--		1	UJ	--		1	U	--		1	U
Shallow Overburden	MW12S	1	UJ	--		0.15	J	--		1	U	--		1	U
Shallow Overburden	MW13	0.12	J	--		1	UJ	--		1	U	--		1	U
Shallow Overburden	MW2S	1.4	J	--		1	UJ	--		1	U	--		1	U
Shallow Overburden	MW3	0.071	J	0.062	J	1	UJ	--		1	U	--		1	U
Shallow Overburden	MW4	25.1	J	--		23.5	J	--		25	J	--		21	
Shallow Overburden	MW5	0.34	J	--		0.62	J	--		1	U	--		1	U
Shallow Overburden	MW6	0.056	J	--		1	UJ	1	UJ	1	U	1	U	1	U
Shallow Overburden	MW7S	0.95	J	--		49.9	J	--		41.3	J	--		44.6	
Shallow Overburden	MW8S	1	UJ	--		0.53	J	--		1	U	--		1	U
Shallow Overburden	MW9S	0.069	J	--		0.3	J	--		1	U	--		1	U
Deep Overburden	MW11D	0.1	J	--		0.058	J	--		1	U	1	U	1	U
Deep Overburden	MW12D	1	UJ	--		1	UJ	--		1	U	--		1	U
Deep Overburden	MW3D	0.03	J	--		1	UJ	--		1	U	--		1	U
Deep Overburden	MW4D	0.1	J	--		1	UJ	--		1	U	--		1	U
Deep Overburden	MW6D	1	UJ	--		1	UJ	--		1	U	--		1	U
Deep Overburden	MW7D	0.027	J	--		1	UJ	--		1	U	--		1	U
Deep Overburden	MW8D	0.18	J	1	UJ	1	UJ	--		1	U	--		1	U
Deep Overburden	MW9D	0.07	J	--		0.041	J	--		1	U	--		1	U
Bedrock Wells	MW3B	1	UJ	--		1	UJ	--		1	U	--		1	U

Scovill Groundwater Data
Dissolved Cadmium (in ug/L)

	Quarter Year	2009-Q3		2009-Q4		2009-Q4		2010-Q1		2010-Q1		2010-Q2		2010-Q2		2010-Q4		2010-Q4	
	Sample Type	FD		N		FD		N		FD		N		FD		N		FD	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	--		1	U	--		0.069	J	--		1	U	--		0.029	J	--	
Shallow Overburden	MW10	--		1	U	--		2.6		--		1	U	--		1.4	J	--	
Shallow Overburden	MW11S	--		1	U	--		0.012	J	--		1	U	--		1	U	--	
Shallow Overburden	MW12S	--		--		--		0.22	J	--		1	U	--		--		--	
Shallow Overburden	MW13	--		1	U	--		0.11	J	--		1	U	--		0.12	J	--	
Shallow Overburden	MW2S	--		1	U	--		0.091	J	--		1	U	--		1	U	--	
Shallow Overburden	MW3	--		1	U	--		0.038	J	--		1	U	--		1	U	--	
Shallow Overburden	MW4	--		23.4		--		19.9	J	--		20.6		--		18.1	J	--	
Shallow Overburden	MW5	--		0.22	J	--		0.25	J	--		1	U	--		1	U	--	
Shallow Overburden	MW6	--		1	U	--		0.008	J	--		1	U	--		1	U	--	
Shallow Overburden	MW7S	--		37		--		18.3		--		47		--		17.4	J	--	
Shallow Overburden	MW8S	--		0.52	J	--		0.32	J	--		1	U	--		0.51	J	--	
Shallow Overburden	MW9S	--		0.35	J	--		0.46	J	--		1	U	--		1	U	--	
Deep Overburden	MW11D	--		1	U	--		0.039	J	--		1	U	--		1	U	--	
Deep Overburden	MW12D	1	U	1	U	--		0.018	J	--		1	U	--		1	U	--	
Deep Overburden	MW3D	--		1	U	--		0.013	J	--		1	U	--		1	U	0.007	J
Deep Overburden	MW4D	--		1	U	--		0.049	J	--		1	U	--		1	U	--	
Deep Overburden	MW6D	--		1	U	1	U	0.008	J	1	U	1	U	1	U	1	U	1	U
Deep Overburden	MW7D	--		1	U	--		1	U	--		1	U	--		1	U	--	
Deep Overburden	MW8D	1	U	1	U	1	U	0.014	J	0.012	J	1	U	1	U	1	U	--	
Deep Overburden	MW9D	--		1	U	--		0.067	J	--		1	U	--		1	U	--	
Bedrock Wells	MW3B	--		1	U	--		0.032	J	--		1	U	--		1	U	--	

