Raymark
3.6
#11530

TABLES

#11530

TABLE 2-1
HISTORY OF ACTIVITIES ASSOCIATED WITH RAYMARK FACILITY AND ENVIRONS
DRAFT FINAL REMEDIAL INVESTIGATION REPORT – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

DATE	ACTIVITY	COMPANY CONDUCTING ACTIVITY*	GENERAL FINDINGS
1992-1994	CERCLA Removal Action at the Raymark Facility to abate imminent health risks	ELI	Mitigated imminent health risks posed by site conditions.
1993	Soil Sampling	Metcalf & Eddy - CT DEP	Soil samples collected from residential properties within AOC C.
1993	Final Site Inspection Report for Raymark Industries issued	Weston (ARCS)	Included collection of sediment samples along Ferry Creek and the Housatonic River to monitor contaminant migration from the Raymark Facility. Numerous site-related organic and inorganic contaminants detected at elevated levels. Soil sampling detected site-related contaminants at the facility and nearby residential properties. Report also summarized previous sampling results (soil, sediment, groundwater).
1993	Fish and Shellfish Sampling	EPA and CT DEP	Fish/shellfish analyses from samples collected from various Stratford water bodies, including Housatonic River, Ferry Creek, Selby Pond, and other ponds. Health advisory issued to limit consumption of eels from Selby Pond.
1993-1995	Expanded Site Inspections (ESIs) and Vertical Sampling Program (VSP)	Weston (TAT/ARCS)	Surficial and subsurface soil and groundwater sampling conducted at various locations throughout Stratford identified contamination. Commercial and residential properties within the study area were investigated by Weston under TAT and ARCS, respectively.
1993-1994	Comprehensive Site Investigation (CSI) reports issued, Stratford Superfund Sites	HNUS (ARCS)	Surficial and subsurface soil investigations and sampling for lead, PCBs, and asbestos conducted at Stratford residential properties, using a grid sampling system, to provide data necessary to proceed with the Stratford Superfund Sites Remediation Program. The properties investigated by HNUS are outside the current OU3 study area, and are therefore not discussed in this report, but data from these studies were used to help define the current OU3 study area.

TABLE 2-1 (cont.)
HISTORY OF ACTIVITIES ASSOCIATED WITH RAYMARK FACILITY AND ENVIRONS
DRAFT REMEDIAL INVESTIGATION REPORT – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

DATE	ACTIVITY	COMPANY CONDUCTING ACTIVITY*	GENERAL FINDINGS
1994-1995	Comprehensive Site Investigations (CSI), Stratford Superfund Sites, Final CSI Report issued 1995	Foster Wheeler	Surficial and subsurface soil investigations conducted at Stratford residential properties, using a grid sampling system, to provide data necessary to proceed with the Stratford Superfund Sites Remediation Program. Contamination identified.
1994	Hydrologic Runoff Analysis Report issued	ELI	Investigated surface water samples associated with drainage system network and diversion bypass around Lagoon No. 4. Contaminant discharge identified as result of drainage network, not a specific source or spill.
1994	Ground Penetrating Radar (GPR) Survey Report issued	Hager-Richter	Data obtained on depth of fill and presence of buried metal objects at three properties within the study area (Morgan Francis, Housatonic Boat Club, and Spada).
1994-1996	Removal Action and Post-Excavation Programs	Foster Wheeler	Post-excavation records for soil removal actions conducted at 46 properties document the remediation activities and indicate that the established clean-up criteria were achieved.
1995	Final RCRA Facility Investigation Report, Raymark Industries, issued	ELI	Reported results from monitoring wells and soil borings, Phase IIA and IIB groundwater sampling rounds, nature and extent of Raymark Facility contamination. Continued to exceed drinking water standards.
1995	Final Remedial Investigation Report, Raymark Facility, issued	HNUS (ARCS)	Compiled results reported by ELI and other contractors as part of RCRA Facility Investigation and CERCLA time-critical removal actions at Raymark Facility. Widespread groundwater and soil contamination at facility. Recommend additional investigations of surface water, sediment, and groundwater off site.
1997	Ecological Risk Assessment	NOAA	Assessed risks to ecological receptors posed by hazardous Raymark Facility waste materials present in Ferry Creek, portions of the Housatonic River, and associated wetlands.

TABLE 2-1 (cont.)
HISTORY OF ACTIVITIES ASSOCIATED WITH RAYMARK FACILITY AND ENVIRONS
DRAFT REMEDIAL INVESTIGATION REPORT – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

DATE	ACTIVITY	COMPANY CONDUCTING ACTIVITY*	GENERAL FINDINGS
1997	Draft Phase II and Draft Phase III Tech Memos, Selby Pond issued	HNUS	Reported nature and extent of surface water and sediment contamination in and around Selby Pond. Identified hydrologic connection between Ferry Creek and pond. Recommended consideration of remedial action to be combined with that of Ferry Creek.
1997	Final Tech Memo, Compilation of Existing Data, Raymark - Ferry Creek issued	B&RE (RAC)	Compiled existing data. Identified data gaps to be filled during Raymark – Ferry Creek RI.
1988	Draft Evaluation of Raymark Superfund Data for PRG Development	SAIC	Evaluated historical and recently collected chemistry and toxicity data for development of preliminary remediation goals for Raymark-related contaminants of concern.
1999	Evaluation of Ecological Risk to Avian and Mammalian Receptors in the Vicinity of Upper and Middle Ferry Creek	SAIC	Evaluated potential risk to avian and mammalian receptor species utilizing habitat in upper and middle Ferry Creek
1999	Phase III Ecological Risk Assessment; characterization of Areas C-F	SAIC	Conducted Site-Specific Marine Ecological Investigation to assess potential ecological risks to the aquatic environments of Areas C-F

Notes:

* - ELI was hired by Raymark Industries, Inc. to perform environmental investigations at the Raymark Facility. Metcalf & Eddy performed environmental sampling under contract to CT DEP. Foster Wheeler was contracted by U.S. ACOE to perform environmental investigations to support the Stratford Superfund Sites Removal Action Program. Weston was contracted by EPA to perform environmental investigations at the Raymark Facility and environs, including residential and commercial properties in Stratford, under TAT and ARCS contracts. NOAA and their contractor performed ecological risk assessment work for EPA. HNUS/B&RE (presently TtNUS) was contracted by EPA to perform environmental investigations at the Raymark Facility and environs to complete associated RI/FS activities under ARCS and RAC contracts. Hager-Richter Geoscience, Inc. was subcontracted by HNUS (presently TtNUS) to perform a GPR survey to support the RI/FS activities.

CSI - Comprehensive Site Investigation

ESI - Expanded Site Inspection

GPR - Ground Penetrating Radar

VSP - Vertical Sampling Program

TABLE 4-1
CHEMICAL COMPOUNDS USED OR HANDLED AT THE RAYMARK FACILITY
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

CHEMICAL COMPOUND/MATERIAL	DESCRIPTION	INFORMATION SOURCES			
		NO. 1	NO. 2	NO. 3	NO. 4
Acetone	2-Propanone	X		X	
Adhesive CR04					X
Alcohol			X		X
Aluminum	Alumina		X		X
Ammonia Aqua		X			X
Arco 4545					X
Asbestos			X	X	X
Boiler Feed Water		X			
1-Butanol	N-Butyl Alcohol			X	
2-Butanone	MEK			X	
N-Butyl Alcohol				X	
Carbon Tetrachloride	Perchloromethane			X	
Caustic	Sodium Hydroxide	X			X
Caustic Liquid/Sludge	Sodium Hydroxide				X
China Oil					X
Chinawood Oil	Meta Para Cresol; Phenolic Mixture	X			
Ching Oil					X
Chlorinated Fluorocarbons				X	
Coal	Natural Solid		X		
Coal Tar Resin	Petroleum-Like Fuel				X
Copper			X		
Cotton			X		
Cresolic Acid	Cresol; Methylphenol			X	
Cresylic Acid	Cresol; Methylphenol	X		X	X
Denatured Alcohol		X			
Denatured Ethanol					X
Dust (Dry)					X
Dust (Wet)					X
Fiberglass Fibers			X		
Fire Water		X			
Formaldehyde Resin					X
Formaldehyde (37%)		X		X	
#2 Fuel Oil	Diesel Oil	X			
#6 Fuel Oil		X	X		
Gilsonite	Asphaltic Material				X
Graphite	Black Lead		X		
Hexamethylene Tetramine	Methanamine				X
Hycar Rubber			X		
Hydraulic Oil			X		

TABLE 4-1 (cont.)
CHEMICAL COMPOUNDS USED OR HANDLED AT THE RAYMARK FACILITY
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

CHEMICAL COMPOUND/MATERIAL	DESCRIPTION	INFORMATION SOURCES			
		NO. 1	NO. 2	NO. 3	NO. 4
Iron Hydroxide Sludge			X		
Latex	Hydrocarbon Polymer	X	X		X
Lead			X	X	X
Linseed Oil	Flaxseed Oil	X			
Liquid Phenolic Resin	Condensation of Phenol with Aldehydes		X		
Meta Para Cresol	Phenolic Mixture	X			
Methanol	Methyl Alcohol				X
Methylbenzene	Toluene			X	
Methyl Chloride	Dichloromethane			X	
Methyl Chloroform	1,1,1-Trichloroethane		X	X	
Methylethyl Ketone	2-Butanone	X		X	X
Methylphenol	Cresol			X	
Mineral Spirits					X
Monochlorobenzene	Phenyl Chloride	X			X
Muriatic Acid	Hydrochloric Acid		X		
Naptha	Petroleum Product	X	X		
Nitric Acid		X	X		
Nylon					X
Phenol	Tung Oil	X	X	X	X
Phenol Formaldehyde Copolymer	Synthetic Thermosetting Polymer				X
Phenolic Resin	Condensation of Phenol with Aldehydes				X
Phenolic Resin 424					X
Phenolic Resin 439					X
Phenolic Resin 478					X
Pickle Liquor	Waste Acid Containing Dissolved Metals			X	
Polybutadiene Resin	Synthetic Thermoplastic Polymer				X
Powdered Metals					X
2-Propanone	Acetone	X		X	
Process CNSL		X			X
Raw Cashew Nut Oil		X			X
RC 439	477 Saturant	X			
RC 845					X
Reclaimed City Water		X			
Red Oxide	Iron Oxide		X		
Resin Solution CR04					X
Rinsate Water					X
Rubber	Polyisoprene		X		

TABLE 4-1 (cont.)
CHEMICAL COMPOUNDS USED OR HANDLED AT THE RAYMARK FACILITY
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

CHEMICAL COMPOUND/MATERIAL	DESCRIPTION	INFORMATION SOURCES			
		NO. 1	NO. 2	NO. 3	NO. 4
Rubber Cement			X		
Sartomer 845					X
Saturant 295E	90% Anacardic Acid; Sulfur Blistering Compound	X			
Saturant 439		X			
Saturant 451		X			X
Saturant 500-3					X
Saturant 500-F					X
Saturant 8240		X			
Saturant 850F					X
Saturant 851					X
Saturant RC 581					X
Scrap Resin	Petroleum and Mineral Spirits	X			
Scrap Saturant					X
#3 Sludge					X
Soap Saturant 850F					X
Solvent 204		X			
Steel			X		X
Steel Wool			X		
Sulfuric Acid	Battery Acid		X		
Tetrachloroethylene	Perchloroethylene (PCE)			X	
Textile Spirits					X
Toluene				X	X
Toluol	Cresol	X	X		
1,1,1-Trichloroethane (TCA)		X	X	X	
Trichloroethylene (TCE)				X	
Tung Oil		X			X
Unleaded Gasoline		X			
Varsol	Petroleum Aliphatic Solvents				X
Varsol #18		X			X
Vegetable Oil					X
VMP Naptha	Varnish; Petroleum Spirits	X			
Waste Oil		X			
White Water		X	X		X

Information Sources:
No. 1 - Overall Site Plan, Sheet No. S1 (ELI, 1993).
No. 2 - RCRA Facility Investigation Report, Section 2.0 (ELI, 1995).
No. 3 - RCRA Application, Part A, 8/15/80.
No. 4 - RCRA Application, Part B, 8/15/80.

TABLE 4-2
SUMMARY OF BACKGROUND CONCENTRATIONS IN SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION[1]	AVERAGE CONCENTRATION[2]	
		value	units
Volatile Organic Compounds:			
1,1,1-Trichloroethane	0/4	9.88	ug/kg
1,1,2,2-Tetrachloroethane	0/4	9.88	ug/kg
1,1,2-Trichloroethane	0/4	9.88	ug/kg
1,1-Dichloroethane	0/4	9.88	ug/kg
1,1-Dichloroethene	0/4	9.88	ug/kg
1,2-Dichloroethane	0/4	9.88	ug/kg
1,2-Dichloroethene	0/4	9.88	ug/kg
1,2-Dichloropropane	0/4	9.88	ug/kg
2-Butanone	0/4	9.88	ug/kg
2-Hexanone	0/4	9.88	ug/kg
4-Methyl-2-Pentanone	0/4	9.88	ug/kg
Acetone	0/4	30.3	ug/kg
Benzene	0/4	9.88	ug/kg
Bromodichloromethane	0/4	9.88	ug/kg
Bromoform	0/4	9.88	ug/kg
Bromomethane	0/4	9.88	ug/kg
Carbon Disulfide	2/4	13.6	ug/kg
Carbon Tetrachloride	0/4	9.88	ug/kg
Chlorobenzene	0/4	9.88	ug/kg
Chloroethane	0/4	9.88	ug/kg
Chloroform	0/4	9.88	ug/kg
Chloromethane	0/4	9.88	ug/kg
cis-1,3-Dichloropropane	0/4	9.88	ug/kg
Dibromochloromethane	0/4	9.88	ug/kg
Ethylbenzene	0/4	9.88	ug/kg
Methylene Chloride	0/4	9.88	ug/kg
Styrene	0/4	9.88	ug/kg
1,1,2,2-Tetrachloroethane	0/4	9.88	ug/kg
Tetrachlorothene	0/4	9.88	ug/kg
Toluene	1/4	9.38	ug/kg
Total Xylenes	0/4	9.88	ug/kg
trans-1,3-Dichloropropane	0/4	9.88	ug/kg
Trichloroethene	0/4	9.88	ug/kg
Vinyl Chloride	0/4	9.88	ug/kg
Semivolatile Organic Compounds:			
1,2,4-Trichlorobenzene	0/4	615	ug/kg
1,2-Dichlorobenzene	0/4	615	ug/kg
1,3-Dichlorobenzene	0/4	615	ug/kg
1,4-Dichlorobenzene	0/4	615	ug/kg
2,2'-oxybis(1-Chloropropane)	0/4	615	ug/kg

TABLE 4-2 (cont.)
SUMMARY OF BACKGROUND CONCENTRATIONS IN SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION[1]	AVERAGE CONCENTRATION[2]	
		value	units
2,4,5-Trichlorophenol	0/4	1500	ug/kg
2,4,6-Trichlorophenol	0/4	615	ug/kg
2,4-Dichlorophenol	0/4	615	ug/kg
2,4-Dimethylphenol	0/4	615	ug/kg
2,4-Dinitrophenol	0/4	1500	ug/kg
2,4-Dinitrotoluene	0/4	615	ug/kg
2,6-Dinitrotoluene	0/4	615	ug/kg
2-Chloronaphthalene	0/4	615	ug/kg
2-Chlorophenol	0/4	615	ug/kg
2-Methylnaphthalene	0/4	615	ug/kg
2-Methylphenol	0/4	615	ug/kg
2-Nitroaniline	0/4	1500	ug/kg
2-Nitrophenol	0/4	615	ug/kg
3,3'-Dichlorobenzidine	0/4	615	ug/kg
3-Nitroaniline	0/4	1500	ug/kg
4,6-Dinitro-2-methylphenol	0/4	1500	ug/kg
4-Bromophenyl-phenylether	0/4	615	ug/kg
4-Chloro-3-methylphenol	0/4	615	ug/kg
4-Chloroaniline	0/4	615	ug/kg
4-Chlorophenyl-phenylether	0/4	615	ug/kg
4-Methylphenol	0/4	615	ug/kg
4-Nitroaniline	0/4	1500	ug/kg
4-Nitrophenol	0/4	1500	ug/kg
Acenaphthene	0/4	615	ug/kg
Acenaphthylene	0/4	615	ug/kg
Anthracene	1/4	578	ug/kg
Benzo(a)anthracene	2/4	2020	ug/kg
Benzo(a)pyrene	1/4	1700	ug/kg
Benzo(b)fluoranthene	3/4	3290	ug/kg
Benzo(g,h,i)perylene	1/4	928	ug/kg
Benzo(k)fluoranthene	0/4	615	ug/kg
Bis(2-Chloroethoxy)Methane	0/4	615	ug/kg
Bis(2-Chloroethyl)ether	0/4	615	ug/kg
Bis(2-Ethylhexyl)phthalate	2/4	618	ug/kg
Butylbenzylphthalate	0/4	615	ug/kg
Carbazole	1/4	528	ug/kg
Chrysene	2/4	1940	ug/kg
Di-n-Butylphthalate	0/4	615	ug/kg
Di-n-Octylphthalate	0/4	615	ug/kg
Dibenzo(a,h)anthracene	1/4	753	ug/kg
Dibenzofuran	0/4	615	ug/kg
Di-n-butylphthalate	0/4	615	ug/kg

TABLE 4-2 (cont.)
SUMMARY OF BACKGROUND CONCENTRATIONS IN SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION[1]	AVERAGE CONCENTRATION[2]	
		value	units
Diethylphthalate	0/4	615	ug/kg
Dimethylphthalate	0/4	615	ug/kg
Fluoranthene	4/4	3770	ug/kg
Fluorene	0/4	615	ug/kg
Hexachlorobenzene	0/4	615	ug/kg
Hexachlorobutadiene	0/4	615	ug/kg
Hexachlorocyclopentadiene	0/4	615	ug/kg
Indeno(1,2,3-cd)pyrene	1/4	1550	ug/kg
Isophorone	0/4	615	ug/kg
N-Nitroso-di-n-propylamine	0/4	615	ug/kg
N-Nitroso-diphenylamine	0/4	615	ug/kg
Naphthalene	0/4	615	ug/kg
Nitrobenzene	0/4	615	ug/kg
Pentachlorophenol	0/4	1500	ug/kg
Phenanthrene	2/4	1900	ug/kg
Phenol	0/4	615	ug/kg
Pyrene	4/4	2490	ug/kg
Pesticides/PCBs:			
4,4'-DDD	3/4	2.31	ug/kg
4,4'-DDE	2/4	1.04	ug/kg
4,4'-DDT	2/4	1.98	ug/kg
Aldrin	3/4	0.945	ug/kg
alpha-BHC	0/4	1.40	ug/kg
alpha-Chlordane	3/4	0.294	ug/kg
Aroclor-1016	0/4	16.9	ug/kg
Aroclor-1221	0/4	34.1	ug/kg
Aroclor-1232	0/4	16.9	ug/kg
Aroclor-1242	0/4	16.9	ug/kg
Aroclor-1248	0/4	16.9	ug/kg
Aroclor-1254	0/4	16.9	ug/kg
Aroclor-1260	0/4	16.9	ug/kg
Aroclor-1262	0/4	16.9	ug/kg
Aroclor-1268	0/4	16.9	ug/kg
beta-BHC	0/4	0.863	ug/kg
delta-BHC	0/4	0.863	ug/kg
Dieldrin	0/4	1.69	ug/kg
Endosulfan I	0/4	0.863	ug/kg
Endosulfan II	2/4	0.980	ug/kg
Endosulfan Sulfate	0/4	1.69	ug/kg
Endrin	3/4	1.18	ug/kg
Endrin Aldehyde	2/4	1.13	ug/kg
Endrin Ketone	0/4	1.69	ug/kg

TABLE 4-2 (cont.)
SUMMARY OF BACKGROUND CONCENTRATIONS IN SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION[1]	AVERAGE CONCENTRATION[2]	
		value	units
gamma-BHC	0/4	0.79	ug/kg
gamma-Chlordane	2/4	2.04	ug/kg
Heptachlor	1/4	0.708	ug/kg
Heptachlor Epoxide	1/4	1.11	ug/kg
Methoxychlor	0/4	6.83	ug/kg
Toxaphene	0/4	86.3	ug/kg
Dioxins and Furans:			
1,2,3,4,6,7,8-HpCDD	4/4	0.110	ug/kg
1,2,3,4,6,7,8-HpCDF	4/4	0.0432	ug/kg
1,2,3,4,7,8,9-HpCDF	0/4	0.00405	ug/kg
1,2,3,4,7,8-HxCDD	2/4	0.00292	ug/kg
1,2,3,4,7,8-HxCDF	1/4	0.00243	ug/kg
1,2,3,6,7,8-HxCDD	2/4	0.00586	ug/kg
1,2,3,6,7,8-HxCDF	1/4	0.00184	ug/kg
1,2,3,7,8,9-HxCDD	1/4	0.00375	ug/kg
1,2,3,7,8,9-HxCDF	2/4	0.00290	ug/kg
1,2,3,7,8-PeCDD	0/4	0.00132	ug/kg
1,2,3,7,8-PeCDF	0/4	0.00181	ug/kg
2,3,4,6,7,8-HxCDF	0/4	0.00225	ug/kg
2,3,4,7,8-PeCDF	0/4	0.00173	ug/kg
2,3,7,8-TCDD	0/4	0.000373	ug/kg
2,3,7,8-TCDF	3/4	0.00419	ug/kg
OCDD	4/4	1.60	ug/kg
OCDF	4/4	0.116	ug/kg
Total HpCDD	4/4	0.260	ug/kg
Total HpCDF	4/4	0.231	ug/kg
Total HxCDD	4/4	0.0254	ug/kg
Total HxCDF	4/4	0.263	ug/kg
Total PeCDD	0/4	0.00132	ug/kg
Total PeCDF	4/4	0.402	ug/kg
Total TCDD	3/4	0.00277	ug/kg
Total TCDF	3/4	0.254	ug/kg
Toxicity Equivalency (TEQ)	4/4	0.00452	ug/kg
Metals:			
Aluminum	4/4	11500	mg/kg
Antimony	0/4	2.43	mg/kg
Arsenic	3/4	7.41	mg/kg
Barium	3/4	32.4	mg/kg
Beryllium	3/4	0.454	mg/kg
Cadmium	0/4	0.306	mg/kg
Calcium	4/4	2030	mg/kg
Chromium	4/4	60.8	mg/kg

TABLE 4-2 (cont.)
SUMMARY OF BACKGROUND CONCENTRATIONS IN SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION[1]	AVERAGE CONCENTRATION[2]	
		value	units
Cobalt	4/4	8.68	mg/kg
Copper	4/4	161	mg/kg
Iron	4/4	22100	mg/kg
Lead	4/4	71.8	mg/kg
Magnesium	4/4	6250	mg/kg
Manganese	4/4	206	mg/kg
Mercury	3/4	0.623	mg/kg
Nickel	4/4	20.5	mg/kg
Potassium	3/4	2820	mg/kg
Selenium	0/4	0.941	mg/kg
Silver	0/4	0.530	mg/kg
Sodium	4/4	8320	mg/kg
Thallium	0/4	1.08	mg/kg
Vanadium	4/4	36.1	mg/kg
Zinc	4/4	134	mg/kg

Notes:

(1) The locations and numbers of background samples collected were determined in concurrence with EPA. The frequency of detection denotes the number of times the compound/analyte was detected per the total number of samples that were analyzed.

