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February 2, 2006

U. S. Environmental Protection Agency
RGP-NOI Processing
Municipal Assistance Unit (CMU)
One Congress Street, Suite 1100
Boston, MA 02114-2023

Re: Remediation General Permit – Notice of Intent
Davidsons' First Trust
255 Andover Street, Wilmington, MA
RTN #3-14814

To Whom It May Concern:

On behalf of the property owner, Davidsons' First Trust of Wausau, Wisconsin, **Cooperstown Environmental LLC** is pleased to submit this Notice of Intent for coverage under the Remediation General Permit. The Trust's property at 255 Andover Street, presently leased by Graebel/New England Movers Inc., has a groundwater remediation system operating under the auspices of the Massachusetts Contingency Plan (MCP).

The system, consisting of a tray air stripper with vapor-phase granular activated carbon, is in place to address a trichloroethylene (TCE) release from an off-site source that migrated on to the Trust's property. The system has been operating for several years under a NPDES exclusion letter. **Cooperstown Environmental LLC** recently took over operation of the system and is now submitting this NOI for coverage under the RGP.

This application package comprises the NOI form, site locus and site plan figures, and the backup analytical data required by EPA in this process.

Should you wish to discuss this submittal, please contact me at the letterhead address.

Very sincerely yours,

James T. Curtis, PE, LSP
Principal

cc: J. Mella, Ruder Ware LLC
Town of Wilmington Board of Health

Appendix V: Notice of Intent (NOI), Notice of Change (NOC), and Notice of Termination (NOT) Suggested Forms & Instructions

B. Suggested Form for Notice of Intent (NOI) for the Remediation General Permit

1. General site information. Please provide the following information about the site:

a) Name of facility/site :		Facility/site address:		
Location of facility/site : longitude: _____ latitude: _____	Facility SIC code(s):	Street:		
b) Name of facility/site owner :		Town:		
Email address of owner:		State:	Zip:	County:
Telephone no. of facility/site owner :				
Fax no. of facility/site owner :		Owner is (check one): 1. Federal _____ 2. State/Tribal _____ 3. Private _____ 4. other, if so, describe:		
Address of owner (if different from site):				
Street:				
Town:	State:	Zip:	County:	
c) Legal name of operator :	Operator telephone no:			
	Operator fax no.:		Operator email:	
Operator contact name and title:				

Address of operator (if different from owner):		Street:	
Town:	State:	Zip:	County:
d) Check "yes" or "no" for the following: 1. Has a prior NPDES permit exclusion been granted for the discharge? Yes___ No___, if "yes," number: 2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge? Yes___ No___, if "yes," date and tracking #: 3. Is the discharge a "new discharge" as defined by 40 CFR 122.2? Yes___ No___ 4. For sites in Massachusetts, is the discharge covered under the MA Contingency Plan (MCP) and exempt from state permitting? Yes___ No___			
e) Is site/facility subject to any State permitting or other action which is causing the generation of discharge? Yes___ No___ If "yes," please list: 1. site identification # assigned by the state of NH or MA: 2. permit or license # assigned: 3. state agency contact information: name, location, and telephone number:		f) Is the site/facility covered by any other EPA permit, including: 1. multi-sector storm water general permit? Y___ N___, if Y, number: 2. phase I or II construction storm water general permit? Y___ N___, if Y, number: 3. individual NPDES permit? Y___ N___, if Y, number: 4. any other water quality related permit? Y___ N___, if Y, number:	

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as needed) including:

a) Describe the discharge activities for which the owner/applicant is seeking coverage:		
b) Provide the following information about each discharge:	1) Number of discharge points:	2) What is the maximum and average flow rate of discharge (in cubic feet per second, ft ³ /s)? Max. flow_____ Average flow_____. Is maximum flow a design value ? Y___ N___ For average flow, include the units and appropriate notation if this value is a design value or estimate if not available.
3) Latitude and longitude of each discharge within 100 feet: pt.1:long.____ lat.____; pt.2: long.____ lat.____; pt.3: long.____ lat.____; pt.4:long.____ lat.____; pt.5: long.____ lat.____; pt.6:long.____ lat.____; pt.7: long.____ lat.____; pt.8:long.____ lat.____; etc.		