Scovill Groundwater Data
Dissolved Copper (in ug/L)

	Quarter Year	2008-Q4		2008-Q4		2009-Q1		2009-Q1		2009-Q2		2009-Q2		2009-Q3	
	Sample Type	N		FD		N		FD		N		FD		N	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	25	U	--		25	U	--		25	U	--		25	U
Shallow Overburden	MW10	1.9	U	--		25	U	25	U	25	U	--		0.84	J
Shallow Overburden	MW11S	3.9	U	--		25	U	--		25	U	--		25	U
Shallow Overburden	MW12S	4.2	U	--		25	U	--		1.8	J	--		20.7	J
Shallow Overburden	MW13	25	U	--		25	U	--		25	U	--		25	U
Shallow Overburden	MW2S	25	U	--		25	U	--		25	U	--		25	U
Shallow Overburden	MW3	25	U	25	U	25	U	--		1.2	J	--		25	U
Shallow Overburden	MW4	627		--		605		--		826		--		621	
Shallow Overburden	MW5	25	U	--		25	U	--		25	U	--		25	U
Shallow Overburden	MW6	25	U	--		25	U	25	U	25	U	25	U	25	U
Shallow Overburden	MW7S	0.88	U	--		96.4		--		71.7		--		125	
Shallow Overburden	MW8S	3.6	U	--		25	U	--		25	J	--		2	J
Shallow Overburden	MW9S	25	U	--		25	U	--		25	U	--		6	J
Deep Overburden	MW11D	25	U	--		25	U	--		25	U	25	U	25	U
Deep Overburden	MW12D	2.2	U	--		25	U	--		25	U	--		25	U
Deep Overburden	MW3D	25	U	--		25	U	--		25	U	--		25	U
Deep Overburden	MW4D	10.2	J	--		5.5	J	--		25	U	--		0.99	J
Deep Overburden	MW6D	25	U	--		25	U	--		25	U	--		25	U
Deep Overburden	MW7D	0.68	U	--		25	U	--		25	U	--		25	U
Deep Overburden	MW8D	1.3	U	1.3	U	25	U	--		25	U	--		25	U
Deep Overburden	MW9D	25	U	--		25	U	--		25	U	--		25	U
Bedrock Wells	MW3B	25	U	--		25	U	--		25	U	--		25	U

Scovill Groundwater Data
Dissolved Copper (in ug/L)

	Quarter Year	2009-Q3		2009-Q4		2009-Q4		2010-Q1		2010-Q1		2010-Q2		2010-Q2		2010-Q4		2010-Q4	
	Sample Type	FD		N		FD		N		FD		N		FD		N		FD	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	--		25	U	--		25	U	--		25	U	--		25	U	--	
Shallow Overburden	MW10	--		25	U	--		23.1	J	--		25	U	--		25	U	--	
Shallow Overburden	MW11S	--		25	U	--		25	U	--		25	U	--		25	U	--	
Shallow Overburden	MW12S	--		--		--		11.6	J	--		25	U	--		--		--	
Shallow Overburden	MW13	--		25	U	--		25	U	--		25	U	--		25	U	--	
Shallow Overburden	MW2S	--		25	U	--		1.8	J	--		25	U	--		25	U	--	
Shallow Overburden	MW3	--		25	U	--		25	U	--		25	U	--		25	U	--	
Shallow Overburden	MW4	--		687		--		293		--		695		--		707		--	
Shallow Overburden	MW5	--		25	U	--		25	U	--		25	U	--		25	U	--	
Shallow Overburden	MW6	--		25	U	--		1.4	J	--		25	U	--		25	U	--	
Shallow Overburden	MW7S	--		79.3		--		44.5		--		104		--		28.6		--	
Shallow Overburden	MW8S	--		2.5	J	--		3.6	J	--		25	U	--		2.6	J	--	
Shallow Overburden	MW9S	--		5	J	--		6.7	J	--		25	U	--		2.8	J	--	
Deep Overburden	MW11D	--		25	U	--		25	U	--		25	U	--		25	U	--	
Deep Overburden	MW12D	25	U	25	U	--		25	U	--		25	U	--		25	U	--	
Deep Overburden	MW3D	--		25	U	--		25	U	--		25	U	--		25	U	25	U
Deep Overburden	MW4D	--		10.5	J	--		25	U	--		10.6	J	--		11.9	J	--	
Deep Overburden	MW6D	--		25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Deep Overburden	MW7D	--		25	U	--		25	U	--		25	U	--		25	U	--	
Deep Overburden	MW8D	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	--	
Deep Overburden	MW9D	--		25	U	--		25	U	--		25	U	--		25	U	--	
Bedrock Wells	MW3B	--		25	U	--		25	U	--		25	U	--		25	U	--	