(2) The average background concentrations were calculated as the arithmetic average of the detected concentrations and ½ the detection limits for those compounds/analytes reported as undetected. The detection limits used in the calculation are the sample specific detection limits reported by the laboratory. These detection limits are based on the EPA CLP contract required quantitation limits (CRQLs) for organics, and contract required detection limits (CRDLs) for inorganics, and incorporate any associated sample dilution or solids content factors.

TABLE 4-3
SUMMARY OF BACKGROUND CONCENTRATIONS IN SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION (1)	AVERAGE CONCENTRATION (2)	
		Value	Units
Volatile Organic Compounds:			
1,1,1-Trichloroethane	0/8	5	ug/l
1,1,2,2-Tetrachloroethane	0/8	5	ug/l
1,1,2-Trichloroethane	0/8	5	ug/l
1,1-Dichloroethane	0/8	5	ug/l
1,1-Dichloroethene	0/8	5	ug/l
1,2-Dichloroethane	0/8	5	ug/l
1,2-Dichloroethene	0/8	5	ug/l
1,2-Dichloropropane	0/8	5	ug/l
2-Butanone	0/8	5	ug/l
2-Hexanone	0/8	5	ug/l
4-Methyl-2-Pentanone	0/8	5	ug/l
Acetone	1/8	6.13	ug/l
Benzene	0/8	5	ug/l
Bromodichloromethane	0/8	5	ug/l
Bromoform	0/8	5	ug/l
Bromomethane	0/8	5	ug/l
Carbon Disulfide	1/8	4.75	ug/l
Carbon Tetrachloride	0/8	5	ug/l
Chlorobenzene	0/8	5	ug/l
Chloroethane	0/8	5	ug/l
Chloroform	0/8	5	ug/l
Chloromethane	0/8	5	ug/l
cis-1,3-Dichloropropane	0/8	5	ug/l
Dibromochloromethane	0/8	5	ug/l
Ethylbenzene	0/8	5	ug/l
Methylene Chloride	0/8	5	ug/l
Styrene	0/8	5	ug/l
1,1,2,2-Tetrachloroethane	0/8	5	ug/l
Tetrachlorothene	0/8	5	ug/l
Toluene	0/8	5	ug/l
Total Xylenes	0/8	5	ug/l
trans-1,3-Dichloropropane	0/8	5	ug/l
Trichloroethene	0/8	5	ug/l
Vinyl Chloride	0/8	5	ug/l
Semivolatile Organic Compounds:			
1,2,4-Trichlorobenzene	0/8	5	ug/l
1,2-Dichlorobenzene	0/8	5	ug/l
1,3-Dichlorobenzene	0/8	5	ug/l
1,4-Dichlorobenzene	0/8	5	ug/l
2,2'-oxybis(1-Chloropropane)	0/8	5	ug/l
2,4,5-Trichlorophenol	0/8	5	ug/l

TABLE 4-3 (cont.)
SUMMARY OF BACKGROUND CONCENTRATIONS IN SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION (1)	AVERAGE CONCENTRATION (2)	
		Value	Units
2,4,6-Trichlorophenol	0/8	12.5	ug/l
2,4-Dichlorophenol	0/8	5	ug/l
2,4-Dimethylphenol	0/8	5	ug/l
2,4-Dinitrophenol	0/8	12.5	ug/l
2,4-Dinitrotoluene	0/8	5	ug/l
2,6-Dinitrotoluene	0/8	5	ug/l
2-Chloronaphthalene	0/8	5	ug/l
2-Chlorophenol	0/8	5	ug/l
2-Methylnaphthalene	0/8	5	ug/l
2-Methylphenol	0/8	5	ug/l
2-Nitroaniline	0/8	12.5	ug/l
2-Nitrophenol	0/8	5	ug/l
3,3'-Dichlorobenzidine	0/8	5	ug/l
3-Nitroaniline	0/8	5	ug/l
4,6-Dinitro-2-methylphenol	0/8	12.5	ug/l
4-Bromophenyl-phenylether	0/8	5	ug/l
4-Chloro-3-methylphenol	0/8	5	ug/l
4-Chloroaniline	0/8	5	ug/l
4-Chlorophenyl-phenylether	0/8	5	ug/l
4-Methylphenol	0/8	5	ug/l
4-Nitroaniline	0/8	12.5	ug/l
4-Nitrophenol	0/8	12.5	ug/l
Acenaphthene	0/8	5	ug/l
Acenaphthylene	0/8	5	ug/l
Anthracene	0/8	5	ug/l
Benzo(a)anthracene	0/8	5	ug/l
Benzo(a)pyrene	0/8	5	ug/l
Benzo(b)fluoranthene	0/8	5	ug/l
Benzo(g,h,i)perylene	0/8	5	ug/l
Benzo(k)fluoranthene	0/8	5	ug/l
Bis(2-Chloroethoxy)Methane	0/8	5	ug/l
Bis(2-Chloroethyl)ether	0/8	5	ug/l
Bis(2-Ethylhexyl)phthalate	0/8	5	ug/l
Butylbenzylphthalate	0/8	5	ug/l
Carbazole	0/8	5	ug/l
Chrysene	0/8	5	ug/l
Di-n-Butylphthalate	0/8	5	ug/l
Di-n-Octylphthalate	0/8	5	ug/l
Dibenzo(a,h)anthracene	0/8	5	ug/l
Dibenzofuran	0/8	5	ug/l
Di-n-butylphthalate	0/8	5	ug/l
Diethylphthalate	0/8	5	ug/l

TABLE 4-3 (cont.)
SUMMARY OF BACKGROUND CONCENTRATIONS IN SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION (1)	AVERAGE CONCENTRATION (2)	
		Value	Units
Dimethylphthalate	0/8	5	ug/l
Fluoranthene	0/8	5	ug/l
Fluorene	0/8	5	ug/l
Hexachlorobenzene	0/8	5	ug/l
Hexachlorobutadiene	0/8	5	ug/l
Hexachlorocyclopentadiene	0/8	5	ug/l
Indeno(1,2,3-cd)pyrene	0/8	5	ug/l
Isophorone	0/8	5	ug/l
N-Nitroso-di-n-propylamine	0/8	5	ug/l
N-Nitroso-diphenylamine	0/8	5	ug/l
Naphthalene	0/8	5	ug/l
Nitrobenzene	0/8	5	ug/l
Pentachlorophenol	0/8	12.5	ug/l
Phenanthrene	0/8	5	ug/l
Phenol	0/8	5	ug/l
Pyrene	0/8	5	ug/l
Pesticides/PCBs:			
4,4'-DDD	0/8	0.05	ug/l
4,4'-DDE	0/8	0.05	ug/l
4,4'-DDT	0/8	0.125	ug/l
Aldrin	0/8	0.025	ug/l
alpha-BHC	1/8	0.0222	ug/l
alpha-Chlordane	1/8	0.0220	ug/l
Aroclor-1016	0/8	0.531	ug/l
Aroclor-1221	0/8	0.5	ug/l
Aroclor-1232	0/8	0.344	ug/l
Aroclor-1242	0/8	0.344	ug/l
Aroclor-1248	0/8	0.344	ug/l
Aroclor-1254	0/8	0.344	ug/l
Aroclor-1260	0/8	0.344	ug/l
Aroclor-1262	0/8	0.344	ug/l
Aroclor-1268	0/8	0.344	ug/l
beta-BHC	0/8	0.025	ug/l
delta-BHC	0/8	0.025	ug/l
Dieldrin	0/8	0.05	ug/l
Endosulfan I	0/8	0.025	ug/l
Endosulfan II	0/8	0.05	ug/l
Endosulfan Sulfate	0/8	0.05	ug/l
Endrin	0/8	0.05	ug/l
Endrin Aldehyde	0/8	0.0406	ug/l
Endrin Ketone	0/8	0.05	ug/l
gamma-BHC	0/8	0.0235	ug/l

TABLE 4-3 (cont.)
SUMMARY OF BACKGROUND CONCENTRATIONS IN SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION (1)	AVERAGE CONCENTRATION (2)	
		Value	Units
gamma-Chlordane	0/8	0.953	ug/l
Heptachlor	0/8	0.025	ug/l
Heptachlor Epoxide	1/8	0.0221	ug/l
Methoxychlor	0/8	0.15	ug/l
Toxaphene	0/8	1.75	ug/l
Metals:			
Aluminum	4/8	156	ug/l
Antimony	2/8	4.36	ug/l
Arsenic	1/8	14.3	ug/l
Barium	6/8	17.1	ug/l
Beryllium	0/8	0.456	ug/l
Cadmium	0/8	0.963	ug/l
Calcium	8/8	220000	ug/l
Chromium	1/8	4.98	ug/l
Cobalt	1/8	1.19	ug/l
Copper	5/8	19.8	ug/l
Iron	8/8	698	ug/l
Lead	0/8	3.94	ug/l
Magnesium	8/8	691000	ug/l
Manganese	8/8	135	ug/l
Mercury	1/8	0.149	ug/l
Nickel	0/8	4.60	ug/l
Potassium	8/8	344000	ug/l
Selenium	0/8	5.13	ug/l
Silver	0/8	5.07	ug/l
Sodium	8/8	6920000	ug/l
Thallium	1/8	10.2	ug/l
Vanadium	3/8	2.08	ug/l
Zinc	5/8	30.1	ug/l

Notes:

(1) The locations and numbers of background samples collected were determined in concurrence with EPA. The frequency of detection denotes the number of times the compound/analyte was detected per the total number of samples that were analyzed.

(2) The average background concentrations were calculated as the arithmetic average of the detected concentrations and ½ the detection limits for those compounds/analytes reported as undetected. The detection limits used in the calculation are the sample specific detection limits reported by the laboratory. These detection limits are based on the EPA CLP contract required quantitation limits (CRQLs) for organics, and contract required detection limits (CRDLs) for inorganics, and incorporate any associated sample dilution or solids content factors.

TABLE 4-4
SUMMARY OF BACKGROUND CONCENTRATIONS IN SOIL
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION (1)	AVERAGE CONCENTRATION (2)	
		value	units
Pesticides/PCBs:			
4,4'-DDD	0/35	4.60	ug/kg
4,4'-DDE	12/34	16.7	ug/kg
4,4'-DDT	13/34	29.1	ug/kg
Aldrin	0/36	2.41	ug/kg
alpha-BHC	0/36	2.41	ug/kg
alpha-Chlordane	9/35	4.88	ug/kg
Aroclor-1016	0/37	49.9	ug/kg
Aroclor-1221	0/37	93.0	ug/kg
Aroclor-1232	0/37	47.0	ug/kg
Aroclor-1242	0/37	46.1	ug/kg
Aroclor-1248	0/37	46.1	ug/kg
Aroclor-1254	0/37	46.1	ug/kg
Aroclor-1260	0/37	46.1	ug/kg
Aroclor-1262	0/27	36.8	ug/kg
Aroclor-1268	0/37	46.1	ug/kg
beta-BHC	0/35	2.39	ug/kg
delta-BHC	0/35	2.32	ug/kg
Dieldrin	8/33	13.1	ug/kg
Endosulfan I	3/35	4.52	ug/kg
Endosulfan II	5/36	4.72	ug/kg
Endosulfan Sulfate	0/36	4.69	ug/kg
Endrin	1/36	4.77	ug/kg
Endrin Aldehyde	1/36	4.56	ug/kg
Endrin Ketone	4/35	5.31	ug/kg
gamma-BHC	0/36	2.41	ug/kg
gamma-Chlordane	6/34	2.67	ug/kg
Heptachlor	1/35	2.19	ug/kg
Heptachlor Epoxide	2/35	2.33	ug/kg
Methoxychlor	4/34	22.3	ug/kg
Toxaphene	2/35	236	ug/kg
Metals:			
Aluminum	39/39	12900	mg/kg
Antimony	0/37	2.86	mg/kg
Arsenic	39/39	5.67	mg/kg
Barium	39/39	57.5	mg/kg
Beryllium	34/39	0.719	mg/kg
Cadmium	8/39	0.397	mg/kg
Calcium	39/39	1600	mg/kg
Chromium	39/39	17.0	mg/kg
Cobalt	29/39	6.35	mg/kg

TABLE 4-4 (cont.)
SUMMARY OF BACKGROUND CONCENTRATIONS IN SOIL
DRAFT FINAL REMEDIAL INVESTIGATION – AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

PARAMETER	FREQUENCY OF DETECTION (1)	AVERAGE CONCENTRATION (2)	
		value	units
Copper	37/38	28.8	mg/kg
Iron	39/39	16000	mg/kg
Lead	36/39	80.8	mg/kg
Magnesium	39/39	3250	mg/kg
Manganese	39/39	306	mg/kg
Mercury	25/39	0.111	mg/kg
Nickel	2/39	12.5	mg/kg
Potassium	24/39	961	mg/kg
Selenium	6/39	0.499	mg/kg
Silver	2/39	0.508	mg/kg
Sodium	21/34	76.4	mg/kg
Thallium	0/39	0.368	mg/kg
Vanadium	38/39	34.2	mg/kg
Zinc	39/39	112	mg/kg

Notes:

(1) The locations and numbers of background samples collected were determined in concurrence with EPA. The frequency of detection denotes the number of times the compound/analyte was detected per the total number of samples that were analyzed.

(2) The average background concentrations were calculated as the arithmetic average of the detected concentrations and ½ the detection limits for those compounds/analytes reported as undetected. The detection limits used in the calculation are the sample specific detection limits reported by the laboratory. These detection limits are based on the EPA CLP contract required quantitation limits (CRQLs) for organics, and contract required detection limits (CRDLs) for inorganics, and incorporate any associated sample dilution or solids content factors.

TABLE 4-5
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	BIOTA	EPA	08-Jul-93	FC01-8244																+	
B	BIOTA	EPA	08-Jul-93	FC01-8246/49/50					+												
B	BIOTA	EPA	08-Jul-93	FC01-8248																+	
B	BIOTA	EPA	08-Jul-93	FC01-8308					+												
B	BIOTA	EPA	08-Jul-93	FC04-8043					+												
B	BIOTA	EPA	08-Jul-93	FC04-8047																+	
B	BIOTA	EPA	08-Jul-93	FC05-8301																+	
B	BIOTA	EPA	08-Jul-93	FC05-8305					+												
B	BIOTA	EPA	08-Jul-93	FC06-8044																+	
B	BIOTA	EPA	08-Jul-93	FC06-8294							+										
B	BIOTA	EPA	08-Jul-93	FC06-8295							+										
B	BIOTA	EPA	08-Jul-93	FC06-8296					+												
B	BIOTA	EPA	08-Jul-93	FC06-8297					+												
B	BIOTA	EPA	08-Jul-93	FC06-8299																+	
B	BIOTA	EPA	08-Jul-93	FC07-8272					+												
B	BIOTA	EPA	08-Jul-93	FC07-8273					+												
B	BIOTA	EPA	08-Jul-93	FC07-8275							+										
B	BIOTA	EPA	08-Jul-93	FC07-8276							+										
B	BIOTA	EPA	08-Jul-93	FC08-8278																+	
B	BIOTA	EPA	08-Jul-93	FC08-8284							+										
B	BIOTA	EPA	08-Jul-93	FC08-8285/86							+										
B	BIOTA	EPA	08-Jul-93	FC08-8287					+												
B	BIOTA	EPA	08-Jul-93	FC08-8288					+												
B	BIOTA	EPA	08-Jul-93	FC09-8042							+										
B	BIOTA	EPA	08-Jul-93	FC09-8049					+												
B	BIOTA	EPA	08-Jul-93	FC09-8054					+												
B	BIOTA	EPA	08-Jul-93	FC09-8263							+										
B	BIOTA	EPA	08-Jul-93	FC09-8269																+	
B	BIOTA	EPA	08-Jul-93	FC09-8279							+										

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	BIOTA	EPA	08-Jul-93	FC09-8280																+	
B	BIOTA	EPA	08-Jul-93	FC09-8280D																+	
B	BIOTA	EPA	08-Jul-93	FC10-8039/253/282					+												
B	BIOTA	EPA	08-Jul-93	FC10-8252					+												
B	BIOTA	EPA	08-Jul-93	FC10-8256							+										
B	BIOTA	EPA	08-Jul-93	FC10-8257							+										
B	BIOTA	EPA	08-Jul-93	FC10-8258																+	
B	BIOTA	EPA	08-Jul-93	FC10-8259																+	
B	BIOTA	EPA	08-Jul-93	FC11-8051					+												
B	BIOTA	EPA	08-Jul-93	FC11-8260							+										
B	BIOTA	EPA	08-Jul-93	FC11-8262																+	
B	BIOTA	EPA	08-Jul-93	FC12-8040																+	
B	BIOTA	EPA	08-Jul-93	FC12-8052					+												
B	BIOTA	EPA	08-Jul-93	FC12-8261							+										
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB03-0002	0	2						+									+
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB03-0204	2	4						+									+
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB03-0406	4	6						+									+
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB03-0608	6	8	+	+	+		+	+									
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB03-0810	8	10						+									+
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB03-1012	10	12						+									+
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB03-1214	12	14		+	+		+	+									
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB03-1416	14	16						+									+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB05-0002	0	2						+									+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB05-0204	2	4						+									+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB05-0608	6	8			+			+						+			+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB05-0810	8	10						+									+

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB05-1012	10	12						+									+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB05-1214	12	14		+	+		+	+									
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB05-1416	14	16						+									+
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB06-0002	0	2						+									+
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB06-0204	2	4		+	+	+	+	+									
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB06-0406	4	6		+	+	+	+	+									
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB06-0608	6	8						+									+
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB06-0810	8	10						+									+
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB06-1012	10	12						+									+
B	SEDIMEN	B&RE	31-Jul-97	OU3-B2-SB06-1214	12	14						+									+
B	SEDIMEN	B&RE	12-Aug-97	OU3-B2-SB08-0002	0	2		+	+		+	+						+			
B	SEDIMEN	B&RE	12-Aug-97	OU3-B2-SB08-0204	2	4		+	+		+	+									
B	SEDIMEN	B&RE	12-Aug-97	OU3-B2-SB08-0406	4	6						+									+
B	SEDIMEN	B&RE	12-Aug-97	OU3-B2-SB08-0608	6	8						+									+
B	SEDIMEN	B&RE	12-Aug-97	OU3-B2-SB08-0810	8	10						+									+
B	SEDIMEN	B&RE	12-Aug-97	OU3-B2-SB08-1012	10	12						+									+
B	SEDIMEN	B&RE	12-Aug-97	OU3-B2-SB08-1214	12	14						+									+
B	SEDIMEN	B&RE	12-Aug-97	OU3-B2-SB08-1416	14	16						+									+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB09-0002	0	2						+									+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB09-0204	2	4		+	+	+	+	+						+			
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB09-0406	4	6		+	+	+	+	+									
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB09-0608	6	8						+									+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB09-0810	8	10						+									+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB09-1012	10	12						+									+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB09-1214	12	14						+									+
B	SEDIMEN	B&RE	30-Jul-97	OU3-B2-SB09-1416	14	16						+									+
B	SEDIMEN	B&RE	06-Aug-97	OU3-B2-SD01-0204	2	4		+	+	+	+	+	+								
B	SEDIMEN	B&RE	06-Aug-97	OU3-B2-SD02-0204	2	4	+	+	+		+	+	+								