4) If hydrostatic testing, total volume of the discharge (gals):	5) Is the discharge intermittent _____ or seasonal _____? Is discharge ongoing Yes _____ No _____?
c) Expected dates of discharge (mm/dd/yy): start _____ end _____	
d) Please attach a line drawing or flow schematic showing water flow through the facility including: 1. sources of intake water, 2. contributing flow from the operation, 3. treatment units, and 4. discharge points and receiving waters(s).	

3. Contaminant information. In order to complete this section, the applicant will need to take a minimum of one sample of the untreated water and have it analyzed for **all** of the parameters listed in Appendix III. Historical data, (i.e., data taken no more than 2 years prior to the effective date of the permit) may be used if obtained pursuant to: i. Massachusetts' regulations 310 CMR 40.0000, the Massachusetts Contingency Plan ("Chapter 21E"); ii. New Hampshire's Title 50 RSA 485-A: Water Pollution and Waste Disposal or Title 50 RSA 485-C: Groundwater Protection Act; or iii. an EPA permit exclusion letter issued pursuant to 40 CFR 122.3, provided the data was analyzed with test methods that meet the requirements of this permit. Otherwise, a new sample shall be taken and analyzed.

a) Based on the analysis of the sample(s) of the untreated influent, the applicant must check the box of the sub-categories that the potential discharge falls within.

Gasoline Only	VOC Only	Primarily Metals	Urban Fill Sites	Contaminated Sumps	Mixed Contaminants	Aquifer Testing
Fuel Oils (and Other Oils) only	VOC with Other Contaminants	Petroleum with Other Contaminants	Listed Contaminated Sites	Contaminated Dredge Condensates	Hydrostatic Testing of Pipelines/Tanks	Well Development or Rehabilitation

b) Based on the analysis of the untreated influent, the applicant must indicate whether each listed chemical is **believed present** or **believed absent** in the potential discharge. Attach additional sheets as needed.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
1. Total Suspended Solids										
2. Total Residual Chlorine										
3. Total Petroleum Hydrocarbons										
4. Cyanide										
5. Benzene										
6. Toluene										
7. Ethylbenzene										
8. (m,p,o) Xylenes										
9. Total BTEX ⁴										

⁴BTEX = Sum of Benzene, Toluene, Ethylbenzene, total Xylenes.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min- imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
10. Ethylene Dibromide (1,2- Dibromo-methane)										
11. Methyl-tert-Butyl Ether (MtBE)										
12. tert-Butyl Alcohol (TBA)										
13. tert-Amyl Methyl Ether (TAME)										
14. Naphthalene										
15. Carbon Tetra- chloride										
16. 1,4 Dichlorobenzene										
17. 1,2 Dichlorobenzene										
18. 1,3 Dichlorobenzene										
19. 1,1 Dichloroethane										
20. 1,2 Dichloroethane										
21. 1,1 Dichloroethylene										
22. cis-1,2 Dichloro- ethylene										
23. Dichloromethane (Methylene Chloride)										
24. Tetrachloroethylene										

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily Value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
25. 1,1,1 Trichloroethane										
26. 1,1,2 Trichloroethane										
27. Trichloroethylene										
28. Vinyl Chloride										
29. Acetone										
30. 1,4 Dioxane										
31. Total Phenols										
32. Pentachlorophenol										
33. Total Phthalates ⁵ (Phthalate esthers)										
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]										
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)										
a. Benzo(a) Anthracene										
b. Benzo(a) Pyrene										
c. Benzo(b)Fluoranthene										
d. Benzo(k) Fluoranthene										
e. Chrysene										