Scovill Groundwater Data
Dissolved Lead (in ug/L)

	Quarter Year	2008-Q4		2008-Q4		2009-Q1		2009-Q1		2009-Q2		2009-Q2		2009-Q3	
	Sample Type	N		FD		N		FD		N		FD		N	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	10	U	--		10	U	--		10	U	--		10	U
Shallow Overburden	MW10	10	U	--		4.1	J	2.1	J	10	U	--		10	U
Shallow Overburden	MW11S	10	U	--		1.9	J	--		10	U	--		10	U
Shallow Overburden	MW12S	10	U	--		10	U	--		10	U	--		6.1	J
Shallow Overburden	MW13	10	U	--		10	U	--		10	U	--		10	U
Shallow Overburden	MW2S	10	U	--		10	U	--		10	U	--		10	U
Shallow Overburden	MW3	10	U	10	U	10	U	--		10	U	--		10	U
Shallow Overburden	MW4	18.5		--		42		--		39.2	J	--		39.8	
Shallow Overburden	MW5	10	U	--		10	U	--		10	U	--		10	U
Shallow Overburden	MW6	10	U	--		10	U	10	U	10	U	10	U	10	U
Shallow Overburden	MW7S	2.7	J	--		10	U	--		10	U	--		10	U
Shallow Overburden	MW8S	10	U	--		10	U	--		10	U	--		10	U
Shallow Overburden	MW9S	10	U	--		10	U	--		10	U	--		10	U
Deep Overburden	MW11D	10	U	--		10	U	--		10	U	10	U	10	U
Deep Overburden	MW12D	10	U	--		10	U	--		10	U	--		10	U
Deep Overburden	MW3D	10	U	--		10	U	--		10	U	--		10	U
Deep Overburden	MW4D	10	U	--		10	U	--		10	U	--		10	U
Deep Overburden	MW6D	10	U	--		10	U	--		10	U	--		10	U
Deep Overburden	MW7D	10	U	--		10	U	--		10	U	--		10	U
Deep Overburden	MW8D	10	U	10	U	10	U	--		10	U	--		10	U
Deep Overburden	MW9D	10	U	--		10	U	--		10	U	--		10	U
Bedrock Wells	MW3B	10	U	--		10	U	--		10	U	--		10	U

Scovill Groundwater Data
Dissolved Lead (in ug/L)