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	SEDIMEN	B&RE	15-Jul-97	OU3-B2-SD03-0002	0	2		+	+		+	+									
B	SEDIMEN	B&RE	15-Jul-97	OU3-B2-SD03-0204	2	4		+	+		+	+									
B	SEDIMEN	B&RE	06-Aug-97	OU3-B2-SD04-0002	0	2	+	+	+		+	+	+								
B	SEDIMEN	B&RE	07-Aug-97	OU3-B2-SD04-0204	2	4	+	+	+		+	+	+								
B	SEDIMEN	B&RE	06-Aug-97	OU3-B2-SD04-0406	4	6	+	+	+		+	+	+								
B	SEDIMEN	B&RE	06-Aug-97	OU3-B2-SD05-0002	0	2	+	+	+		+	+	+								
B	SEDIMEN	B&RE	07-Aug-97	OU3-B2-SD06-0002	0	2		+	+		+	+	+								
B	SEDIMEN	B&RE	07-Aug-97	OU3-B2-SD06-0204	2	4	+	+	+		+	+	+								
B	SEDIMEN	B&RE	07-Aug-97	OU3-B2-SD06-0507	5	7		+	+		+	+	+								
B	SEDIMEN	B&RE	08-Aug-97	OU3-B2-SD07-0002	0	2	+	+	+		+	+	+								
B	SEDIMEN	B&RE	08-Aug-97	OU3-B2-SD07-0406	4	6		+	+		+	+	+								
B	SEDIMEN	B&RE	08-Aug-97	OU3-B2-SD08-0002	0	2		+	+	+	+	+	+								
B	SEDIMEN	B&RE	08-Aug-97	OU3-B2-SD08-0406	4	6	+	+	+	+	+	+	+								
B	SEDIMEN	B&RE	07-Aug-97	OU3-B2-SD10-0002	0	2		+	+		+	+	+								
B	SEDIMEN	B&RE	07-Aug-97	OU3-B2-SD10-0204	2	4	+	+	+		+	+	+								
B	SEDIMEN	B&RE	10-Jul-97	OU3-B2-SD11-0002	0	2	+	+	+		+	+	+								
B	SEDIMEN	B&RE	10-Jul-97	OU3-B2-SD11-0204	2	4		+	+		+	+	+								
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-DB01-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-DB02-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-DB03-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-DB04-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-DB05-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-DB06-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-DB07-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-DB08-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-DB09-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-DB10-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	11-Aug-94	RM-SD-SD07-01	0	0.5	+	+	+	+	+										

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	SEDIMEN	B&RE	08-Aug-95	RM-SD-SD07-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	11-Aug-94	RM-SD-SD08-01	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	08-Nov-94	RM-SD-SD08-02	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	11-Aug-94	RM-SD-SD09-01	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	07-Nov-94	RM-SD-SD09-02	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	25-Apr-95	RM-SD-SD09-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	10-Aug-95	RM-SD-SD09-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	11-Aug-94	RM-SD-SD10-01	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	08-Aug-95	RM-SD-SD10-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	11-Aug-94	RM-SD-SD11-01	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-SD19-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	08-Aug-95	RM-SD-SD19-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	19-Apr-95	RM-SD-SD20-03	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	08-Aug-95	RM-SD-SD20-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	10-Aug-95	RM-SD-SD25-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	10-Aug-95	RM-SD-SD26-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	10-Aug-95	RM-SD-SD27-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	10-Aug-95	RM-SD-SD28-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	10-Aug-95	RM-SD-SD29-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	10-Aug-95	RM-SD-SD30-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	15-Aug-95	RM-SD-SD31-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	15-Aug-95	RM-SD-SD32-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	15-Aug-95	RM-SD-SD33-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	15-Aug-95	RM-SD-SD34-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	15-Aug-95	RM-SD-SD35-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	16-Aug-95	RM-SD-SD36-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	16-Aug-95	RM-SD-SD37-04	0	0.5	+	+	+	+	+										
B	SEDIMEN	B&RE	15-Aug-95	RM-SD-SD38-04	0	0.5	+	+	+	+	+										

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	SEDIMEN	B&RE	25-Apr-95	RM-SD-SD9D-03	0.5	1	+	+	+	+	+										
B	SEDIMEN	WESTON/TAT	01-Jul-93	DBL-002	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	DBL-016	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	DBL-019	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	DBL-020	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	DBL-021	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	DBL-022	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	DBL-023	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	DBL-024	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	DBL-025	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	DBL-026	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	30-Jun-93	DBL027	0	0.5			+		+	+									
B	SEDIMEN	WESTON/TAT	23-Jun-93	HR24	0	0.5			+		+	+									
B	SEDIMEN	WESTON/TAT	23-Jun-93	HR25	0	0.5			+		+	+									
B	SEDIMEN	WESTON/TAT	23-Jun-93	HR26	0	0.5			+		+	+									
B	SEDIMEN	WESTON/TAT	23-Jun-93	HR27	0	0.5			+		+	+									
B	SEDIMEN	WESTON/TAT	23-Jun-93	HR28	0	0.5			+		+	+									
B	SEDIMEN	WESTON/TAT	23-Jun-93	HR29	0	0.5			+		+	+									
B	SEDIMEN	WESTON/TAT	24-Jun-93	HR45	0	0.5			+		+	+									
B	SEDIMEN	WESTON/TAT	23-Sep-92	SD-04	0	0.5	+		+	+	+										
B	SEDIMEN	WESTON/TAT	23-Sep-92	SD-05	0	0.5	+		+	+	+										
B	SEDIMEN	WESTON/TAT	12-Jul-94	SM C+240	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	SM-004	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	SM-005	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	SM-006	0	0.5						+									+
B	SEDIMEN	WESTON/TAT	01-Jul-93	SM-007	0	0.5						+									+
B	SOIL	B&RE	04-Aug-97	OU3-B2-SB01-0002	0	2						+									+
B	SOIL	B&RE	04-Aug-97	OU3-B2-SB01-0204	2	4						+									+

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	SOIL	B&RE	04-Aug-97	OU3-B2-SB01-0406	4	6		+	+	+	+	+						+			
B	SOIL	B&RE	04-Aug-97	OU3-B2-SB01-0608	6	8		+	+		+	+									
B	SOIL	B&RE	04-Aug-97	OU3-B2-SB01-0810	8	10						+									+
B	SOIL	B&RE	04-Aug-97	OU3-B2-SB01-1012	10	12						+									+
B	SOIL	B&RE	04-Aug-97	OU3-B2-SB01-1214	12	14						+									+
B	SOIL	B&RE	04-Aug-97	OU3-B2-SB01-1416	14	16						+									+
B	SOIL	B&RE	01-Aug-97	OU3-B2-SB02-0002	0	2						+									+
B	SOIL	B&RE	01-Aug-97	OU3-B2-SB02-0204	2	4						+									+
B	SOIL	B&RE	01-Aug-97	OU3-B2-SB02-0406	4	6		+	+		+	+						+			
B	SOIL	B&RE	01-Aug-97	OU3-B2-SB02-0608	6	8						+									+
B	SOIL	B&RE	01-Aug-97	OU3-B2-SB02-0810	8	10						+									+
B	SOIL	B&RE	01-Aug-97	OU3-B2-SB02-1012	10	12						+									+
B	SOIL	B&RE	01-Aug-97	OU3-B2-SB02-1214	12	14						+									+
B	SOIL	B&RE	01-Aug-97	OU3-B2-SB02-1416	14	16		+	+		+	+									
B	SOIL	B&RE	31-Jul-97	OU3-B2-SB04-0002	0	2						+									+
B	SOIL	B&RE	31-Jul-97	OU3-B2-SB04-0204	2	4						+									+
B	SOIL	B&RE	31-Jul-97	OU3-B2-SB04-0406	4	6		+	+		+	+						+			
B	SOIL	B&RE	31-Jul-97	OU3-B2-SB04-0608	6	8						+									+
B	SOIL	B&RE	31-Jul-97	OU3-B2-SB04-0810	8	10						+									+
B	SOIL	B&RE	31-Jul-97	OU3-B2-SB04-1012	10	12		+	+		+	+									
B	SOIL	B&RE	31-Jul-97	OU3-B2-SB04-1214	12	14						+									+
B	SOIL	B&RE	31-Jul-97	OU3-B2-SB04-1416	14	16						+									+
B	SOIL	B&RE	30-Jul-97	OU3-B2-SB07-0002	0	2						+									+
B	SOIL	B&RE	30-Jul-97	OU3-B2-SB07-0204	2	4						+									+
B	SOIL	B&RE	30-Jul-97	OU3-B2-SB07-0406	4	6						+									+
B	SOIL	B&RE	30-Jul-97	OU3-B2-SB07-0608	6	8	+	+	+		+	+						+			
B	SOIL	B&RE	30-Jul-97	OU3-B2-SB07-0810	8	10		+	+		+	+									
B	SOIL	B&RE	30-Jul-97	OU3-B2-SB07-1012	10	12						+									+

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	SOIL	B&RE	30-Jul-97	OU3-B2-SB07-1214	12	14						+									+
B	SOIL	B&RE	30-Jul-97	OU3-B2-SB07-1416	14	16						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654A N153,E164 (0.0-	0	0.3						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654A N153,E164 (0.4-	0.4	0.6						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654A N153,E164 (0.8-	0.8	1						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654A N153,E164 (2.0-	2	2.3						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654A N153,E164 (3.0-	3	3.2						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654A N153,E164 (3.2-	3.2	3.9						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654A N153,E164 (3.9-	3.9	4.2						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654A N172,E164 (0.0-	0	0.6						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654A N172,E164 (0.6-	0.6	1						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654A N172,E164 (1.5-	1.5	2						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA654AC-N153,E164(0.0-	0	0.3	+	+	+	+	+										
B	SOIL	WESTON/ARCS	14-Oct-93	SA654AC-N153,E164(3.9-	3.9	4.2	+	+	+	+	+										
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+050-(0.0-0.3)	0	0.3						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+050-(0.3-1.0)	0.3	1						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+050-(2.0-3.0)	2	3						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+050-(3.0-4.0)	3	4						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+050-(4.0-5.0)	4	5						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+050-(6.0-7.0)	6	7						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+075-(0.0-0.3)	0	0.3						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+075-(0.3-1.0)	0.3	1						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+075-(1.0-2.0)	1	2						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+075-(2.0-3.0)	2	3						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+075-(3.0-4.0)	3	4						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+075-(4.0-5.0)	4	5						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+075-(5.0-6.0)	5	6						+									+
B	SOIL	WESTON/ARCS	22-Sep-94	SA658 A+075-(6.0-7.0)	6	7						+									+

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 B+075-(0.0-0.3)	0	0.3						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 B+075-(0.3-1.0)	0.3	1						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 B+075-(1.0-2.0)	1	2						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 B+075-(2.0-3.0)	2	3						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 B+075-(3.0-4.0)	3	4						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 B+075-(4.0-5.0)	4	5						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 B+075-(5.0-6.0)	5	6						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 B+075-(6.0-7.0)	6	7						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+050-(0.0-0.3)	0	0.3						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+050-(0.3-1.0)	0.3	1						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+050-(1.0-2.0)	1	2						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+050-(2.0-3.0)	2	3						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+050-(3.0-4.0)	3	4						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+050-(4.0-5.0)	4	5						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+050-(5.0-6.0)	5	6						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+050-(6.0-7.0)	6	7						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+075-(0.0-0.3)	0	0.3						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+075-(0.3-1.0)	0.3	1						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+075-(1.0-2.0)	1	2						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+075-(2.0-3.0)	2	3						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+075-(3.0-4.0)	3	4						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+075-(4.0-5.0)	4	5						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+075-(5.0-6.0)	5	6						+									+
B	SOIL	WESTON/ARCS	21-Sep-94	SA658 C+075-(6.0-7.0)	6	7						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA666A N80,E123 (0.0-	0	0.3						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA666A N80,E123 (0.9-	0.9	1.1						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA666A N80,E123 (1.3-	1.3	1.6						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA666A N80,E123 (1.6-	1.6	1.9						+									+

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	SOIL	WESTON/ARCS	14-Oct-93	SA666A N80,E123 (2.2-	2.2	2.5						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA666A N80,E123 (4.8-	4.8	5.1						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA666A N80,E123 (6.4-	6.4	6.6						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA666A N80,E123 (8.6-	8.6	8.8						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA666A N80,E123 (9.6-	9.6	9.8						+									+
B	SOIL	WESTON/ARCS	16-Oct-93	SA674-N37,E103(1.5-2.2)	1.5	2.2				+											
B	SOIL	WESTON/ARCS	15-Oct-93	SA674A N12,E12 (0.0-0.3)	0	0.3						+									+
B	SOIL	WESTON/ARCS	15-Oct-93	SA674A N12,E12 (1.0-1.3)	1	1.3						+									+
B	SOIL	WESTON/ARCS	15-Oct-93	SA674A N12,E12 (1.7-2.0)	1.7	2						+									+
B	SOIL	WESTON/ARCS	15-Oct-93	SA674A N12,E12 (11.0-	11	11.3						+									+
B	SOIL	WESTON/ARCS	15-Oct-93	SA674A N12,E12 (5.6-5.7)	5.6	5.7						+									+
B	SOIL	WESTON/ARCS	15-Oct-93	SA674A N12,E12 (9.0-9.3)	9	9.3						+									+
B	SOIL	WESTON/ARCS	15-Oct-93	SA674A N12,E12 (9.7-9.8)	9.7	9.8						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N13,E85 (0.0-0.6)	0	0.6						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N13,E85 (1.0-1.6)	1	1.6						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N27,E68 (2.8-3.8)	2.8	3.8						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N27,E68 (3.8-4.0)	3.8	4						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N27,E68 (4.6-5.6)	4.6	5.6						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N27,E68 (5.6-6.6)	5.6	6.6						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N37,E103 (0.0-	0	0.2						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N37,E103 (0.4-	0.4	0.5						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N37,E103 (1.0-	1	1.2						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N37,E103 (1.5-	1.5	2.2						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674A N37,E103 (2.8-	2.8	2.9						+									+
B	SOIL	WESTON/ARCS	14-Oct-93	SA674AC-N13,E85(1.0-	1	1.6	+	+	+	+	+										
B	SOIL	WESTON/ARCS	14-Oct-93	SA674AC-N27,E68(5.0-	5	6.6		+	+												
B	SOIL	WESTON/ARCS	14-Oct-93	SA674AC-N27,E68(5.6-	5.6	6.6	+			+	+										
B	SOIL	WESTON/ARCS	14-Oct-93	SA674AC-N37,E103(1.5-	1.5	2.2	+	+	+		+										

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	SOIL	WESTON/TAT	01-Jul-93	DBL-001	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-003	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-004	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-005	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-006	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-008	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-009	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-010	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-011	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-012	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-013	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-014	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-015	0	0.5						+									+
B	SOIL	WESTON/TAT	01-Jul-93	DBL-018	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	DBL007	0	0.5			+		+	+									
B	SOIL	WESTON/TAT	30-Jun-93	DBL017	0	0.5			+		+	+									
B	SOIL	WESTON/TAT	05-Oct-93	SA640 A+160	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA654 A+164	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA654 B+164	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA654 C+164	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA658 C+155	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA666 A+136	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA666 B+136	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA666 C+136	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA674 A+056	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA674 A+112	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA674 B+066	0	0.5						+									+
B	SOIL	WESTON/TAT	30-Jun-93	SA674 B+112	0	0.5						+									+

TABLE 4-5 (cont.)
AREA B: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
B	SOIL	WESTON/TAT	30-Jun-93	SA674 C+112	0	0.5		+				+									+
B	SW	B&RE	11-Aug-94	RM-SW-SD07-01	4	6	+	+	+		+										
B	SW	B&RE	08-Aug-95	RM-SW-SD07-04	3.4	3.4	+	+	+		+										
B	SW	B&RE	11-Aug-94	RM-SW-SD08-01	0	0.2	+	+	+		+										
B	SW	B&RE	08-Nov-94	RM-SW-SD08-02	0	0.2	+	+	+		+										
B	SW	B&RE	11-Aug-94	RM-SW-SD09-01	4	6	+	+	+		+										
B	SW	B&RE	08-Nov-94	RM-SW-SD09-02	0.5	0.5	+	+	+		+										
B	SW	B&RE	25-Apr-95	RM-SW-SD09-03	4	4	+	+	+		+										
B	SW	B&RE	10-Aug-95	RM-SW-SD09-04	1	1	+	+	+		+										
B	SW	B&RE	11-Aug-94	RM-SW-SD10-01	2	2	+	+	+		+										
B	SW	B&RE	08-Aug-95	RM-SW-SD10-04	2	2	+	+	+		+										
B	SW	B&RE	11-Aug-94	RM-SW-SD11-01	2	4	+	+	+		+										
B	SW	B&RE	19-Apr-95	RM-SW-SD19-03	2	2	+	+	+		+										
B	SW	B&RE	08-Aug-95	RM-SW-SD19-04	2	2	+	+	+		+										
B	SW	B&RE	19-Apr-95	RM-SW-SD20-03	0.5	0.5	+	+	+		+										
B	SW	B&RE	08-Aug-95	RM-SW-SD20-04	0.5	0.5	+	+	+		+										
B	SW	B&RE	10-Aug-95	RM-SW-SD25-04	5	5	+	+	+		+										
B	SW	B&RE	10-Aug-95	RM-SW-SD28-04	1.5	1.5	+	+	+		+										
B	SW	B&RE	10-Aug-95	RM-SW-SD29-04	1.5	1.5	+	+	+		+										
B	SW	B&RE	10-Aug-95	RM-SW-SD30-04	1	1	+	+	+		+										
B	SW	B&RE	15-Aug-95	RM-SW-SD31-04	4.5	4.5	+	+	+		+										
B	SW	B&RE	15-Aug-95	RM-SW-SD32-04	5.5	5.5	+	+	+		+										
B	SW	B&RE	15-Aug-95	RM-SW-SD33-04	1.5	1.5	+	+	+		+										
B	SW	B&RE	15-Aug-95	RM-SW-SD34-04	2	2	+	+	+		+										
B	SW	B&RE	15-Aug-95	RM-SW-SD35-04	1.5	1.5	+	+	+		+										
B	SW	B&RE	16-Aug-95	RM-SW-SD36-04	4	4	+	+	+		+										
B	SW	B&RE	15-Aug-95	RM-SW-SD37-04	8	8	+	+	+		+										