⁵The sum of individual phthalate compounds.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min- imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
f. Dibenzo(a,h) anthracene										
g. Indeno(1,2,3-cd) Pyrene										
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)										
h. Acenaphthene										
i. Acenaphthylene										
j. Anthracene										
k. Benzo(ghi) Perylene										
l. Fluoranthene										
m. Fluorene										
n. Naphthalene-										
o. Phenanthrene										
p. Pyrene										
37. Total Polychlorinated Biphenyls (PCBs)										
38. Antimony										
39. Arsenic										
40. Cadmium										
41. Chromium III										
42. Chromium VI										

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
43. Copper										
44. Lead										
45. Mercury										
46. Nickel										
47. Selenium										
48. Silver										
49. Zinc										
50. Iron										
Other (describe):										

c) For discharges where **metals** are believed present, please fill out the following:

<i>Step 1:</i> Do any of the metals in the influent have a reasonable potential to exceed the effluent limits in Appendix III (i.e., the limits set at zero to five dilutions)? Y____ N____	If yes, which metals?
<i>Step 2:</i> For any metals which have reasonable potential to exceed the Appendix III limits, calculate the dilution factor (DF) using the formula in Part I.A.3.c) (step 2) of the NOI instructions or as determined by the State prior to the submission of this NOI. What is the dilution factor for applicable metals? Metals: _____ DF: _____	Look up the limit calculated at the corresponding dilution factor in Appendix IV. Do any of the metals in the influent have the potential to exceed the corresponding effluent limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y____ N____ If “Yes,” list which metals:

4. Treatment system information. Please describe the treatment system using separate sheets as necessary, including:

a) A description of the treatment system, including a schematic of the proposed or existing treatment system:						
b) Identify each applicable treatment unit (check all that apply):	Frac. tank	Air stripper	Oil/water separator	Equalization tanks	Bag filter	GAC filter
	Chlorination	Dechlorination	Other (please describe):			
c) Proposed average and maximum flow rates (gallons per minute) for the discharge and the design flow rate(s) (gallons per minute) of the treatment system: Average flow rate of discharge _____ Maximum flow rate of treatment system _____ Design flow rate of treatment system _____						
d) A description of chemical additives being used or planned to be used (attach MSDS sheets):						

5. Receiving surface water(s). Please provide information about the receiving water(s), using separate sheets as necessary:

a) Identify the discharge pathway:	Direct _____	Within facility__	Storm drain____	River/brook____	Wetlands _____	Other (describe):
b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters:						

c) Attach a detailed map(s) indicating the site location and location of the outfall to the receiving water:

1. For multiple discharges, number the discharges sequentially.

2. For indirect dischargers, indicate the location of the discharge to the indirect conveyance and the discharge to surface water

The map should also include the location and distance to the nearest sanitary sewer as well as the locus of nearby sensitive receptors (based on USGS topographical mapping), such as surface waters, drinking water supplies, and wetland areas.

d) Provide the state water quality classification of the receiving water _____,

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water _____ cfs

Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Yes____ No____ If yes, for which pollutant(s)?

Is there a TMDL? Yes____ No____ If yes, for which pollutant(s)?

6. Results of Consultation with Federal Services: Please provide the following information according to requirements of Part I.B.4 and Appendices II and VII.

a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes____ No____

Has any consultation with the federal services been completed? No____ or is consultation underway? Yes____ No____

What were the results of the consultation with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service (check one):

a “no jeopardy” opinion? _____ or written concurrence _____ on a finding that the discharges are not likely to adversely affect any endangered species or critical habitat?

b) Are any historic properties listed or eligible for listing on the National Register of Historic Places located on the facility or site or in proximity to the discharge?

Yes____ No____ Have any state or tribal historic preservation officer been consulted in this determination (Massachusetts only)? Yes____ No____

7. Supplemental information. :

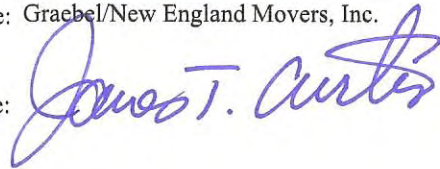
Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit.

8. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22, including the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility/Site Name: Gracbel/New England Movers, Inc.