	Quarter Year	2009-Q3		2009-Q4		2009-Q4		2010-Q1		2010-Q1		2010-Q2		2010-Q2		2010-Q4		2010-Q4	
	Sample Type	FD		N		FD		N		FD		N		FD		N		FD	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	--		10	U	--		10	U	--		4.7	J	--		10	U	--	
Shallow Overburden	MW10	--		3.8	J	--		10	U	--		10	U	--		10	U	--	
Shallow Overburden	MW11S	--		2.4	J	--		10	U	--		10	U	--		10	U	--	
Shallow Overburden	MW12S	--		--		--		10	U	--		10	U	--		--		--	
Shallow Overburden	MW13	--		10	U	--		10	U	--		10	U	--		10	U	--	
Shallow Overburden	MW2S	--		10	U	--		10	U	--		10	U	--		10	U	--	
Shallow Overburden	MW3	--		10	U	--		10	U	--		10	U	--		10	U	--	
Shallow Overburden	MW4	--		41.4		--		24.4	J	--		26.2		--		60.5		--	
Shallow Overburden	MW5	--		10	U	--		10	U	--		10	U	--		10	U	--	
Shallow Overburden	MW6	--		10	U	--		10	U	--		10	U	--		10	U	--	
Shallow Overburden	MW7S	--		10	U	--		10	U	--		10	U	--		10	U	--	
Shallow Overburden	MW8S	--		10	U	--		10	U	--		10	U	--		10	U	--	
Shallow Overburden	MW9S	--		10	U	--		10	U	--		10	U	--		10	U	--	
Deep Overburden	MW11D	--		2	J	--		10	U	--		10	U	--		10	U	--	
Deep Overburden	MW12D	10	U	10	U	--		10	U	--		10	U	--		10	U	--	
Deep Overburden	MW3D	--		10	U	--		10	U	--		10	U	--		10	U	10	U
Deep Overburden	MW4D	--		10	U	--		10	U	--		10	U	--		10	U	--	
Deep Overburden	MW6D	--		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Deep Overburden	MW7D	--		10	U	--		10	U	--		10	U	--		10	U	--	
Deep Overburden	MW8D	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	--	
Deep Overburden	MW9D	--		10	U	--		2.6	J	--		10	U	--		10	U	--	
Bedrock Wells	MW3B	--		10	U	--		10	U	--		10	U	--		10	U	--	

Scovill Groundwater Data
Dissolved Manganese (in ug/L)

	Quarter Year	2008-Q4		2008-Q4		2009-Q1		2009-Q1		2009-Q2		2009-Q2		2009-Q3	
	Sample Type	N		FD		N		FD		N		FD		N	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	41.5		--		0.45	U	--		15	U	--		15	U
Shallow Overburden	MW10	729		--		807		789		601		--		559	
Shallow Overburden	MW11S	2770		--		2110		--		2380		--		2130	
Shallow Overburden	MW12S	102		--		85.3		--		271		--		651	
Shallow Overburden	MW13	44.6		--		8.7	J	--		12	J	--		10	J
Shallow Overburden	MW2S	6570		--		4490		--		5400		--		4060	
Shallow Overburden	MW3	559		545		531		--		502		--		531	
Shallow Overburden	MW4	120		--		64.9		--		95		--		49.9	
Shallow Overburden	MW5	1870		--		1810		--		1670		--		1860	
Shallow Overburden	MW6	3800		--		2800		2690		2240		2200		1980	
Shallow Overburden	MW7S	218		--		299		--		334		--		223	
Shallow Overburden	MW8S	402		--		72.2		--		23.6		--		21.4	
Shallow Overburden	MW9S	902		--		902		--		773		--		582	
Deep Overburden	MW11D	346		--		106		--		47.6		49.3		28.9	
Deep Overburden	MW12D	26.5		--		7.5	J	--		15	U	--		2.2	J
Deep Overburden	MW3D	15	U	--		15	U	--		15	U	--		15	U
Deep Overburden	MW4D	9	J	--		9.9	J	--		15.7		--		48.8	
Deep Overburden	MW6D	15	U	--		3.3	J	--		4.2	J	--		15	U
Deep Overburden	MW7D	10.7	J	--		3.2	J	--		0.92	J	--		15	U
Deep Overburden	MW8D	77.8		81.8		22.5		--		20.4		--		2.5	J
Deep Overburden	MW9D	308		--		249		--		242		--		231	
Bedrock Wells	MW3B	15	U	--		1.2	U	--		1.2	J	--		1.1	J

Scovill Groundwater Data
Dissolved Manganese (in ug/L)