TABLE 4-6
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
SURFACE SEDIMENT													
Asbestos (%)	26	36	4	6	0.99	40	DBL-023, OU3-B2-SD08-0002		0		0		0
Simultaneously Extracted Metal/Acid Volatile Sulfide (µmo/g)													
Acid Volatile Sulfide	19	19	45	45	3.2 J	116.6	SD07-SEDIMENT		0		0		0
Cadmium	19	19	0.022	0.022	0.0031119	0.12969 J	RM-SD-SD31-04		0		0		0
Copper	19	19	3.1	3.1	0.0754623	6.91391 J	RM-SD-SD31-04		0		0		0
Lead	19	19	2.2	2.2	0.1385202	26.70446 J	RM-SD-SD28-04		0		0		0
Mercury	1	15	0.000012	0.00002	0.00002	0.00002	RM-SD-SD38-04		0		0		0
Nickel	19	19	0.33	0.33	0.112 J	1.12571 J	RM-SD-SD28-04		0		0		0
SEM-AVS	2	2	1.2	1.2	0.10057 J	2.21983	RM-SD-SD19-04		0		0		0
SEM/AVS (ratio)	19	19	0.48	0.48	0.0613481	1.77	RM-SD-SD28-04		0		0		0
Simultaneously Extracted Metal	19	19	11	11	1.63915	48.19493	RM-SD-SD28-04		0		0		0
Zinc	19	19	4.8	4.8	1.04258 J	16.2035	RM-SD-SD31-04		0		0		0
Cadmium (mg/kg)	4	4	1.7	1.7	0.3497758	2.6282051	SD07-SEDIMENT	0.30625	4		0	34	0
Copper (mg/kg)	4	4	18	18	4.7948718	30.717489	SD37-SEDIMENT	160.75	0		0	2500	0
Lead (mg/kg)	4	4	180	180	28.699552	307.69231	SD07-SEDIMENT	71.825	3		0	500	0
Nickel (mg/kg)	4	4	18	18	7.0807175	27	SD08-SEDIMENT	20.45	2		0	1400	0
Zinc (mg/kg)	4	4	300	300	107.62332	485.91549	SD28-SEDIMENT	134.275	3		0	20000	0
Dioxin/Furan (µg/kg)													
1,2,3,4,6,7,8-HpCDD	45	46	0.5	0.51	0.00088 J	6.27934 J	RM-SD-DB05-03	0.11011	27		0		0
1,2,3,4,6,7,8-HpCDF	44	46	0.19	0.2	0.00287 J	1.31179 J	RM-SD-DB01-03	0.043245	29		0		0
1,2,3,4,7,8,9-HpCDF	8	46	0.0094	0.013	0.00224	0.0299	SD07-SEDIMENT	0.00405375	7		0		0
1,2,3,4,7,8-HxCDD	9	46	0.0076	0.0068	0.0005 J	0.0249	SD07-SEDIMENT	0.002915	8		0		0
1,2,3,4,7,8-HxCDF	36	46	0.043	0.053	0.00106 J	0.53648 J	RM-SD-DB01-03	0.0024325	31		0		0
1,2,3,6,7,8-HxCDD	13	46	0.011	0.02	0.00144	0.0705	SD07-SEDIMENT	0.00585625	10		0		0
1,2,3,6,7,8-HxCDF	27	46	0.014	0.019	0.00049 J	0.13794 J	RM-SD-DB01-03	0.0018375	23		0		0
1,2,3,7,8,9-HxCDD	11	46	0.011	0.016	0.00138	0.061	SD07-SEDIMENT	0.003746	9		0		0
1,2,3,7,8,9-HxCDF	31	46	0.023	0.031	0.00118 J	0.29296 J	RM-SD-DB01-03	0.00289875	27		0		0
1,2,3,7,8-PeCDD	4	46	0.0045	0.0055	0.00088	0.0116	SD28-SEDIMENT	0.0013225	3		0		0
1,2,3,7,8-PeCDF	10	46	0.088	0.38	0.00087 J	3.2535	RM-SD-DB10-03	0.0018125	9		0		0
13C-2,3,4,6,7,8-HXCDF	4	4	0.038	0.038	0.00942	0.073	SD07-SEDIMENT		0		0		0
13C-2,3,4,7,8-PECDF	4	4	0.032	0.032	0.00622	0.0592	SD07-SEDIMENT		0		0		0
13C-2,3,7,8-TCDD	4	4	0.0016	0.0016	0.00154	0.00176	SD07-SEDIMENT		0		0		0
13C-2,3,7,8-TCDF	3	4	0.025	0.031	0.00867	0.0473	SD07-SEDIMENT		0		0		0
2,3,4,6,7,8-HxCDF	7	42	0.0056	0.0038	0.00053 J	0.0182	OU3-B2-SD08-0002	0.00224875	3		0		0
2,3,4,7,8-PeCDF	30	42	0.027	0.036	0.00041 J	0.35297 J	RM-SD-DB01-03	0.00173375	26		0		0
2,3,7,8-TCDD	2	42	0.0017	0.002	0.00071	0.00319	OU3-B2-SD08-0002	0.0003725	2		0		0
2,3,7,8-TCDF	36	42	0.032	0.037	0.00077 J	0.31793 J	RM-SD-DB01-03	0.00418625	29		0		0
Dibenzofuran	4	4	0.58	0.58	0.1	1	SD28-SEDIMENT	615	0	5600	0	270000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
OCDD	42	46	2.9	3.1	0.10789 J	10.87169 J	RM-SD-DB01-03	1.6016375	26		0		0
OCDF	41	46	0.4	0.45	0.00588 J	3.05648 J	RM-SD-SD33-04	0.116875	26		0		0
Total Chlorodibenzo-p-dioxins	4	4	1.8	1.8	0.4649	3.3726	SD07-SEDIMENT		0		0		0
Total Chlorodibenzo-p-furans	4	4	1.4	1.4	0.3035	2.617	SD07-SEDIMENT		0		0		0
Total Dioxins	4	4	8.6	8.6	4.85715	13.24883	SD07-SEDIMENT		0		0		0
Total HpCDD	46	46	1.3	1.3	0.01278 J	13.24973 J	RM-SD-DB06-03	0.2595375	27		0		0
Total HpCDF	44	46	0.57	0.59	0.00714 J	2.9384 J	RM-SD-DB05-03	0.23091	26		0		0
Total HxCDD	22	46	0.043	0.079	0.00416 J	0.453	SD07-SEDIMENT	0.0254	11		0		0
Total HxCDF	44	46	0.54	0.57	0.00313 J	2.93336	RM-SD-DB10-03	0.2633475	22		0		0
Total PeCDD	10	46	0.046	0.2	0.00082 J	1.77 *	SD-04	0.0013225	8		0		0
Total PeCDF	45	46	0.54	0.55	0.00517 J	5.42313	RM-SD-DB10-03	0.4017375	18		0		0
Total TCDD	26	46	0.28	0.0083	0.00041 J	0.0251 J	RM-SD-SD09-04	0.00277125	23		0		0
Total TCDF	44	46	0.34	0.36	0.00638 J	3.89387	RM-SD-DB10-03	0.25400625	17		0		0
Toxicity Equivalency	46	46	0.044	0.044	0.0006311	0.3484469	RM-SD-DB01-03	0.00451775	39		0		0
Metals (mg/kg)													
Aluminum	62	62	12700	12700	3060	22500	HR28	11485	38		0		0
Antimony	7	59	4.5	8.6	3.3 J	18.9 J	RM-SD-DB01-03	2.425	7		0	27	0
Arsenic	58	62	7.5	7.9	2.9 J	18.6	RM-SD-DB03-03	7.4125	27		0	10	13
Barium	62	62	278	278	13.3	2900	RM-SD-DB03-03	32.4375	57		0	4700	0
Beryllium	32	60	0.55	0.7	0.23 J	2.1 J	HR28	0.45375	24		0	2	1
Cadmium	33	62	2.8	4.5	0.51 B	13.3	OU3-B2-SD05-0002	0.30625	33		0	34	0
Calcium	60	62	4400	5180	1670	15900	OU3-B2-SD08-0002	2031.5	48		0		0
Chromium	58	62	159	167	13.4	799	RM-SD-DB03-03	60.75	46		0	100	36
Cobalt	62	62	10.4	10.4	2.8	19.9	HR28	8.675	42		0	1000	0
Copper	59	67	472	520	26.6 J	2360	RM-SD-SD28-04	160.75	54		0	2500	0
Iron	62	62	26300	26300	7230	46200	RM-SD-DB03-03	22060	41		0		0
Lead	89	90	419	423	11.1 J	4490 J	RM-SD-DB03-03	71.825	79		0	500	14
Magnesium	62	62	8270	8270	2030	20900	RM-SD-SD28-04	6247.5	44		0		0
Manganese	62	62	325	325	77.6	1080	HR28	206.125	47		0	1600	0
Mercury	37	61	0.52	0.76	0.21	2.7	HR25, RM-SD-SD28-04	0.6225	15		0	20	0
Nickel	62	62	45.5	45.5	7.1	177 J	OU3-B2-SD05-0002	20.45	49		0	1400	0
Potassium	51	62	3100	3510	734	6290	HR28	2820	39		0		0
Selenium	8	60	1.3	2.2	0.92 J	3.7 J	DBL027	0.94125	7		0	340	0
Silver	23	59	1.6	2.8	0.6 B	6.4 J	HR25, HR27	0.53	23		0	340	0
Sodium	60	62	9320	9620	726	25600 J	OU3-B2-SD11-0002	8315	31		0		0
Thallium	1	60	1.4	0.96	0.96	0.96	SD-04	1.075	0		0	5.4	0
Vanadium	56	62	43	45	9.7	140	RM-SD-DB03-03	36.05	36		0	470	0
Zinc	61	62	376	377	47.6	1650	OU3-B2-SD05-0002	134.275	49		0	20000	0
SPLP Metals (ug/l)													
Aluminum	1	1	12000	12000	12000	12000	OU3-B2-SB08-0002		0		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Antimony	1	1	7.8	7.8	7.8	7.8	OU3-B2-SB08-0002		0	60	0		0
Arsenic	1	1	26.1	26.1	26.1	26.1	OU3-B2-SB08-0002		0	500	0		0
Barium	1	1	186	186	186 J	186 J	OU3-B2-SB08-0002		0	10000	0		0
Beryllium	1	1	1.3	1.3	1.3	1.3	OU3-B2-SB08-0002		0	40	0		0
Cadmium	1	1	2	2	2	2	OU3-B2-SB08-0002		0	50	0		0
Calcium	1	1	18500	18500	18500 J	18500 J	OU3-B2-SB08-0002		0		0		0
Chromium	1	1	51.8	51.8	51.8 J	51.8 J	OU3-B2-SB08-0002		0	500	0		0
Cobalt	1	1	6.4	6.4	6.4	6.4	OU3-B2-SB08-0002		0		0		0
Copper	1	1	773	773	773 J	773 J	OU3-B2-SB08-0002		0	13000	0		0
Iron	1	1	29800	29800	29800 J	29800 J	OU3-B2-SB08-0002		0		0		0
Lead	1	1	1420	1420	1420 J	1420 J	OU3-B2-SB08-0002		0	150	1		0
Magnesium	1	1	21700	21700	21700	21700	OU3-B2-SB08-0002		0		0		0
Manganese	1	1	367	367	367 J	367 J	OU3-B2-SB08-0002		0		0		0
Mercury	0	1	0.1	0	0	0	None		0	20	0		0
Nickel	1	1	102	102	102 J	102 J	OU3-B2-SB08-0002		0	1000	0		0
Potassium	1	1	18000	18000	18000 J	18000 J	OU3-B2-SB08-0002		0		0		0
Selenium	0	1	2.5	0	0	0	None		0	500	0		0
Silver	0	1	1	0	0	0	None		0	360	0		0
Sodium	1	1	138000	138000	138000	138000	OU3-B2-SB08-0002		0		0		0
Thallium	0	1	3	0	0	0	None		0	50	0		0
Vanadium	1	1	125	125	125	125	OU3-B2-SB08-0002		0	500	0		0
Zinc	1	1	274	274	274	274	OU3-B2-SB08-0002		0	50000	0		0
Semivolatile Organic Compounds (ug/kg)													
1,2,4-Trichlorobenzene	0	42	1100	0	0	0	None	615	0	14000	0	680000	0
1,2-Dichlorobenzene	0	42	1100	0	0	0	None	615	0	3100	0	500000	0
1,3-Dichlorobenzene	0	42	1100	0	0	0	None	615	0		0		0
1,4-Dichlorobenzene	0	42	1100	0	0	0	None	615	0	15000	0	28000	0
2,2'-oxybis(1-Chloropropane)	0	42	1100	0	0	0	None	615	0		0		0
2,4,5-Trichlorophenol	0	42	1100	0	0	0	None	1500	0		0		0
2,4,6-Trichlorophenol	0	42	2700	0	0	0	None	615	0		0		0
2,4-Dichlorophenol	0	42	1100	0	0	0	None	615	0		0		0
2,4-Dimethylphenol	4	42	1000	100	33 J	170 J	RM-SD-DB01-03	615	0	28000	0	1000000	0
2,4-Dinitrophenol	0	42	2700	0	0	0	None	1500	0		0		0
2,4-Dinitrotoluene	0	42	1100	0	0	0	None	615	0		0		0
2,6-Dinitrotoluene	0	42	1100	0	0	0	None	615	0		0		0
2-Chloronaphthalene	0	42	1100	0	0	0	None	615	0		0		0
2-Chlorophenol	0	42	1100	0	0	0	None	615	0		0		0
2-Methylnaphthalene	7	44	1000	200	36 J	850	RM-SD-DB10-03	615	1	58000	0	1000000	0
2-Methylphenol	0	42	1100	0	0	0	None	615	0	70000	0	1000000	0
2-Nitroaniline	0	42	2700	0	0	0	None	1500	0		0		0

U - Not Detected; UJ - Detection Limit Aproximate, J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
2-Nitrophenol	0	42	1100	0	0	0	None	615	0		0		0
3,3'-Dichlorobenzidine	0	42	1100	0	0	0	None	615	0	18	0	1400	0
3-Nitroaniline	0	42	2700	0	0	0	None	1500	0		0		0
4,6-Dinitro-2-methylphenol	0	42	2700	0	0	0	None	1500	0		0		0
4-Bromophenyl-phenylether	0	42	1100	0	0	0	None	615	0	82000	0	500000	0
4-Chloro-3-methylphenol	0	42	1100	0	0	0	None	615	0	0	0	0	0
4-Chloroaniline	0	42	1100	0	0	0	None	615	0	5600	0	270000	0
4-Chlorophenyl-phenylether	0	42	1100	0	0	0	None	615	0		0		0
4-Methylphenol	7	43	1000	210	34 J	860	RM-SD-DB10-03	615	1	7000	0	340000	0
4-Nitroaniline	0	42	2700	0	0	0	None	1500	0	4200	0	200000	0
4-Nitrophenol	0	42	2700	0	0	0	None	1500	0	11000	0	540000	0
Acenaphthene	15	46	930	170	40 J	380 J	RM-SD-DB05-03	615	0	84000	0	1000000	0
Acenaphthylene	30	49	1100	610	42 J	4100	RM-SD-DB05-03	615	11	84000	0	1000000	0
Anthracene	31	51	1000	580	54 J	3700	RM-SD-DB05-03	577.5	12	400000	0	1000000	0
Benzo(a)anthracene	47	52	1800	1900	75 J	10000	RM-SD-DB05-03	2015	17	1000	31	1000	31
Benzo(a)pyrene	43	52	1800	1800	54 J	6800	RM-SD-SD10-01	1702.5	17	1000	25	1000	25
Benzo(b)fluoranthene	50	52	3200	3300	90 J	14000	RM-SD-SD10-01	3291.25	22	1000	41	1000	41
Benzo(g,h,i)perylene	34	51	1100	970	23 J	4200	RM-SD-SD10-01	927.5	15	40000	0	1000000	0
Benzo(k)fluoranthene	28	50	1600	1500	100 J	5700 J	RM-SD-DB05-03	615	20	1000	15	8400	0
Bis(2-Chloroethoxy)methane	0	42	1100	0	0	0	None	615	0		0		0
Bis(2-Chloroethyl)ether	0	42	1100	0	0	0	None	615	0		0		0
bis(2-Ethylhexyl)phthalate	45	52	8500	9800	35 J	160000	RM-SD-SD31-04	617.5	32	11000	10	44000	1
Butylbenzylphthalate	11	45	1100	530	50 J	1700	SD07-SEDIMENT	615	3	200000	0	1000000	0
Carbazole	27	49	880	270	30 J	1300	RM-SD-DB05-03	527.5	2	360	4	31000	0
Chrysene	50	52	2300	2400	110 J	10000	RM-SD-DB05-03	1937.5	23	980	39	84000	0
Di-n-Butylphthalate	7	45	1100	740	85 J	2000 J	RM-SD-SD25-04	615	2	140000	0	1000000	0
Di-n-octylphthalate	14	46	1400	1600	87 J	7300	RM-SD-SD07-01	615	9	20000	0	1000000	0
Dibenzo(a,h)anthracene	27	47	990	460	51 J	1900 J	RM-SD-SD10-01	752.5	4	0.98	27	84	25
Dibenzofuran	12	42	1000	170	37 J	640 J	RM-SD-DB05-03	615	1	5600	0	270000	0
Diethylphthalate	2	42	1100	440	21 J	860	RM-SD-DB10-03	615	1	1100000	0	1000000	0
Dimethylphthalate	0	42	1100	0	0	0	None	615	0	14000000	0	1000000	0
Fluoranthene	51	52	4400	4500	73 J	23000	RM-SD-DB05-03	3770.75	23	56000	0	1000000	0
Fluorene	22	48	910	310	74 J	1900	RM-SD-DB05-03	615	3	56000	0	1000000	0
Hexachlorobenzene	0	38	1200	0	0	0	None	615	0	1000	0	1000	0
Hexachlorobutadiene	0	42	1100	0	0	0	None	615	0		0		0
Hexachlorocyclopentadiene	0	41	1100	0	0	0	None	615	0		0		0
Hexachloroethane	0	42	1100	0	0	0	None	615	0		0		0
Indeno(1,2,3-cd)pyrene	45	52	1200	1100	37 J	5600	RM-SD-SD10-01	1552.5	10	9.8	45	840	23
Isophorone	0	42	1100	0	0	0	None	615	0		0		0
N-Nitroso-di-n-propylamine	0	42	1100	0	0	0	None	615	0	1	0	88	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
N-Nitroso-diphenylamine	5	46	1000	220	65 J	380 J	OU3-B2-SD10-0002	615	0	1400	0	130000	0
Naphthalene	9	45	990	110	26 J	230 J	RM-SD-DB05-03	615	0	56000	0	1000000	0
Nitrobenzene	0	42	1100	0	0	0	None	615	0		0		0
Pentachlorophenol	1	42	2700	150	150 J	150 J	RM-SD-DB05-03	1500	0	1000	0	5100	0
Phenanthrene	40	52	2000	1900	88 J	15000	RM-SD-DB05-03	1900	13	40000	0	1000000	0
Phenol	8	43	1000	250	110 J	440 J	OU3-B2-SD05-0002	615	0	800000	0	1000000	0
Pyrene	51	52	3500	3500	80 J	18000	RM-SD-SD10-01	2485.5	27	40000	0	1000000	0
Total PAH	51	52	22000	22000	153	106770	RM-SD-DB05-03		0		0		0
Volatile Organic Compounds (µg/kg)													
1,1,1-Trichloroethane	0	39	14	0	0	0	None	9.875	0	40000	0	500000	0
1,1,2,2-Tetrachloroethane	0	39	14	0	0	0	None	9.875	0	100	0	3100	0
1,1,2-Trichloroethane	0	39	14	0	0	0	None	9.875	0	1000	0	11000	0
1,1-Dichloroethane	6	42	13	6	4 J	11 J	RM-SD-SD10-01	9.875	1	14000	0	500000	0
1,1-Dichloroethene	0	39	14	0	0	0	None	9.875	0	1400	0	1000	0
1,2-Dichloroethane	0	39	14	0	0	0	None	9.875	0	200	0	6700	0
1,2-Dichloroethene (total)	2	40	14	10	4 J	16 J	RM-SD-SD10-01		0	14000	0	500000	0
1,2-Dichloropropane	0	39	14	0	0	0	None	9.875	0		0		0
2-Butanone	11	43	83	290	13	1300 J	OU3-B2-SD07-0002, RM-SD-DB04-03	9.875	11	80000	0	500000	0
2-Hexanone	0	39	14	0	0	0	None	9.875	0	56000	0	500000	0
4-Methyl-2-Pentanone	0	39	14	0	0	0	None	9.875	0	14000	0	500000	0
Acetone	11	43	200	680	13	4100 J	OU3-B2-SD07-0002	30.25	9	140000	0	500000	0
Benzene	1	39	14	3	3 J	3 J	SD-05	9.875	0	200	0	21000	0
Bromodichloromethane	0	39	14	0	0	0	None	9.875	0	110	0	9900	0
Bromoform	0	36	11	0	0	0	None	9.875	0	800	0	78000	0
Bromomethane	0	39	14	0	0	0	None	9.875	0		0		0
Carbon Disulfide	19	42	30	48	5 J	290 J	RM-SD-SD8D-03	13.625	14	140000	0	500000	0
Carbon Tetrachloride	0	39	14	0	0	0	None	9.875	0		0		0
Chlorobenzene	2	40	14	4	4 J	5 J	RM-SD-SD10-01	9.875	0	20000	0	500000	0
Chloroethane	0	39	14	0	0	0	None	9.875	0	2400	0	210000	0
Chloroform	0	39	14	0	0	0	None	9.875	0	1200	0	100000	0
Chloromethane	1	40	14	5	5 J	5 J	RM-SD-SD10-01	9.875	0	540	0	47000	0
cis-1,3-Dichloropropene	0	39	14	0	0	0	None	9.875	0		0		0
Dibromochloromethane	0	39	14	0	0	0	None	9.875	0		0		0
Ethylbenzene	0	39	14	0	0	0	None	9.875	0	10100	0	500000	0
Methylene Chloride	0	44	17	0	0	0	None	9.875	0	1000	0	82000	0
Styrene	1	40	14	10	10 J	10 J	RM-SD-DB04-03	9.875	1	20000	0	500000	0
Tetrachloroethene	0	39	14	0	0	0	None	9.875	0	1000	0	12000	0
Toluene	1	41	15	28	28 J	28 J	RM-SD-DB04-03	9.375	1	67000	0	500000	0
Total Xylenes	1	40	14	8	8 J	8 J	RM-SD-SD10-01	9.875	0	19500	0	500000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
trans-1,3-Dichloropropene	0	39	14	0	0	0	None	9.875	0		0		0
Trichloroethene	0	39	14	0	0	0	None	9.875	0	1000	0	56000	0
Vinyl Chloride	0	39	14	0	0	0	None	9.875	0	400	0	320	0
Pesticides/PCBs µg/kg)													
4,4'-DDD	32	57	7.6	9.8	0.48 J	38	RM-SD-DB04-03	2.3075	28	29	3	2600	0
4,4'-DDE	43	58	5	4.7	0.12 J	12	OU3-B2-SD03-0002	1.036	34	21	0	1800	0
4,4'-DDT	25	56	8.3	12	0.27 J	68	OU3-B2-SD07-0002	1.98	17	21	5	1800	0
Aldrin	31	57	2.3	1.6	0.05 J	8.3	OU3-B2-SD07-0002	0.945	16	0.41	22	36	0
alpha-BHC	18	58	1.9	0.83	0.14 J	2.7	RM-SD-SD10-04	1.4	4	1.1	5	97	0
alpha-Chlordane	37	57	4.9	5.9	0.05 J	23	RM-SD-SD09-02	0.29425	34	66	0	490	0
Aroclor, Total	53	59	1100	1200	33	15100	SD-04	37.75	51		0		0
Aroclor, Total (Conservative)	53	59	1400	1500	69	16860	SD-04		0		0		0
Aroclor-1016	0	57	38	0	0	0	None	16.875	0		0	1000	0
Aroclor-1221	0	57	71	0	0	0	None	34.125	0		0		0
Aroclor-1232	0	57	38	0	0	0	None	16.875	0		0		0
Aroclor-1242	1	58	49	700	700 J	700 J	RM-SD-SD11-01	16.875	1		0	1000	0
Aroclor-1248	1	57	73	2300	2300	2300	SD-04	16.875	1		0	1000	1
Aroclor-1254	3	57	140	1900	70	4900	RM-SD-DB05-03	16.875	3		0	1000	1
Aroclor-1260	1	57	96	2400	2400	2400	SD-04	16.875	1		0	1000	1
Aroclor-1262	33	57	400	680	28 J	3700 J	SD-04	16.875	33		0	1000	6
Aroclor-1268	47	59	540	670	33 J	6700 J	SD-04	16.875	47		0	1000	8
beta-BHC	7	52	2.2	1.2	0.18 J	3.8	RM-SD-SD07-04	0.8625	2	3.8	0	340	0
delta-BHC	5	57	2	1.1	0.69 J	1.8	OU3-B2-SD06-0002	0.8625	3	1.1	2	97	0
Dieldrin	38	58	5.4	4.4	0.11 J	21	OU3-B2-SD06-0002	1.6875	24	7	10	38	0
Endosulfan I	4	56	2.7	9.5	0.66 JP	18	RM-SD-SD07-04	0.8625	3	8400	0	410000	0
Endosulfan II	8	51	5.1	8.7	1.6 JP	25	RM-SD-SD28-04	0.98	8	8400	0	410000	0
Endosulfan Sulfate	7	55	3.2	5	0.24 J	12	RM-SD-SD09-02	1.6875	5	8400	0	410000	0
Endrin	14	57	4.8	6	0.35 J	25	OU3-B2-SD07-0002	1.1825	9	0	14	20000	0
Endrin Aldehyde	18	55	7.6	10	0.39 J	35	RM-SD-SD09-02	1.1325	16	0	18	20000	0
Endrin Ketone	6	57	4	2.4	0.33 J	6.9	OU3-B2-SB08-0002	1.6875	4	0	6	20000	0
gamma-BHC	18	57	2.1	0.98	0.06 J	6.7	RM-SD-SD09-02	0.79	4	40	0	20000	0
gamma-Chlordane	44	55	5.1	5.5	0.12 J	23 J	SD-05	2.0375	30	66	0	490	0
Heptachlor	8	56	2	0.76	0.07 J	2.3 J	RM-SD-SD07-01	0.7075	3	13	0	140	0
Heptachlor Epoxide	22	54	1.9	0.91	0.05 J	4.5	OU3-B2-SD07-0002	1.1125	5	20	0	67	0
Hexachlorobenzene	0	4	360	0	0	0	None	615	0	1000	0	1000	0
Methoxychlor	3	57	23	62	1.5 J	160 J	RM-SD-SD11-01	6.825	2	8000	0	340000	0
Toxaphene	0	57	210	0	0	0	None	86.25	0	800	0	560	0
Total Organic Carbon mg/kg)	12	12	64000	64000	4410	262000	OU3-B2-SD05-0002		0		0		0
SUBSURFACE SEDIMENT													
Asbestos (%)	24	44	5	10	1	40	OU3-B2-SD08-0204		0		0		0