Operator signature:



Title: Principal

Date: 02/01/06

B. Submission of NOI to EPA - All operators applying for coverage under this General Permit must submit a written Notice of Intent (NOI) to EPA. Signed and completed NOI forms and attachments must be submitted to EPA-NE at:

US Environmental Protection Agency
RGP-NOC Processing
Municipal Assistance Unit (CMU),
1 Congress Street, Suite 1100
Boston, MA 02114-2023

or electronically mailed to NPDES.Generalpermits@epa.gov,
or faxed to the EPA Office at 617-918-0505.

If filling out the suggested NOI form electronically on EPA's website, the signature page must be signed and faxed or mailed to EPA at the phone number or address listed in Section I.B. below.

1. Filing with the states - A copy of any NOI form filed with EPA-NE must also be filed with state agencies. The state agency may elect to develop a state specific form or other information requirements.

a) Discharges in Massachusetts - In addition to the NOI, permit applicants must submit copies of the State Application Form BRPWM 12, Request for General Permit coverage for the RGP. The application form and the Transmittal Form for Permit Application and Payment, may be obtained from the Massachusetts Department of Environmental Protection (MA DEP) website at www.state.ma.us/dep. Municipalities are fee-exempt, but should send a copy of the transmittal form to that address for project tracking purposes. All applicants should keep a copy of the transmittal form and a copy of the application package for their records.

1) A copy of the NOI, the transmittal form, a copy of the check, and Form BRPWM 12 should be sent to:

Massachusetts Department of Environmental Protection
Division of Watershed Management
627 Main Street, 2nd floor
Worcester, MA 01608

2) A copy of the transmittal form and the appropriate fee should be sent to:

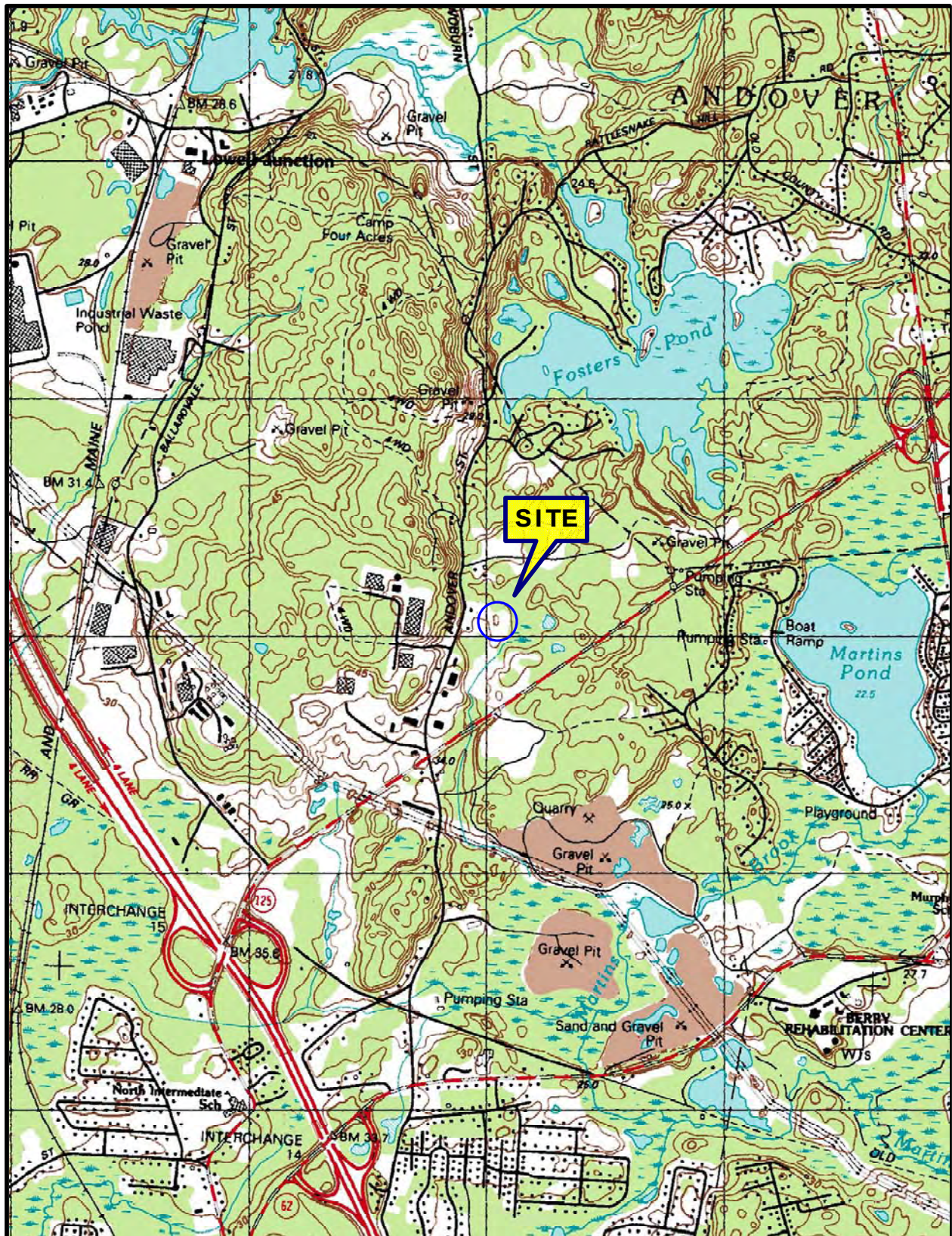
Massachusetts Department of Environmental Protection
P.O. Box 4062
Boston, MA 02111