	Quarter Year	2009-Q3		2009-Q4		2009-Q4		2010-Q1		2010-Q1		2010-Q2		2010-Q2		2010-Q4		2010-Q4	
	Sample Type	FD		N		FD		N		FD		N		FD		N		FD	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	--		6	J	--		15	U	--		15	U	--		18.6		--	
Shallow Overburden	MW10	--		730		--		636		--		394		--		477		--	
Shallow Overburden	MW11S	--		2340		--		2040		--		2433		--		1864		--	
Shallow Overburden	MW12S	--		--		--		1842	J	--		1146		--		--		--	
Shallow Overburden	MW13	--		8.1	J	--		12.2	J	--		16		--		66.4		--	
Shallow Overburden	MW2S	--		3780		--		2807		--		3192		--		3236		--	
Shallow Overburden	MW3	--		528		--		471	J	--		565		--		741		--	
Shallow Overburden	MW4	--		78.4		--		25.2	J	--		61.1		--		186		--	
Shallow Overburden	MW5	--		1720		--		1826		--		1646		--		1555		--	
Shallow Overburden	MW6	--		2310		--		2948		--		2127		--		1054		--	
Shallow Overburden	MW7S	--		149		--		208		--		239		--		267		--	
Shallow Overburden	MW8S	--		75.1		--		37.9	J	--		15	U	--		4.1	J	--	
Shallow Overburden	MW9S	--		724		--		188		--		493		--		2144		--	
Deep Overburden	MW11D	--		16.9		--		14.2	J	--		15	U	--		5	J	--	
Deep Overburden	MW12D	2.1	J	3.5	J	--		15	U	--		15	U	--		15	U	--	
Deep Overburden	MW3D	--		15	U	--		15	U	--		15	U	--		15	U	15	U
Deep Overburden	MW4D	--		7.3	J	--		138	J	--		15	U	--		3.1	J	--	
Deep Overburden	MW6D	--		1.7	J	1.4	J	15	U	15	U	15	U	15	U	15	U	15	U
Deep Overburden	MW7D	--		4.2	J	--		15	U	--		15	U	--		15	U	--	
Deep Overburden	MW8D	2.1	J	2.1	J	2.2	J	4	J	15	U	15	U	15	U	4.6	J	--	
Deep Overburden	MW9D	--		191		--		199		--		252		--		218		--	
Bedrock Wells	MW3B	--		1.1	J	--		2.7	J	--		15	U	--		15	U	--	

Scovill Groundwater Data
Dissolved Zinc (in ug/L)

	Quarter Year	2008-Q4		2008-Q4		2009-Q1		2009-Q1		2009-Q2		2009-Q2		2009-Q3	
	Sample Type	N		FD		N		FD		N		FD		N	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	60	U	--		3.9	U	--		60	U	--		4	J
Shallow Overburden	MW10	2510	J	--		2710		2740		2040	J	--		1550	
Shallow Overburden	MW11S	10.9	U	--		5	J	--		60	U	--		60	U
Shallow Overburden	MW12S	5.1	U	--		9	J	--		60	U	--		24.2	J
Shallow Overburden	MW13	60	U	--		3.3	U	--		60	U	--		6.1	J
Shallow Overburden	MW2S	60	U	--		136		--		51	J	--		554	
Shallow Overburden	MW3	196		183		85.5		--		59.5	J	--		50.8	J
Shallow Overburden	MW4	6690	J	--		7010		--		6920		--		5920	
Shallow Overburden	MW5	57.7	J	--		65.5		--		51	J	--		78.1	
Shallow Overburden	MW6	60	U	--		2.7	U	2.7	U	60	U	60	U	5.1	J
Shallow Overburden	MW7S	3800	J	--		8110		--		8580		--		6730	
Shallow Overburden	MW8S	42.6	U	--		51.8	J	--		43.6	J	--		50.9	J
Shallow Overburden	MW9S	14.8	U	--		72.4		--		21.4	J	--		32.7	J
Deep Overburden	MW11D	7.5	U	--		4	J	--		60	U	60	U	8.1	J
Deep Overburden	MW12D	8.7	U	--		5.3	J	--		60	U	--		7	J
Deep Overburden	MW3D	60	U	--		3.9	J	--		60	U	--		60	U
Deep Overburden	MW4D	60	U	--		36.8	J	--		22.2	J	--		25	J
Deep Overburden	MW6D	60	U	--		9.1	U	--		60	U	--		5.4	J
Deep Overburden	MW7D	3.1	U	--		2.7	J	--		60	U	--		60	U
Deep Overburden	MW8D	60	U	7.2	U	2.2	J	--		60	U	--		60	U
Deep Overburden	MW9D	10.9	U	--		3.1	J	--		60	U	--		4.6	J
Bedrock Wells	MW3B	60	U	--		3.5	U	--		60	U	--		60	U