U - Not Detected; UJ - Detection Limit Aproximate, J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Dioxin/Furan (µg/kg)													
1,2,3,4,6,7,8-HpCDD	5	5	0.16	0.16	0.043	0.242	OU3-B2-SB09-0204	0.11011	3		0		0
1,2,3,4,6,7,8-HpCDF	5	5	0.48	0.48	0.0135 J	1.449	OU3-B2-SD08-0406	0.043245	4		0		0
1,2,3,4,7,8,9-HpCDF	5	5	0.0075	0.0075	0.000844	0.0165	OU3-B2-SD08-0406	0.00405375	3		0		0
1,2,3,4,7,8-HxCDD	5	5	0.0022	0.0022	0.000654	0.00451	OU3-B2-SB06-0204	0.002915	1		0		0
1,2,3,4,7,8-HxCDF	5	5	0.062	0.062	0.00277	0.138	OU3-B2-SB09-0204	0.0024325	5		0		0
1,2,3,6,7,8-HxCDD	5	5	0.01	0.01	0.00241	0.0188	OU3-B2-SB06-0204	0.00585625	3		0		0
1,2,3,6,7,8-HxCDF	5	5	0.022	0.022	0.00118	0.0503	OU3-B2-SB09-0204	0.0018375	4		0		0
1,2,3,7,8,9-HxCDD	5	5	0.0078	0.0078	0.00197	0.0154	OU3-B2-SB06-0204	0.003745	3		0		0
1,2,3,7,8,9-HxCDF	0	5	0.00068	0	0	0	None	0.00289875	0		0		0
1,2,3,7,8-PeCDD	4	5	0.0021	0.0024	0.000627 EMPC	0.00595 EMPC	OU3-B2-SB06-0204	0.0013225	2		0		0
1,2,3,7,8-PeCDF	4	5	0.021	0.026	0.00749	0.0687	OU3-B2-SB09-0204	0.0018125	4		0		0
2,3,4,6,7,8-HxCDF	5	5	0.045	0.045	0.00248 J	0.085	OU3-B2-SB09-0204	0.00224875	5		0		0
2,3,4,7,8-PeCDF	5	5	0.041	0.041	0.00143 EMPC	0.13	OU3-B2-SB09-0204	0.00173375	4		0		0
2,3,7,8-TCDD	2	5	0.00027	0.00055	0.000275 EMPC	0.00083	OU3-B2-SD08-0406	0.0003725	1		0		0
2,3,7,8-TCDF	4	5	0.025	0.031	0.0127	0.078	OU3-B2-SB09-0204	0.00418625	4		0		0
OCDD	5	5	1.6	1.6	0.407	2.822	OU3-B2-SD08-0406	1.6016375	3		0		0
OCDF	5	5	1.7	1.7	0.0299 J	6.408	OU3-B2-SD08-0406	0.115875	4		0		0
Total HpCDD	5	5	0.35	0.35	0.0954 J	0.523	OU3-B2-SD08-0406	0.2595375	3		0		0
Total HpCDF	5	5	1.3	1.3	0.0283 J	4.768	OU3-B2-SD08-0406	0.23091	3		0		0
Total HxCDD	5	5	0.067	0.067	0.0135 J	0.141	OU3-B2-SB06-0204	0.0254	3		0		0
Total HxCDF	5	5	0.42	0.42	0.0231 J	0.773	OU3-B2-SD08-0406	0.2633475	3		0		0
Total PeCDD	2	5	0.0022	0.0051	0.000843	0.00942	OU3-B2-SD08-0406	0.0013225	1		0		0
Total PeCDF	5	5	0.23	0.23	0.0223 J	0.512	OU3-B2-SB06-0204	0.4017375	1		0		0
Total TCDD	2	5	0.00026	0.00053	0.000225	0.00083	OU3-B2-SD08-0406	0.00277125	0		0		0
Total TCDF	4	5	0.057	0.071	0.0213	0.167	OU3-B2-SB09-0204	0.25400625	0		0		0
Toxicity Equivalency	5	5	0.048	0.048	0.0032542	0.1138615	OU3-B2-SB09-0204	0.00451775	4		0		0
Metals (mg/kg)													
Aluminum	19	19	14600	14600	5050	22500	OU3-B2-SD04-0204	11485	16		0		0
Antimony	6	12	5	8.8	4.8 J	12.8	OU3-B2-SD04-0204	2.425	6		0	27	0
Arsenic	18	19	7.8	8.2	2.6	20.1	OU3-B2-SD04-0204	7.4125	7		0	10	6
Barium	19	19	661	661	14.8	2780 J	OU3-B2-SD01-0204	32.4375	15		0	4700	0
Beryllium	17	19	0.69	0.75	0.31	1.4	OU3-B2-SD04-0204	0.45375	15		0	2	0
Cadmium	13	19	7.1	10.2	0.22	55.5	OU3-B2-SD01-0204	0.30625	12		0	34	1
Calcium	19	19	4500	4500	1830 J	7520	OU3-B2-SD04-0204	2031.5	17		0		0
Chromium	19	19	220	220	12.4 J	793	OU3-B2-SD04-0204	80.75	8		0	100	8
Cobalt	19	19	11.3	11.3	3.9 J	19.9 J	OU3-B2-SD02-0204	8.675	14		0	1000	0
Copper	28	52	561	913	12.1 J	3450	OU3-B2-SD01-0204	160.75	19		0	2500	3
Iron	19	19	29300	29300	9990	53700	OU3-B2-SD02-0204	22060	14		0		0
Lead	30	52	445	735	6.7 J	4030	OU3-B2-SD01-0204	71.825	21		0	500	15

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Magnesium	19	19	9770	9770	2770	19000	OU3-B2-SD01-0204	6247.5	18		0		0
Manganese	19	19	338	338	126	594	OU3-B2-SD10-0204	206.125	18		0	1600	0
Mercury	8	19	0.35	0.69	0.21 J	1.2	OU3-B2-SB09-0204	0.6225	5		0	20	0
Nickel	19	19	71.4	71.4	7.5	381	OU3-B2-SD01-0204	20.45	11		0	1400	0
Potassium	19	19	3240	3240	807 J	4950 J	OU3-B2-SD02-0204	2820	15		0		0
Selenium	4	19	1.1	2.3	0.7 J	4 J	OU3-B2-SD02-0204	0.94125	3		0	340	0
Silver	11	19	1.3	2	0.39	5	OU3-B2-SD04-0204	0.53	10		0	340	0
Sodium	19	19	8410	8410	884	29000 J	OU3-B2-SD11-0204	8315	8		0		0
Thallium	1	19	0.98	2.2	2.2	2.2	OU3-B2-SB03-0608	1.075	1		0	5.4	0
Vanadium	19	19	39.6	39.6	11.5	90.2 J	OU3-B2-SD02-0204	36.05	9		0	470	0
Zinc	19	19	638	638	34.4 J	3670	OU3-B2-SD01-0204	134.275	9		0	20000	0
SPLP Metals (µg/l)													
Aluminum	2	2	40400	40400	38900 J	41900 J	OU3-B2-SB09-0204		0		0		0
Antimony	2	2	44.7	44.7	38.1	51.4	OU3-B2-SB05-0608		0	60	0		0
Arsenic	2	2	84	84	56	112	OU3-B2-SB09-0204		0	500	0		0
Barium	2	2	2920	2920	2060 J	3770 J	OU3-B2-SB05-0608		0	10000	0		0
Beryllium	2	2	5.7	5.7	5.6	5.8	OU3-B2-SB09-0204		0	40	0		0
Cadmium	2	2	135	135	121	149	OU3-B2-SB05-0608		0	50	2		0
Calcium	2	2	79000	79000	37000 J	121000 J	OU3-B2-SB09-0204		0		0		0
Chromium	2	2	2920	2920	2560 J	3270 J	OU3-B2-SB05-0608		0	500	2		0
Cobalt	2	2	48.1	48.1	23.8	72.5 J	OU3-B2-SB09-0204		0		0		0
Copper	2	2	11200	11200	7870 J	14600 J	OU3-B2-SB09-0204		0	13000	1		0
Iron	2	2	90000	90000	68100 J	112000 J	OU3-B2-SB09-0204		0		0		0
Lead	2	2	12300	12300	10600 J	14100 J	OU3-B2-SB09-0204		0	150	2		0
Magnesium	2	2	30300	30300	29000	31600	OU3-B2-SB05-0608		0		0		0
Manganese	2	2	1450	1450	722 J	2170 J	OU3-B2-SB09-0204		0		0		0
Mercury	2	2	0.57	0.57	0.25 J	0.9	OU3-B2-SB09-0204		0	20	0		0
Nickel	2	2	544	544	457 J	630 J	OU3-B2-SB09-0204		0	1000	0		0
Potassium	2	2	20200	20200	18700 J	21700 J	OU3-B2-SB05-0608		0		0		0
Selenium	0	2	2.5	0	0	0	None		0	500	0		0
Silver	0	2	1	0	0	0	None		0	360	0		0
Sodium	2	2	143000	143000	99100	187000 *	OU3-B2-SB05-0608		0		0		0
Thallium	2	2	8.9	8.9	8.4	9.3	OU3-B2-SB09-0204		0	50	0		0
Vanadium	2	2	247	247	224	270	OU3-B2-SB09-0204		0	500	0		0
Zinc	2	2	8120	8120	5930	10300	OU3-B2-SB09-0204		0	50000	0		0
Semivolatile Organic Compounds (µg/kg)													
1,2,4-Trichlorobenzene	0	10	470	0	0	0	None	615	0	14000	0	680000	0
1,2-Dichlorobenzene	0	10	470	0	0	0	None	615	0	3100	0	500000	0
1,3-Dichlorobenzene	0	10	470	0	0	0	None	615	0		0		0
1,4-Dichlorobenzene	0	10	470	0	0	0	None	615	0	15000	0	26000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
2,2'-oxybis(1-Chloropropane)	0	10	470	0	0	0	None	615	0		0		0
2,4,5-Trichlorophenol	0	10	1200	0	0	0	None	1500	0		0		0
2,4,6-Trichlorophenol	0	10	470	0	0	0	None	615	0		0		0
2,4-Dichlorophenol	0	10	470	0	0	0	None	615	0		0		0
2,4-Dimethylphenol	1	10	850	4100	4100	4100	OU3-B2-SB09-0204	615	1	28000	0	1000000	0
2,4-Dinitrophenol	0	10	1200	0	0	0	None	1500	0		0		0
2,4-Dinitrotoluene	0	10	470	0	0	0	None	615	0		0		0
2,6-Dinitrotoluene	0	10	470	0	0	0	None	615	0		0		0
2-Chloronaphthalene	0	10	470	0	0	0	None	615	0		0		0
2-Chlorophenol	0	10	470	0	0	0	None	615	0		0		0
2-Methylnaphthalene	5	14	370	170	36 J	620 J	OU3-B2-SD06-0507	615	1	58000	0	1000000	0
2-Methylphenol	1	10	500	680	680	680	OU3-B2-SB09-0204	615	1	70000	0	1000000	0
2-Nitroaniline	0	10	1200	0	0	0	None	1500	0		0		0
2-Nitrophenol	0	10	470	0	0	0	None	615	0		0		0
3,3'-Dichlorobenzidine	0	10	470	0	0	0	None	615	0	16	0	1400	0
3-Nitroaniline	0	10	1200	0	0	0	None	1500	0		0		0
4,6-Dinitro-2-methylphenol	0	10	1200	0	0	0	None	1500	0		0		0
4-Bromophenyl-phenylether	0	10	470	0	0	0	None	615	0	82000	0	600000	0
4-Chloro-3-methylphenol	0	10	470	0	0	0	None	615	0	0	0	0	0
4-Chloroaniline	0	10	470	0	0	0	None	615	0	5600	0	270000	0
4-Chlorophenyl-phenylether	0	10	470	0	0	0	None	615	0		0		0
4-Methylphenol	2	11	530	740	73 J	1400	OU3-B2-SB09-0204	615	1	7000	0	340000	0
4-Nitroaniline	0	10	1200	0	0	0	None	1500	0	4200	0	200000	0
4-Nitrophenol	0	10	1200	0	0	0	None	1500	0	11000	0	540000	0
Acenaphthene	6	14	370	210	44 J	410	OU3-B2-SB03-0608	615	0	84000	0	1000000	0
Acenaphthylene	11	16	370	410	28 J	1700 J	OU3-B2-SB06-0204	615	3	84000	0	1000000	0
Anthracene	12	16	460	600	33 J	1900	OU3-B2-SB09-0204	577.5	4	400000	0	1000000	0
Benzo(a)anthracene	15	18	1100	1300	33 J	5800 *	OU3-B2-SB09-0204	2015	4	1000	5	1000	5
Benzo(a)pyrene	15	18	1000	1200	42 J	5200	OU3-B2-SB06-0204	1702.5	4	1000	8	1000	8
Benzo(b)fluoranthene	15	18	1400	1700	30 J	6000	OU3-B2-SB06-0204	3291.25	3	1000	7	1000	7
Benzo(g,h,i)perylene	10	15	590	760	41 J	5300	OU3-B2-SB06-0204	927.5	2	40000	0	1000000	0
Benzo(k)fluoranthene	15	18	910	1000	23 J	4600	OU3-B2-SB06-0204	615	7	1000	4	8400	0
Bis(2-Chloroethoxy)methane	0	10	470	0	0	0	None	615	0		0		0
Bis(2-Chloroethyl)ether	0	10	470	0	0	0	None	615	0		0		0
bis(2-Ethylhexyl)phthalate	18	19	7100	8400	43 J	66000 *J	OU3-B2-SD01-0204	617.5	5	11000	3	44000	1
Butylbenzylphthalate	1	11	440	160	160 J	160 J	OU3-B2-SD01-0204	615	0	200000	0	1000000	0
Carbazole	6	12	270	270	37 J	450 J	OU3-B2-SB06-0204	527.5	0	360	2	31000	0
Chrysene	15	18	1600	1800	43 J	6900 *	OU3-B2-SB09-0204	1937.5	5	960	7	84000	0
Di-n-Butylphthalate	3	12	420	270	67 JEB	410	OU3-B2-SB03-0608	615	0	140000	0	1000000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Di-n-octylphthalate	4	13	940	2000	120 J	3500 J	OU3-B2-SD01-0204, OU3-B2-SD02-0204	615	3	20000	0	1000000	0
Dibenzo(a,h)anthracene	7	13	370	200	32 J	510 J	OU3-B2-SB09-0204	752.5	0	0.96	7	84	4
Dibenzofuran	4	12	390	190	63 J	410	OU3-B2-SB03-0608	615	0	5600	0	270000	0
Diethylphthalate	0	10	470	0	0	0	None	615	0	1100000	0	1000000	0
Dimethylphthalate	3	12	670	1200	73 J	2900	OU3-B2-SB09-0204	615	2	14000000	0	1000000	0
Fluoranthene	15	18	2700	3200	53 J	14000 *	OU3-B2-SB09-0204	3770.75	5	56000	0	1000000	0
Fluorene	10	16	260	250	38 J	660	OU3-B2-SD04-0204	615	1	56000	0	1000000	0
Hexachlorobenzene	0	10	470	0	0	0	None	615	0	1000	0	1000	0
Hexachlorobutadiene	0	10	470	0	0	0	None	615	0		0		0
Hexachlorocyclopentadiene	0	9	500	0	0	0	None	615	0		0		0
Hexachloroethane	0	10	470	0	0	0	None	615	0		0		0
Indeno(1,2,3-cd)pyrene	13	16	830	730	43 J	4500	OU3-B2-SB06-0204	1552.5	1	9.6	13	840	3
Isophorone	0	10	470	0	0	0	None	615	0		0		0
N-Nitroso-di-n-propylamine	0	10	470	0	0	0	None	615	0	1	0	88	0
N-Nitroso-diphenylamine	5	14	610	820	230 J	2500 J	OU3-B2-SD06-0507	615	2	1400	1	130000	0
Naphthalene	6	14	350	160	37 J	410	OU3-B2-SB03-0608	615	0	56000	0	1000000	0
Nitrobenzene	0	10	470	0	0	0	None	615	0		0		0
Pentachlorophenol	0	10	1200	0	0	0	None	1500	0	1000	0	5100	0
Phenanthrene	15	18	1300	1500	58 J	4900	OU3-B2-SB09-0204	1900	5	40000	0	1000000	0
Phenol	7	15	570	640	210 J	1200	OU3-B2-SB09-0204	615	2	800000	0	1000000	0
Pyrene	15	18	2000	2400	61 J	8400	OU3-B2-SB06-0204	2485.5	6	40000	0	1000000	0
Total PAH	15	18	14000	16000	343	57190	OU3-B2-SB06-0204		0		0		0
Volatile Organic Compounds (µg/kg)													
1,1,1-Trichloroethane	0	7	29	0	0	0	None	9.875	0	40000	0	500000	0
1,1,2,2-Tetrachloroethane	0	7	29	0	0	0	None	9.875	0	100	0	3100	0
1,1,2-Trichloroethane	0	7	29	0	0	0	None	9.875	0	1000	0	11000	0
1,1-Dichloroethane	0	7	29	0	0	0	None	9.875	0	14000	0	500000	0
1,1-Dichloroethene	0	7	29	0	0	0	None	9.875	0	1400	0	1000	0
1,2-Dichloroethane	0	7	29	0	0	0	None	9.875	0	200	0	6700	0
1,2-Dichloroethene (total)	0	7	29	0	0	0	None		0	14000	0	500000	0
1,2-Dichloropropane	0	7	29	0	0	0	None	9.875	0		0		0
2-Butanone	1	7	30	27	27	27	OU3-B2-SB03-0608	9.875	1	80000	0	500000	0
2-Hexanone	0	7	29	0	0	0	None	9.875	0	56000	0	500000	0
4-Methyl-2-Pentanone	0	7	29	0	0	0	None	9.875	0	14000	0	500000	0
Acetone	0	7	53	0	0	0	None	30.25	0	140000	0	500000	0
Benzene	1	7	18	74	74 J	74 J	OU3-B2-SD02-0204	9.875	1	200	0	21000	0
Bromodichloromethane	0	7	29	0	0	0	None	9.875	0	110	0	9900	0
Bromoform	0	1	14	0	0	0	None	9.875	0	800	0	78000	0
Bromomethane	0	7	29	0	0	0	None	9.875	0		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Carbon Disulfide	5	7	29	10	3 J	20	OU3-B2-SB03-0808	13.625	2	140000	0	500000	0
Carbon Tetrachloride	0	7	29	0	0	0	None	9.875	0		0		0
Chlorobenzene	1	7	45	260	260 J	260 J	OU3-B2-SD02-0204	9.875	1	20000	0	500000	0
Chloroethane	0	7	29	0	0	0	None	9.875	0	2400	0	210000	0
Chloroform	0	7	29	0	0	0	None	9.875	0	1200	0	100000	0
Chloromethane	0	7	29	0	0	0	None	9.875	0	540	0	47000	0
cis-1,3-Dichloropropene	0	7	29	0	0	0	None	9.875	0		0		0
Dibromochloromethane	0	7	29	0	0	0	None	9.875	0		0		0
Ethylbenzene	0	7	29	0	0	0	None	9.875	0	10100	0	500000	0
Methylene Chloride	0	7	29	0	0	0	None	9.875	0	1000	0	82000	0
Styrene	0	7	29	0	0	0	None	9.875	0	20000	0	500000	0
Tetrachloroethene	0	7	29	0	0	0	None	9.875	0	1000	0	12000	0
Toluene	0	7	29	0	0	0	None	9.375	0	67000	0	500000	0
Total Xylenes	1	7	31	26	26	26	OU3-B2-SD04-0204	9.875	1	19500	0	500000	0
trans-1,3-Dichloropropene	0	7	29	0	0	0	None	9.875	0		0		0
Trichloroethene	0	7	29	0	0	0	None	9.875	0	1000	0	56000	0
Vinyl Chloride	0	7	29	0	0	0	None	9.875	0	400	0	320	0
Pesticides/PCBs (µg/kg)													
4,4'-DDD	9	19	20	38	7.3 J	130	OU3-B2-SB06-0204	2.3075	9	29	3	2600	0
4,4'-DDE	5	20	8.3	14	2.6 J	39	OU3-B2-SD04-0204	1.036	5	21	1	1800	0
4,4'-DDT	9	20	22	43	0.28 J	120	OU3-B2-SD04-0204	1.98	7	21	5	1800	0
Aldrin	5	20	4	6.7	0.28 J	22	OU3-B2-SD04-0204	0.945	4	0.41	4	36	0
alpha-BHC	2	20	2.8	1.7	0.44 J	3.05	OU3-B2-SD04-0204	1.4	1	1.1	1	97	0
alpha-Chlordane	6	20	7.5	17	0.36 J	45	OU3-B2-SB09-0204	0.29425	6	66	0	490	0
Aroclor, Total	14	20	3600	5200	30	21000	OU3-B2-SD04-0204	37.75	13		0		0
Aroclor, Total (Conservative)	14	20	4100	5800	332	21920	OU3-B2-SD04-0204		0		0		0
Aroclor-1016	0	20	58	0	0	0	None	16.875	0		0	1000	0
Aroclor-1221	0	20	120	0	0	0	None	34.125	0		0		0
Aroclor-1232	0	20	58	0	0	0	None	16.875	0		0		0
Aroclor-1242	0	20	58	0	0	0	None	16.875	0		0	1000	0
Aroclor-1248	2	20	130	840	280	1400	OU3-B2-SB09-0204	16.875	2		0	1000	1
Aroclor-1254	1	20	76	390	390	390	OU3-B2-SB06-0406	16.875	1		0	1000	0
Aroclor-1260	0	20	58	0	0	0	None	16.875	0		0	1000	0
Aroclor-1262	9	20	1800	3400	200 J	10000	OU3-B2-SD04-0204	16.875	9		0	1000	7
Aroclor-1268	13	20	2000	3100	30 J	11000	OU3-B2-SD04-0204	16.875	13		0	1000	8
beta-BHC	0	11	2.3	0	0	0	None	0.8625	0	3.9	0	340	0
delta-BHC	1	20	3.1	2.4	2.4	2.4	OU3-B2-SD08-0406	0.8625	1	1.1	1	97	0
Dieldrin	9	20	19	35	1.1 J	130 J	OU3-B2-SB09-0204	1.6875	8	7	7	38	2
Endosulfan I	2	20	2.9	0.94	0.88 J	1 J	OU3-B2-SD06-0204	0.8625	2	8400	0	410000	0
Endosulfan II	0	11	7	0	0	0	None	0.98	0	8400	0	410000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-6 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Endosulfan Sulfate	2	20	5.1	9.7	3.3 J	16	OU3-B2-SB08-0204	1.6875	2	8400	0	410000	0
Endrin	6	20	10	19	0.43 J	60	OU3-B2-SD04-0204	1.1825	5	0	6	20000	0
Endrin Aldehyde	5	20	7.8	13	0.36 J	49	OU3-B2-SB09-0204	1.1325	3	0	5	20000	0
Endrin Ketone	1	20	5.8	12	11.5	11.5	OU3-B2-SD04-0204	1.6875	1	0	1	20000	0
gamma-BHC	0	20	3	0	0	0	None	0.79	0	40	0	20000	0
gamma-Chlordane	9	20	7.9	15	0.16 J	63	OU3-B2-SD01-0204	2.0375	5	66	0	490	0
Heptachlor	3	20	2.7	0.8	0.27 J	1.8 J	OU3-B2-SD02-0204	0.7075	1	13	0	140	0
Heptachlor Epoxide	4	20	2.9	2.4	0.42 J	6.1	OU3-B2-SD04-0204	1.1125	3	20	0	67	0
Methoxychlor	0	20	30	0	0	0	None	6.825	0	8000	0	340000	0
Toxaphene	0	20	300	0	0	0	None	86.25	0	600	0	560	0
Total Organic Carbon (mg/kg)	11	11	180000	180000	17100 J	928000	OU3-B2-SD01-0204		0		0		0

Notes: CT PMC - State of Connecticut Pollutant Mobility Criteria for GB Aquifers
CT DEC - State of Connecticut Direct Exposure Criteria for Residential Soils
CT AWQC - State of Connecticut Ambient Water Quality Criteria (water and organism)

TABLE 4-7
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
Metals (µg/l)											
Aluminum	5	25	96.2	263	65.2	792	RM-SW-SD08-02	156.36875	2		0
Antimony	3	25	10	22.9	15	27.4 J	RM-SW-SD28-04	4.3625	3	14	3
Arsenic	8	25	15.1	18.5	4 J	93.4 J	RM-SW-SD37-04	14.3125	1	0.018	8
Barium	22	25	13.7	15	5.5	29.6	RM-SW-SD08-02	17.09375	6		0
Beryllium	0	24	0.28	0	0	0	None	0.45625	0	0.0077	0
Cadmium	0	25	0.88	0	0	0	None	0.9625	0	16	0
Calcium	24	25	195000	198000	9670	319000	RM-SW-SD09-01	219687.5	10		0
Chromium	15	25	8.1	11.9	7.7 J	16.4	RM-SW-SD31-04	4.975	15	170	0
Cobalt	1	25	1.5	9.5	9.5	9.5	RM-SW-SD09-03	1.19375	1		0
Copper	4	25	16	37.8	18.3 J	65.4 J	RM-SW-SD20-03	19.75	6		0
Iron	19	25	303	376	133	1570	RM-SW-SD08-02	698.25	1		0
Lead	7	25	8.2	6.4	2.3 J	16.7 J	RM-SW-SD20-03	3.9375	6	50	0
Magnesium	25	25	621000	621000	17300	922000	RM-SW-SD32-04	691312.5	12		0
Manganese	25	25	107	107	4.9 J	905 J	RM-SW-SD09-02	134.65	5		0
Mercury	10	25	0.4	0.88	0.27 J	1.95	RM-SW-SD19-04	0.14875	10	0.14	10
Nickel	0	25	3.4	0	0	0	None	4.6	0	610	0
Potassium	25	25	209000	209000	7330	337000	RM-SW-SD08-02	344000	0		0
Selenium	2	25	8.3	3	2.6 J	3.3 J	RM-SW-SD28-04	5.125	0	100	0
Silver	0	25	2	0	0	0	None	5.06875	0	105	0
Sodium	25	25	5230000	5230000	144000	8720000 J	RM-SW-SD31-04	6916125	7		0
Thallium	2	25	17.1	8.4	7.7 J	9.1	RM-SW-SD19-04	10.20625	0	1.7	2
Vanadium	7	25	2.4	3.7	2.4	4.6 J	RM-SW-SD31-04	2.08125	7		0
Zinc	4	17	24.7	80.2	27.7 J	179	RM-SW-SD20-03	30.09375	2		0
Semivolatile Organic Compounds (µg/l)											
1,2,4-Trichlorobenzene	0	25	5	0	0	0	None	5	0		0
1,2-Dichlorobenzene	0	25	5	0	0	0	None	5	0	2700	0
1,3-Dichlorobenzene	0	25	5	0	0	0	None	5	0		0
1,4-Dichlorobenzene	0	25	5	0	0	0	None	5	0	400	0
2,2'-oxybis(1-Chloropropane)	0	25	5	0	0	0	None	5	0		0
2,4,5-Trichlorophenol	0	25	12	0	0	0	None	12.5	0		0
2,4,6-Trichlorophenol	0	25	5	0	0	0	None	5	0		0
2,4-Dichlorophenol	0	25	5	0	0	0	None	5	0		0
2,4-Dimethylphenol	0	25	5	0	0	0	None	5	0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-7 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
2,4-Dinitrophenol	0	25	12	0	0	0	None	12.5	0		0
2,4-Dinitrotoluene	0	25	5	0	0	0	None	5	0		0
2,6-Dinitrotoluene	0	25	5	0	0	0	None	5	0		0
2-Chloronaphthalene	0	25	5	0	0	0	None	5	0		0
2-Chlorophenol	0	25	5	0	0	0	None	5	0		0
2-Methylnaphthalene	0	25	5	0	0	0	None	5	0		0
2-Methylphenol	0	25	5	0	0	0	None	5	0		0
2-Nitroaniline	0	25	12	0	0	0	None	12.5	0		0
2-Nitrophenol	0	25	5	0	0	0	None	5	0		0
3,3'-Dichlorobenzidine	0	25	5	0	0	0	None	5	0	0.04	0
3-Nitroaniline	0	25	12	0	0	0	None	9.375	0		0
4,6-Dinitro-2-methylphenol	0	25	12	0	0	0	None	12.5	0		0
4-Bromophenyl-phenylether	0	25	5	0	0	0	None	5	0		0
4-Chloro-3-methylphenol	0	25	5	0	0	0	None	5	0		0
4-Chloroaniline	0	25	5	0	0	0	None	5	0		0
4-Chlorophenyl-phenylether	0	25	5	0	0	0	None	5	0		0
4-Methylphenol	0	25	5	0	0	0	None	5	0		0
4-Nitroaniline	0	25	12	0	0	0	None	12.5	0		0
4-Nitrophenol	0	25	12	0	0	0	None	12.5	0		0
Acenaphthene	0	25	5	0	0	0	None	5	0		0
Acenaphthylene	0	25	5	0	0	0	None	5	0	0.0028	0
Anthracene	0	25	5	0	0	0	None	5	0	9600	0
Benzo(a)anthracene	0	25	5	0	0	0	None	5	0	0.0028	0
Benzo(a)pyrene	0	25	5	0	0	0	None	5	0	0.0028	0
Benzo(b)fluoranthene	0	25	5	0	0	0	None	5	0	0.0028	0
Benzo(g,h,i)perylene	0	25	5	0	0	0	None	5	0	0.0028	0
Benzo(k)fluoranthene	0	25	5	0	0	0	None	5	0	0.0028	0
Bis(2-Chloroethoxy)methane	0	25	5	0	0	0	None	5	0		0
Bis(2-Chloroethyl)ether	0	25	5	0	0	0	None	5	0		0
bis(2-Ethylhexyl)phthalate	2	25	6	20	11.5	29	RM-SW-SD09-02	5	2	1.8	2
Butylbenzylphthalate	0	25	5	0	0	0	None	5	0		0
Carbazole	0	25	5	0	0	0	None	5	0		0
Chrysene	0	25	5	0	0	0	None	5	0	0.0028	0
Di-n-Butylphthalate	0	25	5	0	0	0	None	5	0	2700	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-7 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
Di-n-octylphthalate	0	25	5	0	0	0	None	5	0		0
Dibenzo(a,h)anthracene	0	25	5	0	0	0	None	5	0	0.0028	0
Dibenzofuran	0	25	5	0	0	0	None	5	0		0
Diethylphthalate	1	25	5	0.6	0.6 J	0.6 J	RM-SW-SD20-03	5	0	23000	0
Dimethylphthalate	0	25	5	0	0	0	None	5	0	313000	0
Fluoranthene	1	25	5	0.9	0.9 J	0.9 J	RM-SW-SD20-03	5	0	300	0
Fluorene	0	25	5	0	0	0	None	5	0	1300	0
Hexachlorobenzene	0	25	5	0	0	0	None	5	0	0.00075	0
Hexachlorobutadiene	0	25	5	0	0	0	None	5	0		0
Hexachlorocyclopentadiene	0	25	5	0	0	0	None	5	0		0
Hexachloroethane	0	25	5	0	0	0	None	5	0		0
Indeno(1,2,3-cd)pyrene	0	25	5	0	0	0	None	5	0	0.0028	0
Isophorone	0	25	5	0	0	0	None	5	0		0
N-Nitroso-di-n-propylamine	0	25	5	0	0	0	None	5	0		0
N-Nitroso-diphenylamine	0	25	5	0	0	0	None	5	0	5	0
Naphthalene	0	25	5	0	0	0	None	5	0		0
Nitrobenzene	0	25	5	0	0	0	None	5	0		0
Pentachlorophenol	0	25	12	0	0	0	None	12.5	0	0.28	0
Phenanthrene	1	25	5	0.5	0.5 J	0.5 J	RM-SW-SD20-03	5	0	0.0028	1
Phenol	0	25	5	0	0	0	None	5	0	21000	0
Pyrene	1	25	5	0.6	0.6 J	0.6 J	RM-SW-SD20-03	5	0	960	0
Total PAH	1	25	5	2	2	2	RM-SW-SD20-03		0		0
Volatile Organic Compounds (µg/l)											
1,1,1-Trichloroethane	3	25	7	24	12	44	RM-SW-SD09-02	5	3	3100	0
1,1,2,2-Tetrachloroethane	0	25	5	0	0	0	None	5	0	0.17	0
1,1,2-Trichloroethane	0	25	5	0	0	0	None	5	0	0.6	0
1,1-Dichloroethane	2	25	5	8	4 J	13	RM-SW-SD09-02	5	1		0
1,1-Dichloroethene	3	25	6	10	4 J	19	RM-SW-SD09-02	5	2	0.057	3
1,2-Dichloroethane	0	25	5	0	0	0	None	5	0	0.38	0
1,2-Dichloroethene (total)	3	25	6	13	5 J	28	RM-SW-SD09-02		0		0
1,2-Dichloropropane	0	25	5	0	0	0	None	5	0		0
2-Butanone	0	25	5	0	0	0	None	5	0		0
2-Hexanone	0	25	5	0	0	0	None	5	0		0
4-Methyl-2-Pentanone	0	25	5	0	0	0	None	5	0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-7 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
Acetone	1	25	6	37	37 J	37 J	RM-SW-SD19-03	6.125	1		0
Benzene	0	25	5	0	0	0	None	5	0	1.2	0
Bromodichloromethane	0	25	5	0	0	0	None	5	0	0.27	0
Bromoform	0	25	5	0	0	0	None	5	0	4.3	0
Bromomethane	0	25	5	0	0	0	None	5	0		0
Carbon Disulfide	0	25	5	0	0	0	None	4.75	0		0
Carbon Tetrachloride	0	25	5	0	0	0	None	5	0		0
Chlorobenzene	1	25	5	1	1 J	1 J	RM-SW-SD09-02	5	0	680	0
Chloroethane	0	25	5	0	0	0	None	5	0		0
Chloroform	0	25	5	0	0	0	None	5	0	5.7	0
Chloromethane	1	25	5	16	16	16	RM-SW-SD19-03	5	1	5.7	1
cis-1,3-Dichloropropene	0	25	5	0	0	0	None	5	0		0
Dibromochloromethane	0	25	5	0	0	0	None	5	0		0
Ethylbenzene	0	25	5	0	0	0	None	5	0	3100	0
Methylene Chloride	0	25	5	0	0	0	None	5	0	4.7	0
Styrene	0	25	5	0	0	0	None	5	0		0
Tetrachloroethene	0	25	5	0	0	0	None	5	0	0.8	0
Toluene	0	25	5	0	0	0	None	5	0	6800	0
Total Xylenes	0	25	5	0	0	0	None	5	0		0
trans-1,3-Dichloropropene	0	25	5	0	0	0	None	5	0		0
Trichloroethene	2	25	5	5	4 J	6 J	RM-SW-SD10-04	5	1	2.7	2
Vinyl Chloride	1	25	5	5	5 J	5 J	RM-SW-SD09-02	5	0	2	1
Pesticides/PCBs (µg/l)											
4,4'-DDD	4	25	0.042	0.003	0.002 J	0.004 J	RM-SW-SD09-04	0.05	0	0.00083	4
4,4'-DDE	0	25	0.05	0	0	0	None	0.05	0	0.00059	0
4,4'-DDT	0	25	0.05	0	0	0	None	0.125	0	0.00059	0
Aldrin	0	25	0.025	0	0	0	None	0.025	0	0.00013	0
alpha-BHC	0	25	0.025	0	0	0	None	0.0222375	0	0.0039	0
alpha-Chlordane	0	25	0.025	0	0	0	None	0.0220375	0	0.00057	0
Aroclor, Total	0	25	0.33	0	0	0	None	0.7625	0	0.000044	0
Aroclor, Total (Conservative)	0	25	0.3	0	0	0	None		0		0
Aroclor-1016	0	25	0.3	0	0	0	None	0.53125	0	0.000044	0
Aroclor-1221	0	25	0.6	0	0	0	None	0.5	0		0
Aroclor-1232	0	25	0.3	0	0	0	None	0.34375	0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-7 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
Aroclor-1242	0	25	0.3	0	0	0	None	0.34375	0	0.000044	0
Aroclor-1248	0	25	0.3	0	0	0	None	0.34375	0	0.000044	0
Aroclor-1254	0	25	0.3	0	0	0	None	0.34375	0	0.000044	0
Aroclor-1260	0	25	0.3	0	0	0	None	0.34375	0	0.000044	0
Aroclor-1262	0	25	0.3	0	0	0	None	0.34375	0	0.000044	0
Aroclor-1268	0	25	0.3	0	0	0	None	0.34375	0	0.000044	0
beta-BHC	0	25	0.025	0	0	0	None	0.025	0	0.014	0
delta-BHC	0	25	0.025	0	0	0	None	0.025	0		0
Dieldrin	1	25	0.044	0.026	0.0255	0.0255	RM-SW-SD19-04	0.05	0	0.00014	1
Endosulfan I	0	25	0.025	0	0	0	None	0.025	0	0.93	0
Endosulfan II	1	25	0.048	0.004	0.004 J	0.004 J	RM-SW-SD20-03	0.05	0	0.93	0
Endosulfan Sulfate	1	25	0.048	0.012	0.012 J	0.012 J	RM-SW-SD20-03	0.05	0	0.93	0
Endrin	0	25	0.05	0	0	0	None	0.05	0	0.76	0
Endrin Aldehyde	1	25	0.048	0.006	0.006 J	0.006 J	RM-SW-SD19-03	0.040625	0	0.76	0
Endrin Ketone	1	25	0.048	0.002	0.002 J	0.002 J	RM-SW-SD09-03	0.05	0		0
gamma-BHC	1	25	0.025	0.013	0.013	0.013	RM-SW-SD19-04	0.0235	0	0.019	0
gamma-Chlordane	1	25	0.024	0.004	0.004 J	0.004 J	RM-SW-SD31-04	0.953125	0	0.00057	1
Heptachlor	1	25	0.024	0.002	0.002 J	0.002 J	RM-SW-SD08-01	0.025	0	0.00021	1
Heptachlor Epoxide	1	25	0.024	0.002	0.002 J	0.002 J	RM-SW-SD37-04	0.0220625	0	0.0001	1
Methoxychlor	2	25	0.22	0.018	0.007 J	0.03 J	RM-SW-SD08-01	0.15	0		0
Toxaphene	0	25	2.5	0	0	0	None	1.75	0	0.00073	0

Notes: CT PMC - State of Connecticut Pollutant Mobility Criteria for GB Aquifers
CT DEC - State of Connecticut Direct Exposure Criteria for Residential Soils
CT AWQC - State of Connecticut Ambient Water Quality Criteria (water and organism)