Scovill Groundwater Data
Dissolved Zinc (in ug/L)

	Quarter Year	2009-Q3		2009-Q4		2009-Q4		2010-Q1		2010-Q1		2010-Q2		2010-Q2		2010-Q4		2010-Q4	
	Sample Type	FD		N		FD		N		FD		N		FD		N		FD	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	--		60	U	--		60	U	--		60	U	--		60	U	--	
Shallow Overburden	MW10	--		1430		--		2039		--		1194	J	--		1513		--	
Shallow Overburden	MW11S	--		1.6	J	--		2.6	J	--		49.6	J	--		2.2	J	--	
Shallow Overburden	MW12S	--		--		--		1965		--		156	J	--		--		--	
Shallow Overburden	MW13	--		1.2	J	--		60	U	--		37.7	J	--		60	U	--	
Shallow Overburden	MW2S	--		33.7	J	--		694		--		253		--		921		--	
Shallow Overburden	MW3	--		88.8		--		660		--		286	J	--		309		--	
Shallow Overburden	MW4	--		7260		--		5022		--		5234		--		6440		--	
Shallow Overburden	MW5	--		68.6		--		57.5	J	--		51.4	J	--		58.6	J	--	
Shallow Overburden	MW6	--		60	U	--		15.1	J	--		60	U	--		60	U	--	
Shallow Overburden	MW7S	--		5270		--		5489		--		6981	J	--		5074		--	
Shallow Overburden	MW8S	--		51.7	J	--		29.8	J	--		55.8	J	--		56.3	J	--	
Shallow Overburden	MW9S	--		23.8	J	--		45.5	J	--		29.7	J	--		13.4	J	--	
Deep Overburden	MW11D	--		60	U	--		3.2	J	--		60	U	--		1.9	J	--	
Deep Overburden	MW12D	5.4	J	9.8	J	--		1.2	J	--		84.5	J	--		2.5	J	--	
Deep Overburden	MW3D	--		1.2	J	--		60	U	--		31.2	J	--		60	U	60	U
Deep Overburden	MW4D	--		23.2	J	--		14.7	J	--		23.8	J	--		24.9	J	--	
Deep Overburden	MW6D	--		60	U	60	U	2.8	J	3.7	J	60	U	33.5	J	60	U	60	U
Deep Overburden	MW7D	--		60	U	--		0.71	J	--		60	U	--		60	U	--	
Deep Overburden	MW8D	60	U	60	U	60	U	60	U	60	U	132	J	60	U	60	U	--	
Deep Overburden	MW9D	--		1.2	J	--		3.8	J	--		60	U	--		4.9	J	--	
Bedrock Wells	MW3B	--		0.5	J	--		60	U	--		60	U	--		60	U	--	

Scovill Groundwater Data
Phenanthrene (in ug/L)