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-8
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
SURFACE SOIL													
Asbestos	23	66	3	8	0.99	50	DBL-008, DBL-009		0		0		0
Dioxin/Furan (µg/kg)													
1,2,3,4,6,7,8-HpCDD	0	3	0.045	0	0	0	None		0		0		0
1,2,3,4,6,7,8-HpCDF	1	3	0.082	0.14	0.142	0.142	SA674AC-N37,E103(1.5-2.2)		0		0		0
1,2,3,4,7,8,9-HpCDF	0	3	0.026	0	0	0	None		0		0		0
1,2,3,4,7,8-HxCDD	0	3	0.036	0	0	0	None		0		0		0
1,2,3,4,7,8-HxCDF	0	3	0.016	0	0	0	None		0		0		0
1,2,3,6,7,8-HxCDD	0	3	0.057	0	0	0	None		0		0		0
1,2,3,6,7,8-HxCDF	0	3	0.011	0	0	0	None		0		0		0
1,2,3,7,8,9-HxCDD	0	3	0.023	0	0	0	None		0		0		0
1,2,3,7,8,9-HxCDF	0	3	0.016	0	0	0	None		0		0		0
1,2,3,7,8-PeCDD	0	3	0.015	0	0	0	None		0		0		0
1,2,3,7,8-PeCDF	0	3	0.028	0	0	0	None		0		0		0
2,3,4,6,7,8-HxCDF	0	3	0.019	0	0	0	None		0		0		0
2,3,4,7,8-PeCDF	0	3	0.012	0	0	0	None		0		0		0
2,3,7,8-TCDD	0	3	0.02	0	0	0	None		0		0		0
2,3,7,8-TCDF	0	3	0.008	0	0	0	None		0		0		0
OCDD	3	3	1.6	1.6	0.848 J	2.169	SA674AC-N13,E85(1.0-1.6)		0		0		0
OCDF	1	3	0.13	0.33	0.334	0.334	SA674AC-N37,E103(1.5-2.2)		0		0		0
Total HpCDD	0	3	0.045	0	0	0	None		0		0		0
Total HpCDF	1	3	0.052	0.14	0.142	0.142	SA674AC-N37,E103(1.5-2.2)		0		0		0
Total HxCDD	0	3	0.022	0	0	0	None		0		0		0
Total HxCDF	0	3	0.01	0	0	0	None		0		0		0
Total PeCDD	0	3	0.017	0	0	0	None		0		0		0
Total PeCDF	0	3	0.012	0	0	0	None		0		0		0
Total TCDD	0	3	0.02	0	0	0	None		0		0		0
Total TCDF	0	3	0.0082	0	0	0	None		0		0		0
Toxicity Equivalency	3	3	0.082	0.082	0.0349984	0.1045591	SA674AC-N37,E103(1.5-2.2)		0		0		0
Metals (mg/kg)													
Aluminum	5	5	8560	8560	5220	10100	SA674AC-N37,E103(1.5-2.2)	12917.69	0		0		0
Antimony	0	5	3.1	0	0	0	None	2.8576923	0		0	27	0
Arsenic	4	5	4.2	5	1.5 J	7.9	SA674AC-N37,E103(1.5-2.2)	5.6748718	2		0	10	0
Barium	5	5	44.3	44.3	7.8	75	SA654AC-N153,E164(0.0-0.3)	57.466667	2		0	4700	0
Beryllium	4	5	0.29	0.34	0.25 J	0.41	SA674AC-N37,E103(1.5-2.2)	0.7189744	0		0	2	0
Cadmium	1	5	0.37	0.71	0.71 J	0.71 J	DBL007	0.3966386	1		0	34	0
Calcium	5	5	2190	2190	470	6010	SA654AC-N153,E164(0.0-0.3)	1597.6154	3		0		0
Chromium	5	5	14.6	14.6	9 J	21.3	DBL007	16.971795	2		0	100	0
Cobalt	5	5	7.5	7.5	3.8	15.3	SA654AC-N153,E164(0.0-0.3)	6.3487179	2		0	1000	0
Copper	5	9	90.1	42.2	17	91.7 J	DBL017	28.79359	3		0	2500	0
Iron	5	5	13600	13600	10500	16400	DBL017	16045.128	1		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-8 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Lead	62	68	881	740	11.7 *J	6590	SA654A N153,E164 (0.8-1.0)	80.758974	59		0	500	25
Magnesium	5	5	3090	3090	2190	3800	DBL017	3251.4872	3		0		0
Manganese	5	5	234	234	155	373 J	SA654AC-N153,E164(0.0-0.3)	306.39487	1		0	1600	0
Mercury	3	5	0.28	0.42	0.22	0.71	SA654AC-N153,E164(0.0-0.3)	0.1105128	3		0	20	0
Nickel	5	5	14.6	14.6	12.3	16.7 J	DBL017	12.516667	4		0	1400	0
Potassium	5	5	1050	1050	327	1610	DBL017	961.13718	4		0		0
Selenium	3	5	0.4	0.5	0.25	0.88 J	DBL017	0.4988462	1		0	340	0
Silver	0	5	0.48	0	0	0	None	0.5078205	0		0	340	0
Sodium	4	5	262	309	182	485 J	DBL017	76.428205	4		0		0
Thallium	0	5	0.37	0	0	0	None	0.3678205	0		0	5.4	0
Vanadium	5	5	23.4	23.4	12.4	34.8	DBL017	34.211538	1		0	470	0
Zinc	5	5	108	108	43.2 J	132 J	SA654AC-N153,E164(0.0-0.3)	112.32308	3		0	20000	0
Semivolatile Organic Compounds (ug/kg)													
1,2,4-Trichlorobenzene	0	3	190	0	0	0	None		0	14000	0	680000	0
1,2-Dichlorobenzene	0	3	190	0	0	0	None		0	3100	0	500000	0
1,3-Dichlorobenzene	0	3	190	0	0	0	None		0		0		0
1,4-Dichlorobenzene	0	3	190	0	0	0	None		0	15000	0	28000	0
2,2'-oxybis(1-Chloropropane)	0	3	190	0	0	0	None		0		0		0
2,4,5-Trichlorophenol	0	3	460	0	0	0	None		0		0		0
2,4,6-Trichlorophenol	0	3	190	0	0	0	None		0		0		0
2,4-Dichlorophenol	0	3	190	0	0	0	None		0		0		0
2,4-Dimethylphenol	0	3	190	0	0	0	None		0	28000	0	1000000	0
2,4-Dinitrophenol	0	3	460	0	0	0	None		0		0		0
2,4-Dinitrotoluene	0	3	190	0	0	0	None		0		0		0
2,6-Dinitrotoluene	0	3	190	0	0	0	None		0		0		0
2-Chloronaphthalene	0	3	190	0	0	0	None		0		0		0
2-Chlorophenol	0	3	190	0	0	0	None		0		0		0
2-Methylnaphthalene	0	3	190	0	0	0	None		0	58000	0	1000000	0
2-Methylphenol	0	3	190	0	0	0	None		0	70000	0	1000000	0
2-Nitroaniline	0	3	460	0	0	0	None		0		0		0
2-Nitrophenol	0	3	190	0	0	0	None		0		0		0
3,3'-Dichlorobenzidine	0	3	190	0	0	0	None		0	16	0	1400	0
3-Nitroaniline	0	3	460	0	0	0	None		0		0		0
4,6-Dinitro-2-methylphenol	0	3	460	0	0	0	None		0		0		0
4-Bromophenyl-phenylether	1	3	190	190	190	190	SA674AC-N37,E103(1.5-2.2)		0	82000	0	500000	0
4-Chloro-3-methylphenol	0	3	190	0	0	0	None		0	0	0	0	0
4-Chloroaniline	0	3	190	0	0	0	None		0	5600	0	270000	0
4-Chlorophenyl-phenylether	0	3	190	0	0	0	None		0		0		0
4-Methylphenol	0	3	190	0	0	0	None		0	7000	0	340000	0
4-Nitroaniline	0	3	460	0	0	0	None		0	4200	0	200000	0
4-Nitrophenol	0	3	460	0	0	0	None		0	11000	0	540000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-8 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Acenaphthene	0	3	190	0	0	0	None		0	84000	0	1000000	0
Acenaphthylene	0	3	190	0	0	0	None		0	84000	0	1000000	0
Anthracene	0	3	190	0	0	0	None		0	400000	0	1000000	0
Benzo(a)anthracene	1	3	190	190	190	190	SA674AC-N37,E103(1.5-2.2)		0	1000	0	1000	0
Benzo(a)pyrene	1	3	180	180	180	180	SA674AC-N37,E103(1.5-2.2)		0	1000	0	1000	0
Benzo(b)fluoranthene	2	3	200	200	64 J	340	SA674AC-N37,E103(1.5-2.2)		0	1000	0	1000	0
Benzo(g,h,i)perylene	1	3	160	110	110	110	SA674AC-N37,E103(1.5-2.2)		0	40000	0	1000000	0
Benzo(k)fluoranthene	2	3	200	200	64 J	340	SA674AC-N37,E103(1.5-2.2)		0	1000	0	8400	0
Bis(2-Chloroethoxy)methane	0	3	190	0	0	0	None		0		0		0
Bis(2-Chloroethyl)ether	0	3	190	0	0	0	None		0		0		0
bis(2-Ethylhexyl)phthalate	0	3	190	0	0	0	None		0	11000	0	44000	0
Butylbenzylphthalate	0	3	190	0	0	0	None		0	200000	0	1000000	0
Carbazole	0	3	190	0	0	0	None		0	360	0	31000	0
Chrysene	2	3	140	120	62 J	180	SA674AC-N37,E103(1.5-2.2)		0	960	0	84000	0
Di-n-Butylphthalate	1	3	140	38	38 J	38 J	SA654AC-N153,E164(0.0-0.3)		0	140000	0	1000000	0
Di-n-octylphthalate	0	3	190	0	0	0	None		0	20000	0	1000000	0
Dibenzo(a,h)anthracene	0	3	190	0	0	0	None		0	0.96	0	84	0
Dibenzofuran	0	3	190	0	0	0	None		0	5600	0	270000	0
Diethylphthalate	0	3	190	0	0	0	None		0	1100000	0	1000000	0
Dimethylphthalate	0	3	190	0	0	0	None		0	14000000	0	1000000	0
Fluoranthene	2	3	210	220	72 J	360	SA674AC-N37,E103(1.5-2.2)		0	56000	0	1000000	0
Fluorene	0	3	190	0	0	0	None		0	56000	0	1000000	0
Hexachlorobenzene	0	3	190	0	0	0	None		0	1000	0	1000	0
Hexachlorobutadiene	0	3	190	0	0	0	None		0		0		0
Hexachlorocyclopentadiene	0	3	190	0	0	0	None		0		0		0
Hexachloroethane	0	3	190	0	0	0	None		0		0		0
Indeno(1,2,3-cd)pyrene	1	3	160	120	120	120	SA674AC-N37,E103(1.5-2.2)		0	9.6	1	840	0
Isophorone	0	3	190	0	0	0	None		0		0		0
N-Nitroso-di-n-propylamine	0	3	190	0	0	0	None		0	1	0	88	0
N-Nitroso-diphenylamine	0	3	190	0	0	0	None		0	1400	0	130000	0
Naphthalene	0	3	190	0	0	0	None		0	56000	0	1000000	0
Nitrobenzene	0	3	190	0	0	0	None		0		0		0
Pentachlorophenol	0	3	460	0	0	0	None		0	1000	0	5100	0
Phenanthrene	2	3	230	250	44 J	460	SA674AC-N37,E103(1.5-2.2)		0	40000	0	1000000	0
Phenol	0	3	190	0	0	0	None		0	800000	0	1000000	0
Pyrene	2	3	190	200	61 J	330	SA674AC-N37,E103(1.5-2.2)		0	40000	0	1000000	0
Total PAH	2	3	1100	1600	367	2610	SA674AC-N37,E103(1.5-2.2)		0		0		0
Volatile Organic Compounds (µg/kg)													
1,1,1-Trichloroethane	0	3	6	0	0	0	None		0	40000	0	500000	0
1,1,2,2-Tetrachloroethane	0	3	6	0	0	0	None		0	100	0	3100	0
1,1,2-Trichloroethane	0	3	6	0	0	0	None		0	1000	0	11000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-8 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
1,1-Dichloroethane	0	3	6	0	0	0	None		0	14000	0	500000	0
1,1-Dichloroethene	0	3	6	0	0	0	None		0	1400	0	1000	0
1,2-Dichloroethane	0	3	6	0	0	0	None		0	200	0	6700	0
1,2-Dichloroethene (total)	0	3	6	0	0	0	None		0	14000	0	500000	0
1,2-Dichloropropane	0	3	6	0	0	0	None		0		0		0
2-Butanone	0	3	6	0	0	0	None		0	80000	0	500000	0
2-Hexanone	0	3	6	0	0	0	None		0	58000	0	500000	0
4-Methyl-2-Pentanone	0	3	6	0	0	0	None		0	14000	0	500000	0
Acetone	0	3	8	0	0	0	None		0	140000	0	500000	0
Benzene	0	3	6	0	0	0	None		0	200	0	21000	0
Bromodichloromethane	0	3	6	0	0	0	None		0	110	0	9900	0
Bromoform	0	3	6	0	0	0	None		0	800	0	78000	0
Bromomethane	0	3	6	0	0	0	None		0		0		0
Carbon Disulfide	0	3	6	0	0	0	None		0	140000	0	500000	0
Carbon Tetrachloride	0	3	6	0	0	0	None		0		0		0
Chlorobenzene	0	3	6	0	0	0	None		0	20000	0	500000	0
Chloroethane	0	3	6	0	0	0	None		0	2400	0	210000	0
Chloroform	0	3	6	0	0	0	None		0	1200	0	100000	0
Chloromethane	0	3	6	0	0	0	None		0	540	0	47000	0
cis-1,3-Dichloropropene	0	3	6	0	0	0	None		0		0		0
Dibromochloromethane	0	3	6	0	0	0	None		0		0		0
Ethylbenzene	0	3	6	0	0	0	None		0	10100	0	500000	0
Methylene Chloride	0	3	11	0	0	0	None		0	1000	0	82000	0
Styrene	0	3	6	0	0	0	None		0	20000	0	500000	0
Tetrachloroethene	0	3	6	0	0	0	None		0	1000	0	12000	0
Toluene	0	3	6	0	0	0	None		0	67000	0	500000	0
Total Xylenes	0	3	6	0	0	0	None		0	19500	0	500000	0
trans-1,3-Dichloropropene	0	3	6	0	0	0	None		0		0		0
Trichloroethene	0	3	6	0	0	0	None		0	1000	0	56000	0
Vinyl Chloride	0	3	6	0	0	0	None		0	400	0	320	0
Pesticides/PCBs (µg/kg)													
4,4'-DDD	0	5	5.4	0	0	0	None	4.5958333	0	29	0	2600	0
4,4'-DDE	2	5	11	24	3.6	45 J	DBL017	16.713889	1	21	1	1800	0
4,4'-DDT	3	5	21	33	5.2 J	89.2 J	DBL017	29.093056	1	21	1	1800	0
Aldrin	0	5	2.8	0	0	0	None	2.4111111	0	0.41	0	38	0
alpha-BHC	0	5	2.8	0	0	0	None	2.4111111	0	1.1	0	97	0
alpha-Chlordane	1	5	4.1	16	16 J	16 J	DBL017	4.8805556	1	66	0	490	0
Aroclor, Total	3	5	530	860	52	2450	DBL017		0		0		0
Aroclor, Total (Conservative)	3	5	880	1500	219	3895	DBL017		0		0		0
Aroclor-1016	0	5	54	0	0	0	None	49.932432	0		0	1000	0
Aroclor-1221	0	5	110	0	0	0	None	93.027027	0		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-8 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Aroclor-1232	0	6	54	0	0	0	None	47.064054	0		0		0
Aroclor-1242	0	6	54	0	0	0	None	46.108108	0		0	1000	0
Aroclor-1248	0	6	54	0	0	0	None	46.108108	0		0	1000	0
Aroclor-1254	0	6	54	0	0	0	None	46.108108	0		0	1000	0
Aroclor-1260	0	6	54	0	0	0	None	46.108108	0		0	1000	0
Aroclor-1262	3	6	420	680	52 J	1900 J	DBL017	36.810811	3		0	1000	1
Aroclor-1268	1	6	130	550	550 J	550 J	DBL017	46.108108	1		0	1000	0
beta-BHC	0	6	2.8	0	0	0	None	2.3861111	0	3.9	0	340	0
delta-BHC	0	6	2.8	0	0	0	None	2.3166667	0	1.1	0	97	0
Dieldrin	1	4	21	80	80 J	80 J	DBL017	13.093056	1	7	1	38	1
Endosulfan I	0	6	2.8	0	0	0	None	4.5236111	0	8400	0	410000	0
Endosulfan II	0	6	5.4	0	0	0	None	4.7236111	0	8400	0	410000	0
Endosulfan Sulfate	0	6	5.4	0	0	0	None	4.6916667	0	8400	0	410000	0
Endrin	0	6	5.4	0	0	0	None	4.7708333	0	0	0	20000	0
Endrin Aldehyde	0	6	5.4	0	0	0	None	4.5583333	0	0	0	20000	0
Endrin Ketone	0	6	5.4	0	0	0	None	5.3069444	0	0	0	20000	0
gamma-BHC	0	6	2.8	0	0	0	None	2.4111111	0	40	0	20000	0
gamma-Chlordane	0	3	0.97	0	0	0	None	2.6722222	0	66	0	490	0
Heptachlor	0	6	2.8	0	0	0	None	2.1861111	0	13	0	140	0
Heptachlor Epoxide	0	4	1.2	0	0	0	None	2.3319444	0	20	0	67	0
Methoxychlor	0	4	12	0	0	0	None	22.25	0	8000	0	340000	0
Toxaphene	0	6	280	0	0	0	None	236.44722	0	600	0	560	0
SUBSURFACE SOIL													
Asbestos (%)	20	70	0.6	2	0.99	10	OU3-B2-SB01-0204		0		0		0
Dioxin/Furan (µg/kg)													
1,2,3,4,6,7,8-HpCDD	1	3	0.055	0.039	0.0392 J	0.0392 J	OU3-B2-SB01-0406		0		0		0
1,2,3,4,6,7,8-HpCDF	1	3	0.036	0.014	0.0135 J	0.0135 J	OU3-B2-SB01-0406		0		0		0
1,2,3,4,7,8,9-HpCDF	1	3	0.028	0.00066	0.000659 J	0.000659 J	OU3-B2-SB01-0406		0		0		0
1,2,3,4,7,8-HxCDD	1	3	0.041	0.0014	0.00141 J	0.00141 J	OU3-B2-SB01-0406		0		0		0
1,2,3,4,7,8-HxCDF	1	3	0.047	0.0029	0.00294 J	0.00294 J	OU3-B2-SB01-0406		0		0		0
1,2,3,6,7,8-HxCDD	1	3	0.041	0.0016	0.00157 J	0.00157 J	OU3-B2-SB01-0406		0		0		0
1,2,3,6,7,8-HxCDF	1	3	0.025	0.0014	0.00142 EMPC	0.00142 EMPC	OU3-B2-SB01-0406		0		0		0
1,2,3,7,8,9-HxCDD	1	3	0.029	0.0016	0.00165 J	0.00165 J	OU3-B2-SB01-0406		0		0		0
1,2,3,7,8,9-HxCDF	0	3	0.02	0	0	0	None		0		0		0
1,2,3,7,8-PeCDD	1	3	0.024	0.00057	0.000571 J	0.000571 J	OU3-B2-SB01-0406		0		0		0
1,2,3,7,8-PeCDF	0	3	0.018	0	0	0	None		0		0		0
2,3,4,6,7,8-HxCDF	1	3	0.017	0.0018	0.00176 J	0.00176 J	OU3-B2-SB01-0406		0		0		0
2,3,4,7,8-PeCDF	1	3	0.011	0.0019	0.00194 J	0.00194 J	OU3-B2-SB01-0406		0		0		0
2,3,7,8-TCDD	0	3	0.013	0	0	0	None		0		0		0
2,3,7,8-TCDF	0	3	0.0091	0	0	0	None		0		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-8 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
OCDD	3	3	1.3	1.3	0.664 J	2.115 J	SA674AC-N27,E68(5.6-6.6)		0		0		0
OCDF	1	3	0.14	0.022	0.022 J	0.022 J	OU3-B2-SB01-0406		0		0		0
Total HpCDD	1	3	0.074	0.092	0.0925 J	0.0925 J	OU3-B2-SB01-0406		0		0		0
Total HpCDF	1	3	0.032	0.032	0.0315 J	0.0315 J	OU3-B2-SB01-0406		0		0		0
Total HxCDD	1	3	0.027	0.016	0.016 J	0.016 J	OU3-B2-SB01-0406		0		0		0
Total HxCDF	1	3	0.014	0.018	0.0185 J	0.0185 J	OU3-B2-SB01-0406		0		0		0
Total PeCDD	1	3	0.026	0.004	0.00398 J	0.00398 J	OU3-B2-SB01-0406		0		0		0
Total PeCDF	1	3	0.019	0.021	0.021 J	0.021 J	OU3-B2-SB01-0406		0		0		0
Total TCDD	1	3	0.014	0.002	0.00204 J	0.00204 J	OU3-B2-SB01-0406		0		0		0
Total TCDF	0	3	0.0095	0	0	0	None		0		0		0
Toxicity Equivalency	3	3	0.0016	0.0016	0.0005563	0.003409	OU3-B2-SB01-0406		0		0		0
Metals (mg/kg)													
Aluminum	10	10	12700	12700	3220	20400	OU3-B2-SB04-0406	12917.59	6		0		0
Antimony	1	4	5.4	11.6	11.6 J	11.6 J	OU3-B2-SB01-0608	2.8576923	1		0	27	0
Arsenic	10	10	5.5	5.5	1.7	13.8	OU3-B2-SB04-0406	5.6748718	3		0	10	1
Barium	10	10	65	65	5.1	164	SA654AC-N153,E164(3.9-4.2)	57.466667	5		0	4700	0
Beryllium	10	10	0.53	0.53	0.15	1.1 J	OU3-B2-SB02-0406	0.7189744	2		0	2	0
Cadmium	6	10	0.79	1.1	0.27	2.6 J	OU3-B2-SB02-0406	0.3965385	5		0	34	0
Calcium	9	10	3910	4320	1330	8140 J	OU3-B2-SB02-0406	1597.6154	8		0		0
Chromium	10	10	31.8	31.8	3.6 J	71.5 J	OU3-B2-SB04-0406	16.971795	7		0	100	0
Cobalt	10	10	9.5	9.5	1.5	20 J	OU3-B2-SB02-0406	6.3487179	7		0	1000	0
Copper	19	38	270	390	8.3 J	1200	OU3-B2-SB02-0406, OU3-B2-SB07-0608	28.79359	18		0	2500	0
Iron	10	10	21900	21900	3960	36100	OU3-B2-SB02-0406	16045.128	7		0		0
Lead	40	78	191	284	5.3 J	1280	SA654A N153,E164 (2.0-2.3)	80.758974	34		0	500	8
Magnesium	10	10	5810	5810	1140	8230	OU3-B2-SB02-1416	3251.4872	8		0		0
Manganese	10	10	251	251	41.2	576	OU3-B2-SB02-0406	306.39487	2		0	1600	0
Mercury	6	10	0.24	0.38	0.11 J	0.83 J	OU3-B2-SB04-0406	0.1105128	5		0	20	0
Nickel	10	10	22.8	22.8	2.9	61	OU3-B2-SB02-0406	12.516667	7		0	1400	0
Potassium	10	10	2460	2460	667	3600	OU3-B2-SB02-1416	961.13718	9		0		0
Selenium	2	10	0.39	0.49	0.3 J	0.68 J	SA674AC-N27,E68(5.6-6.6)	0.4988462	1		0	340	0
Silver	4	10	0.67	1.3	0.71 J	1.7 J	OU3-B2-SB02-0406	0.5078205	4		0	340	0
Sodium	9	10	3420	3790	476	10100	OU3-B2-SB01-0608	76.428205	9		0		0
Thallium	0	10	0.4	0	0	0	None	0.3678205	0		0	5.4	0
Vanadium	10	10	28.7	28.7	7	51.5	OU3-B2-SB04-0406	34.211538	3		0	470	0
Zinc	10	10	192	192	10.4 J	512 J	OU3-B2-SB02-0406	112.32308	7		0	20000	0
SPLP Metals (µg/l)													
Aluminum	4	4	40000	40000	13000 J	72900	OU3-B2-SB02-0406		0		0		0
Antimony	2	4	12.3	22.2	5	39.4	OU3-B2-SB04-0406		0	60	0		0
Arsenic	4	4	47.1	47.1	12.3	101	OU3-B2-SB04-0406		0	500	0		0
Barium	4	4	777	777	37.2 J	2240 J	OU3-B2-SB04-0406		0	10000	0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-8 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Beryllium	4	4	6.2	6.2	1.8	13.8	OU3-B2-SB02-0406		0	40	0		0
Cadmium	4	4	12.4	12.4	1.4	31.8	OU3-B2-SB02-0406		0	50	0		0
Calcium	4	4	105000	105000	22100 J	295000	OU3-B2-SB02-0406		0		0		0
Chromium	4	4	250	250	5.3 J	575 J	OU3-B2-SB04-0406		0	500	1		0
Cobalt	4	4	50.5	50.5	19.6	132	OU3-B2-SB02-0406		0		0		0
Copper	4	4	2550	2550	55.9 J	6320	OU3-B2-SB02-0406		0	13000	0		0
Iron	4	4	35600	35600	7610 J	68700	OU3-B2-SB02-0406		0		0		0
Lead	4	4	4400	4400	69.6 J	14600 J	OU3-B2-SB04-0406		0	150	3		0
Magnesium	4	4	21700	21700	13700	28700	OU3-B2-SB04-0406		0		0		0
Manganese	4	4	1450	1450	163 J	4020	OU3-B2-SB02-0406		0		0		0
Mercury	2	4	0.84	1.2	0.25 J	2.1	OU3-B2-SB04-0406		0	20	0		0
Nickel	4	4	161	161	39.6 J	354	OU3-B2-SB02-0406		0	1000	0		0
Potassium	4	4	13000	13000	7100	15800 J	OU3-B2-SB04-0406		0		0		0
Selenium	0	4	2.5	0	0	0	None		0	500	0		0
Silver	0	4	1	0	0	0	None		0	360	0		0
Sodium	4	4	65600	65600	27700	114000	OU3-B2-SB01-0406		0		0		0
Thallium	1	4	4.2	7.8	7.8	7.8	OU3-B2-SB02-0406		0	50	0		0
Vanadium	4	4	190	190	29.6	492	OU3-B2-SB04-0406		0	500	0		0
Zinc	4	4	2200	2200	161	3980	OU3-B2-SB04-0406		0	50000	0		0
Semivolatile Organic Compounds (µg/kg)													
1,2,4-Trichlorobenzene	0	10	370	0	0	0	None		0	14000	0	880000	0
1,2-Dichlorobenzene	0	10	370	0	0	0	None		0	3100	0	500000	0
1,3-Dichlorobenzene	0	10	370	0	0	0	None		0		0		0
1,4-Dichlorobenzene	0	10	370	0	0	0	None		0	15000	0	28000	0
2,2'-oxybis(1-Chloropropane)	0	10	370	0	0	0	None		0		0		0
2,4,5-Trichlorophenol	0	10	930	0	0	0	None		0		0		0
2,4,6-Trichlorophenol	0	10	370	0	0	0	None		0		0		0
2,4-Dichlorophenol	0	10	370	0	0	0	None		0		0		0
2,4-Dimethylphenol	0	10	370	0	0	0	None		0		0		0
2,4-Dinitrophenol	0	10	930	0	0	0	None		0	28000	0	1000000	0
2,4-Dinitrotoluene	0	10	370	0	0	0	None		0		0		0
2,6-Dinitrotoluene	0	10	370	0	0	0	None		0		0		0
2-Chloronaphthalene	0	10	370	0	0	0	None		0		0		0
2-Chlorophenol	0	10	370	0	0	0	None		0		0		0
2-Methylnaphthalene	2	10	360	280	280 J	290 J	SA674AC-N27,E68(5.0-6.6)		0	58000	0	1000000	0
2-Methylphenol	0	10	370	0	0	0	None		0	70000	0	1000000	0
2-Nitroaniline	0	10	930	0	0	0	None		0		0		0
2-Nitrophenol	0	10	370	0	0	0	None		0		0		0
3,3'-Dichlorobenzidine	0	10	370	0	0	0	None		0	16	0	1400	0
3-Nitroaniline	0	10	930	0	0	0	None		0		0		0
4,6-Dinitro-2-methylphenol	0	10	930	0	0	0	None		0		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-8 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
4-Bromophenyl-phenylether	0	10	370	0	0	0	None		0	82000	0	500000	0
4-Chloro-3-methylphenol	0	10	370	0	0	0	None		0	0	0	0	0
4-Chloroaniline	0	10	370	0	0	0	None		0	5600	0	270000	0
4-Chlorophenyl-phenylether	0	10	370	0	0	0	None		0		0		0
4-Methylphenol	1	10	340	56	56 J	56 J	OU3-B2-SB04-0406		0	7000	0	340000	0
4-Nitroaniline	0	10	930	0	0	0	None		0	4200	0	200000	0
4-Nitrophenol	0	10	930	0	0	0	None		0	11000	0	540000	0
Acenaphthene	2	10	470	820	250 J	1400	SA674AC-N27,E68(5.0-6.6)		0	84000	0	1000000	0
Acenaphthylene	5	10	630	970	43 J	4300 *	OU3-B2-SB04-0406		0	84000	0	1000000	0
Anthracene	5	10	600	930	50 J	3300 *	OU3-B2-SB04-0406		0	400000	0	1000000	0
Benzo(a)anthracene	8	10	1200	1500	44 J	9400 *	OU3-B2-SB04-0406		0	1000	2	1000	2
Benzo(a)pyrene	8	10	1600	1900	51 J	13000 *	OU3-B2-SB04-0406		0	1000	2	1000	2
Benzo(b)fluoranthene	8	10	1600	2000	50 J	13000 *	OU3-B2-SB04-0406		0	1000	2	1000	2
Benzo(g,h,i)perylene	5	10	610	950	66 J	3400	OU3-B2-SB04-0406		0	40000	0	1000000	0
Benzo(k)fluoranthene	7	10	770	980	51 J	4400	OU3-B2-SB04-0406		0	1000	1	8400	0
Bis(2-Chloroethoxy)methane	0	10	370	0	0	0	None		0		0		0
Bis(2-Chloroethyl)ether	0	10	370	0	0	0	None		0		0		0
bis(2-Ethylhexyl)phthalate	4	10	250	190	60 J	340 J	OU3-B2-SB02-0406		0	11000	0	44000	0
Butylbenzylphthalate	0	10	370	0	0	0	None		0	200000	0	1000000	0
Carbazole	3	10	370	550	130 J	940	OU3-B2-SB04-0406		0	360	2	31000	0
Chrysene	8	10	1800	2200	60 J	15000 *	OU3-B2-SB04-0406		0	980	2	84000	0
Di-n-Butylphthalate	2	10	300	50	48 J	53 J	OU3-B2-SB01-0608		0	140000	0	1000000	0
Di-n-octylphthalate	0	10	370	0	0	0	None		0	20000	0	1000000	0
Dibenzo(a,h)anthracene	4	10	220	110	48 J	280 J	OU3-B2-SB02-0406		0	0.96	4	84	1
Dibenzofuran	2	10	500	960	320 J	1600	SA674AC-N27,E68(5.0-6.6)		0	5600	0	270000	0
Diethylphthalate	0	10	370	0	0	0	None		0	1100000	0	1000000	0
Dimethylphthalate	0	10	370	0	0	0	None		0	14000000	0	1000000	0
Fluoranthene	9	10	2800	3100	36 J	21000 *	OU3-B2-SB04-0406		0	56000	0	1000000	0
Fluorene	3	10	410	700	140 J	1300	SA674AC-N27,E68(5.0-6.6)		0	56000	0	1000000	0
Hexachlorobenzene	0	10	370	0	0	0	None		0	1000	0	1000	0
Hexachlorobutadiene	0	10	370	0	0	0	None		0		0		0
Hexachlorocyclopentadiene	0	10	370	0	0	0	None		0		0		0
Hexachloroethane	0	10	370	0	0	0	None		0		0		0
Indeno(1,2,3-cd)pyrene	7	10	550	650	36 J	3400	OU3-B2-SB04-0406		0	9.6	7	840	1
Isophorone	0	10	370	0	0	0	None		0		0		0
N-Nitroso-di-n-propylamine	0	10	370	0	0	0	None		0	1	0	88	0
N-Nitroso-diphenylamine	0	10	370	0	0	0	None		0	1400	0	130000	0
Naphthalene	2	10	620	1600	360 J	2800	SA674AC-N27,E68(5.0-6.6)		0	56000	0	1000000	0
Nitrobenzene	0	10	370	0	0	0	None		0		0		0
Pentachlorophenol	1	10	680	200	200 J	200 J	OU3-B2-SB02-0406		0	1000	0	5100	0
Phenanthrene	8	10	1800	2200	44 J	10000 *	OU3-B2-SB04-0406		0	40000	0	1000000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-8 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Phenol	0	8	360	0	0	0	None		0	800000	0	1000000	0
Pyrene	8	10	2500	3100	99 J	20000 *	OU3-B2-SB04-0406		0	40000	0	1000000	0
Total PAH	10	10	17000	17000	36	122080	OU3-B2-SB04-0406		0		0		0
Volatile Organic Compounds (µg/kg)													
1,1,1-Trichloroethane	0	3	8	0	0	0	None		0	40000	0	500000	0
1,1,2,2-Tetrachloroethane	0	3	8	0	0	0	None		0	100	0	3100	0
1,1,2-Trichloroethane	0	3	8	0	0	0	None		0	1000	0	11000	0
1,1-Dichloroethane	0	3	8	0	0	0	None		0	14000	0	500000	0
1,2-Dichloroethane	0	3	8	0	0	0	None		0	1400	0	1000	0
1,2-Dichloroethene (total)	0	3	8	0	0	0	None		0	200	0	6700	0
1,2-Dichloropropane	0	3	8	0	0	0	None		0	14000	0	500000	0
2-Butanone	1	3	11	18	18 J	18 J	OU3-B2-SB07-0608		0		0		0
2-Hexanone	0	3	8	0	0	0	None		0	80000	0	500000	0
4-Methyl-2-Pentanone	0	3	8	0	0	0	None		0	56000	0	500000	0
Acetone	0	3	31	0	0	0	None		0	14000	0	500000	0
Benzene	0	3	8	0	0	0	None		0	140000	0	500000	0
Bromodichloromethane	0	3	8	0	0	0	None		0	200	0	21000	0
Bromoform	0	3	8	0	0	0	None		0	110	0	9900	0
Bromomethane	0	3	8	0	0	0	None		0	800	0	78000	0
Carbon Disulfide	1	2	9	12	12 J	12 J	OU3-B2-SB07-0608		0		0		0
Carbon Tetrachloride	0	3	8	0	0	0	None		0	140000	0	500000	0
Chlorobenzene	0	3	8	0	0	0	None		0		0		0
Chloroethane	0	3	8	0	0	0	None		0	20000	0	500000	0
Chloroform	0	3	8	0	0	0	None		0	2400	0	210000	0
Chloromethane	0	3	8	0	0	0	None		0	1200	0	100000	0
cis-1,3-Dichloropropene	0	3	8	0	0	0	None		0	540	0	47000	0
Dibromochloromethane	0	3	8	0	0	0	None		0		0		0
Ethylbenzene	0	3	8	0	0	0	None		0		0		0
Methylene Chloride	0	3	21	0	0	0	None		0	10100	0	500000	0
Styrene	0	3	8	0	0	0	None		0	1000	0	82000	0
Tetrachloroethene	0	3	8	0	0	0	None		0	20000	0	500000	0
Toluene	0	3	8	0	0	0	None		0	1000	0	12000	0
Total Xylenes	0	3	8	0	0	0	None		0	67000	0	500000	0
trans-1,3-Dichloropropene	0	3	8	0	0	0	None		0	19500	0	500000	0
Trichloroethene	0	3	8	0	0	0	None		0		0		0
Vinyl Chloride	0	3	8	0	0	0	None		0	1000	0	56000	0
Pesticides/PCBs (µg/kg)									0	400	0	320	0
4,4'-DDD	1	10	230	2100	2100 *	2100 *	OU3-B2-SB04-0406	4.5958333	1	29	1	2600	0
4,4'-DDE	0	10	26	0	0	0	None	16.713889	0	21	0	1800	0
4,4'-DDT	1	10	40	160	160	160	OU3-B2-SB04-0406	29.093056	1	21	1	1800	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-8 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA B - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Aldrin	0	10	13	0	0	0	None	2.4111111	0	0.41	0	38	0
alpha-BHC	0	10	13	0	0	0	None	2.4111111	0	1.1	0	97	0
alpha-Chlordane	1	10	120	1200	1200	1200	OU3-B2-SB02-0406	4.8805556	1	66	1	490	1
Aroclor, Total	4	10	7800	19000	20	77000	OU3-B2-SB02-0406		0		0		0
Aroclor, Total (Conservative)	4	10	9800	24000	278.5	96550	OU3-B2-SB02-0406		0		0		0
Aroclor-1016	0	10	260	0	0	0	None	49.932432	0		0	1000	0
Aroclor-1221	0	10	540	0	0	0	None	93.027027	0		0		0
Aroclor-1232	0	10	260	0	0	0	None	47.054054	0		0		0
Aroclor-1242	0	10	260	0	0	0	None	46.108108	0		0	1000	0
Aroclor-1248	0	10	260	0	0	0	None	46.108108	0		0	1000	0
Aroclor-1254	1	10	7700	77000	77000 *	77000 *	OU3-B2-SB02-0406	46.108108	1		0	1000	1
Aroclor-1260	0	10	260	0	0	0	None	46.108108	0		0	1000	0
Aroclor-1262	1	10	270	53	53 J	53 J	OU3-B2-SB07-0608	36.810811	1		0	1000	0
Aroclor-1268	3	10	280	83	20 J	180	OU3-B2-SB07-0608	46.108108	2		0	1000	0
beta-BHC	0	10	13	0	0	0	None	2.3861111	0	3.9	0	340	0
delta-BHC	0	10	13	0	0	0	None	2.3166667	0	1.1	0	97	0
Dieldrin	1	10	260	2600	2600 J	2600 J	OU3-B2-SB02-0406	13.083056	1	7	1	38	1
Endosulfan I	0	10	13	0	0	0	None	4.5236111	0	8400	0	410000	0
Endosulfan II	0	10	26	0	0	0	None	4.7236111	0	8400	0	410000	0
Endosulfan Sulfate	0	10	26	0	0	0	None	4.6916667	0	8400	0	410000	0
Endrin	0	10	26	0	0	0	None	4.7708333	0	0	0	20000	0
Endrin Aldehyde	0	10	26	0	0	0	None	4.5583333	0	0	0	20000	0
Endrin Ketone	0	10	26	0	0	0	None	5.3069444	0	0	0	20000	0
gamma-BHC	0	10	13	0	0	0	None	2.4111111	0	40	0	20000	0
gamma-Chlordane	0	10	13	0	0	0	None	2.6722222	0	66	0	490	0
Heptachlor	0	10	13	0	0	0	None	2.1861111	0	13	0	140	0
Heptachlor Epoxide	0	10	13	0	0	0	None	2.3319444	0	20	0	67	0
Methoxychlor	0	10	130	0	0	0	None	22.25	0	8000	0	340000	0
Toxaphene	0	10	1300	0	0	0	None	238.44722	0	600	0	560	0

Notes: CT PMC - State of Connecticut Pollutant Mobility Criteria for GB Aquifers
CT DEC - State of Connecticut Direct Exposure Criteria for Residential Soils
CT AWQC - State of Connecticut Ambient Water Quality Criteria (water and organism)

U - Not Detected; UJ - Detection Limit Aproximate, J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-9
SUMMARY STATISTICS - AREA B - BIOTA
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.		Maximum Detected Conc.		Location of Max. Detection
Mussel									
Metals (mg/kg)									
Cadmium	6	6	0.67	0.67	0.463		1.04		FC08-8284
Lead	6	6	0.16	0.16	0.102		0.353		FC09-8263
Mercury	6	6	0.033	0.033	0.0172	J	0.048	J	FC08-8294
Nickel	6	6	0.39	0.39	0.215	J	0.593		FC08-8294
Semivolatile Organic Compounds (ug/kg)									
Benzo(a)anthracene	1	5	6	10	10		10		FC01-8248
Benzo(a)pyrene	0	5	5	0	0		0		None
Benzo(b)fluoranthene	1	5	7	15	15		15		FC01-8248
Benzo(k)fluoranthene	0	5	5	0	0		0		None
Chrysene	5	5	8	8	5.98	J	11.3		FC01-8248
Dibenzo(a,h)anthracene	0	5	5	0	0		0		None
Indeno(1,2,3-cd)pyrene	0	5	5	0	0		0		None
Total PAH	5	5	13	13	5.98		36.3		FC01-8248
Pesticides/PCBs (mg/kg)									
4,4'-DDD	0	6	0.0065	0	0		0		None
4,4'-DDE	0	6	0.0045	0	0		0		None
4,4'-DDT	0	6	0.0045	0	0		0		None
Aldrin	0	6	0.0001	0	0		0		None
alpha-BHC	0	6	0.00025	0	0		0		None
Aroclor, Total	6	6	0.0071	0.0071	0.0034		0.0084		FC10-8039/253/282
Aroclor, Total (Conservative)	6	6	0.023	0.023	0.0194		0.0244		FC10-8039/253/282
Aroclor-1016	0	6	0.002	0	0		0		None
Aroclor-1221	0	6	0.002	0	0		0		None
Aroclor-1232	0	6	0.002	0	0		0		None
Aroclor-1242	0	6	0.002	0	0		0		None
Aroclor-1248	0	6	0.002	0	0		0		None
Aroclor-1254	6	6	0.0071	0.0071	0.0034	J	0.0084		FC10-8039/253/282
Aroclor-1260	0	6	0.002	0	0		0		None
Aroclor-1262	0	6	0.002	0	0		0		None
Aroclor-1268	0	6	0.002	0	0		0		None
beta-BHC	0	6	0.001	0	0		0		None
CHLOROPYRI	0	6	0.01	0	0		0		None
Dieldrin	0	6	0.0001	0	0		0		None
Endrin	0	6	0.005	0	0		0		None
gamma-BHC	0	6	0.001	0	0		0		None
Heptachlor	0	6	0.00035	0	0		0		None
Heptachlor Epoxide	0	6	0.00035	0	0		0		None
Methoxychlor	0	6	0.012	0	0		0		None
Technical Chlordane	0	6	0.01	0	0		0		None
Toxaphene	0	6	0.015	0	0		0		None

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-9 (cont.)
SUMMARY STATISTICS - AREA B - BIOTA
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.		Maximum Detected Conc.		Location of Max. Detection
Oyster									
Metals (mg/kg)									
Cadmium	7	7	0.73	0.73	0.473		1.18	J	FC06-8295
Lead	7	7	0.18	0.18	0.029	J	0.266		FC10-8256
Mercury	7	7	0.033	0.033	0.0231	J	0.0495	J	FC09-8042
Nickel	7	7	0.46	0.46	0.31	J	0.628		FC10-8256
Semivolatile Organic Compounds (ug/kg)									
Benzo(a)anthracene	0	9	5	0	0		0		None
Benzo(a)pyrene	0	9	5	0	0		0		None
Benzo(b)fluoranthene	2	9	8	11	10	J	11		FC01-8244
Benzo(k)fluoranthene	0	9	5	0	0		0		None
Chrysene	7	9	7	7	4.52	J	10.3		FC01-8244, FC11-8262
Dibenzo(a,h)anthracene	0	9	5	0	0		0		None
Indeno(1,2,3-cd)pyrene	0	9	5	0	0		0		None
Total PAH	8	9	9	9	4.52		21.3		FC01-8244
Pesticides/PCBs (mg/kg)									
4,4'-DDD	0	10	0.0085	0	0		0		None
4,4'-DDE	0	10	0.0045	0	0		0		None
4,4'-DDT	0	10	0.0045	0	0		0		None
Aldrin	0	10	0.0001	0	0		0		None
alpha-BHC	0	10	0.00025	0	0		0		None
Aroclor, Total	10	10	0.0088	0.0088	0.0063		0.015		FC04-8043
Aroclor, Total (Conservative)	10	10	0.025	0.025	0.0223		0.031		FC04-8043
Aroclor-1016	0	10	0.002	0	0		0		None
Aroclor-1221	0	10	0.002	0	0		0		None
Aroclor-1232	0	10	0.002	0	0		0		None
Aroclor-1242	0	10	0.002	0	0		0		None
Aroclor-1248	0	10	0.002	0	0		0		None
Aroclor-1254	10	10	0.0088	0.0088	0.0063		0.015		FC04-8043
Aroclor-1260	0	10	0.002	0	0		0		None
Aroclor-1262	0	10	0.002	0	0		0		None
Aroclor-1268	0	10	0.002	0	0		0		None
beta-BHC	0	10	0.001	0	0		0		None
CHLOROPYRI	0	10	0.01	0	0		0		None
Dieldrin	0	10	0.0001	0	0		0		None
Endrin	0	10	0.005	0	0		0		None
gamma-BHC	0	10	0.001	0	0		0		None
Heptachlor	0	10	0.00035	0	0		0		None
Heptachlor Epoxide	0	10	0.00035	0	0		0		None
Methoxychlor	0	10	0.012	0	0		0		None
Technical Chlordane	0	10	0.01	0	0		0		None
Toxaphene	0	10	0.015	0	0		0		None

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

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