	Quarter Year	2008-Q4		2008-Q4		2009-Q1		2009-Q1		2009-Q2		2009-Q2	
	Sample Type	N		FD		N		FD		N		FD	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	4.8	U	--		5	U	--		5	U	--	
Shallow Overburden	MW10	4.8	U	--		5	U	5	U	5	U	--	
Shallow Overburden	MW11S	0.56	J	--		5	U	--		5	U	--	
Shallow Overburden	MW12S	5.1	U	--		5	UJ	--		5	U	--	
Shallow Overburden	MW13	4.7	U	--		5	U	--		5	U	--	
Shallow Overburden	MW2S	4.7	U	--		5	U	--		5	U	--	
Shallow Overburden	MW3	5	U	5	U	5	U	--		5	U	--	
Shallow Overburden	MW4	4.8	U	--		5	U	--		5	U	--	
Shallow Overburden	MW5	5	U	--		5	UJ	--		5	U	--	
Shallow Overburden	MW6	4.7	U	--		5	U	5	U	5	U	5	U
Shallow Overburden	MW7S	4.8	U	--		5	U	--		5	U	--	
Shallow Overburden	MW8S	5	U	--		5	UJ	--		5	U	--	
Shallow Overburden	MW9S	4.7	U	--		5	U	--		5	U	--	
Deep Overburden	MW11D	5	U	--		5	U	--		5	U	5	U
Deep Overburden	MW12D	5	U	--		5	UJ	--		5	U	--	
Deep Overburden	MW3D	4.8	U	--		5	U	--		5	U	--	
Deep Overburden	MW4D	4.7	U	--		5	U	--		5	U	--	
Deep Overburden	MW6D	5	U	--		5	U	--		5	U	--	
Deep Overburden	MW7D	4.8	U	--		5	U	--		5	U	--	
Deep Overburden	MW8D	5.2	U	5	U	5	UJ	--		5	U	--	
Deep Overburden	MW9D	5	U	--		5	U	--		5	U	--	
Bedrock Wells	MW3B	5	U	--		5	U	--		5	U	--	

Scovill Groundwater Data
Phenanthrene (in ug/L)

	Quarter Year	2009-Q3		2009-Q3		2009-Q4		2009-Q4		2010-Q1		2010-Q1		2010-Q2		2010-Q2		2010-Q4	
	Sample Type	N		FD		N		FD		N		FD		N		FD		N	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW10	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW11S	1.1	J	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW12S	5	U	--		--		--		5	U	--		5	U	--		5	U
Shallow Overburden	MW13	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW2S	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW3	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW4	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW5	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW6	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW7S	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW8S	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Shallow Overburden	MW9S	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Deep Overburden	MW11D	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Deep Overburden	MW12D	5	U	5	U	5	U	--		5	U	--		5	U	--		5	U
Deep Overburden	MW3D	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Deep Overburden	MW4D	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Deep Overburden	MW6D	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
Deep Overburden	MW7D	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Deep Overburden	MW8D	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Deep Overburden	MW9D	5	U	--		5	U	--		5	U	--		5	U	--		5	U
Bedrock Wells	MW3B	5	U	--		5	U	--		5	U	--		5	U	--		5	U

Scovill Groundwater Data
Phenanthrene (in ug/L)

	Quarter Year	2010-Q4	
	Sample Type	FD	
Location Group:	Well No.:	Result	Qual.
Shallow Overburden	MW1	--	
Shallow Overburden	MW10	--	
Shallow Overburden	MW11S	--	
Shallow Overburden	MW12S	--	
Shallow Overburden	MW13	--	
Shallow Overburden	MW2S	--	
Shallow Overburden	MW3	--	
Shallow Overburden	MW4	--	
Shallow Overburden	MW5	--	
Shallow Overburden	MW6	--	
Shallow Overburden	MW7S	--	
Shallow Overburden	MW8S	--	
Shallow Overburden	MW9S	--	
Deep Overburden	MW11D	--	
Deep Overburden	MW12D	--	
Deep Overburden	MW3D	5	U
Deep Overburden	MW4D	--	
Deep Overburden	MW6D	5	U
Deep Overburden	MW7D	--	
Deep Overburden	MW8D	--	
Deep Overburden	MW9D	--	
Bedrock Wells	MW3B	--	

Scovill Groundwater Data
Benzo(k)Fluoranthene (in ug/L)

	Quarter Year	2008-Q4		2008-Q4		2009-Q1		2009-Q1		2009-Q2		2009-Q2		2009-Q3		2009-Q3	
	Sample Type	N		FD		N		FD		N		FD		N		FD	
Location Group:	Well No.:	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.	Result	Qual.
Shallow Overburden	MW1	4.8	U	--		5	U	--		5	U	--		5	U	--	
Shallow Overburden	MW10	4.8	U	--		5	U	5	U	5	U	--		5	U	--	
Shallow Overburden	MW11S	5	U	--		5	U	--		5	U	--		5	U	--	
Shallow Overburden	MW12S	5.1	U	--		5	UJ	--		5	U	--		--		--	
Shallow Overburden	MW13	4.7	U	--		5	U	--		5	U	--		5	U	--	
Shallow Overburden	MW2S	4.7	U	--		5	U	--		5	U	--		5	U	--	
Shallow Overburden	MW3	5	U	5	U	5	UJ	--		5	U	--		5	U	--	
Shallow Overburden	MW4	4.8	U	--		5	U	--		5	U	--		5	U	--	
Shallow Overburden	MW5	5	U	--		5	UJ	--		5	U	--		5	U	--	
Shallow Overburden	MW6	4.7	U	--		5	U	5	U	5	U	5	U	5	U	--	
Shallow Overburden	MW7S	4.8	U	--		5	U	--		5	U	--		5	U	--	
Shallow Overburden	MW8S	5	U	--		5	UJ	--		5	U	--		5	U	--	
Shallow Overburden	MW9S	4.7	U	--		5	U	--		5	U	--		5	U	--	
Deep Overburden	MW11D	5	U	--		5	U	--		5	U	5	U	5	U	--	
Deep Overburden	MW12D	5	U	--		5	UJ	--		5	U	--		5	U	5	U
Deep Overburden	MW3D	4.8	U	--		5	U	--		5	U	--		5	U	--	
Deep Overburden	MW4D	4.7	U	--		5	U	--		5	U	--		5	U	--	
Deep Overburden	MW6D	5	U	--		5	U	--		5	U	--		5	U	--	
Deep Overburden	MW7D	4.8	U	--		5	U	--		5	U	--		5	U	--	
Deep Overburden	MW8D	5.2	U	5	U	5	UJ	--		5	U	--		5	U	5	U
Deep Overburden	MW9D	5	U	--		5	U	--		5	U	--		5	U	--	
Bedrock Wells	MW3B	5	U	--		5	U	--		5	U	--		5	U	--	

Scovill Groundwater Data
Benzo(k)Fluoranthene (in ug/L)

	Quarter Year	2009-Q4	2009-Q4	2010-Q1	2010-Q1	2010-Q2	2010-Q2	2010-Q4	2010-Q4
	Sample Type	N	FD	N	FD	N	FD	N	FD
Location Group:	Well No.:	Result Qual.	Result Qual.	Result Qual.	Result Qual.	Result Qual.	Result Qual.	Result Qual.	Result Qual.
Shallow Overburden	MW1	5 U	--	5 U	--	5 U	--	5 U	--
Shallow Overburden	MW10	5 U	--	5 U	--	5 U	--	5 U	--
Shallow Overburden	MW11S	5 U	--	5 U	--	5 U	--	5 U	--
Shallow Overburden	MW12S	--	--	5 U	--	5 U	--	5 U	--
Shallow Overburden	MW13	5 U	--	5 U	--	5 U	--	5 U	--
Shallow Overburden	MW2S	5 U	--	5 U	--	5	--	5 U	--
Shallow Overburden	MW3	5 U	--	5 U	--	5 U	--	5 U	--
Shallow Overburden	MW4	5 U	--	5 U	--	5 U	--	5 U	--
Shallow Overburden	MW5	5 U	--	5 U	--	5 U	--	5 U	--
Shallow Overburden	MW6	5 U	--	5 U	--	5 U	--	5 U	--
Shallow Overburden	MW7S	5 U	--	5 U	--	5 U	--	5 U	--
Shallow Overburden	MW8S	5 U	--	0.31 J	--	5 U	--	5 U	--
Shallow Overburden	MW9S	5 U	--	5 U	--	5 U	--	5 U	--
Deep Overburden	MW11D	5 U	--	5 U	--	5 U	--	5 U	--
Deep Overburden	MW12D	5 U	--	5 U	--	5 U	--	5 U	--
Deep Overburden	MW3D	5 U	--	5 U	--	5 U	--	5 U	5 U
Deep Overburden	MW4D	5 U	--	5 U	--	5 U	--	5 U	--
Deep Overburden	MW6D	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Deep Overburden	MW7D	5 U	--	5 U	--	5 U	--	5 U	--
Deep Overburden	MW8D	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
Deep Overburden	MW9D	5 U	--	5 U	--	5 U	--	5 U	--
Bedrock Wells	MW3B	5 U	--	0.17 J	--	5 U	--	5 U	--