Please note: Applicants for discharges in Massachusetts should note that under 310 CMR 40.000, *as a matter of state law*, the general permit only applies to discharges that are **not** subject to the Massachusetts Contingency Plan (MCP) and 310 CMR 40.000. Therefore, discharges subject to the MCP are **not** required to fill out and submit the State Application Form BRPWM 12 or pay the state fees. However, they must submit a NOI to EPA.

b) Discharges in New Hampshire - applicants must provide a copy of the Notice of Intent to:

New Hampshire Department of Environmental Services
Water Division
Wastewater Engineering Bureau
P.O. Box 95
Concord, New Hampshire 03302-0095.

2. Filing with Municipalities - A copy of the NOI must be submitted to the municipality in which the proposed discharge would be located.



	USGS Wilmington Quad via TopoZone December 27, 2005 FIGURE 1 - SITE LOCUS GRAEBEL/NEW ENGLAND MOVERS, INC. 255 ANDOVER STREET WILMINGTON, MASSACHUSETTS Scale: 1 inch = 2000 Feet
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MA DEP - Bureau of Waste Site Cleanup

SITE NAME:

Graebel New England Movers
255 Andover Street
WILMINGTON, MA 01887
927425n 229145ew

Site Scoring Map: 500 feet & 0.5 Mile Radii



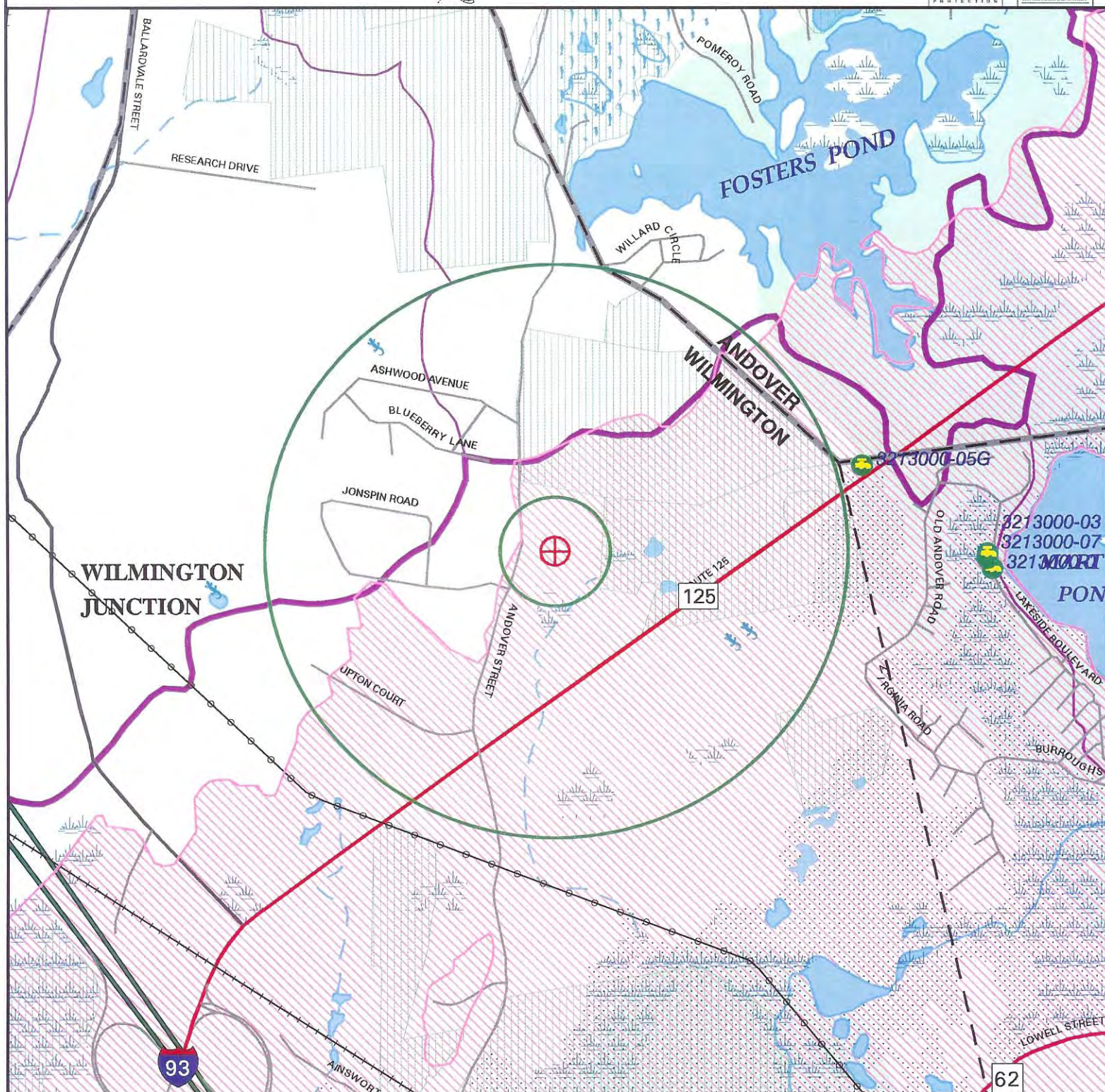
Site Location

The information shown on this map is the best available at the date of printing. Please refer to the data source descriptions document.



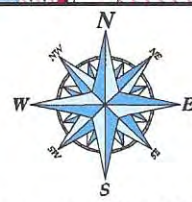
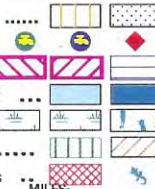
Massachusetts Executive Office of Environmental Affairs - 2006

Office of Geographic and Environmental Information



Roads: Limited Access, Divided, Major Road, Connector, Street, Track, Trail
Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct
Basins: Major, Sub; Streams: Perennial, Intermittent, Man Made Shore, Dams
Potentially Productive Aquifers: Medium, High Yield
Non-Potential Drinking Water Source Area: Medium, High Yield

EPA Sole Source Aquifer; FEMA 100-year floodplain
Public Water Supplies: Ground, Surface, Non Community
Approved Zone 2; IWPA; Surface Water Supply Zone A
Hydrography: Water Features, Public Surface Water Supply
Wetlands: Fresh, Salt, NHESP Wetlands Habitat
Protected Open Space; ACEC
DEP Permitted Solid Waste Facilities; Certified Vernal Pools

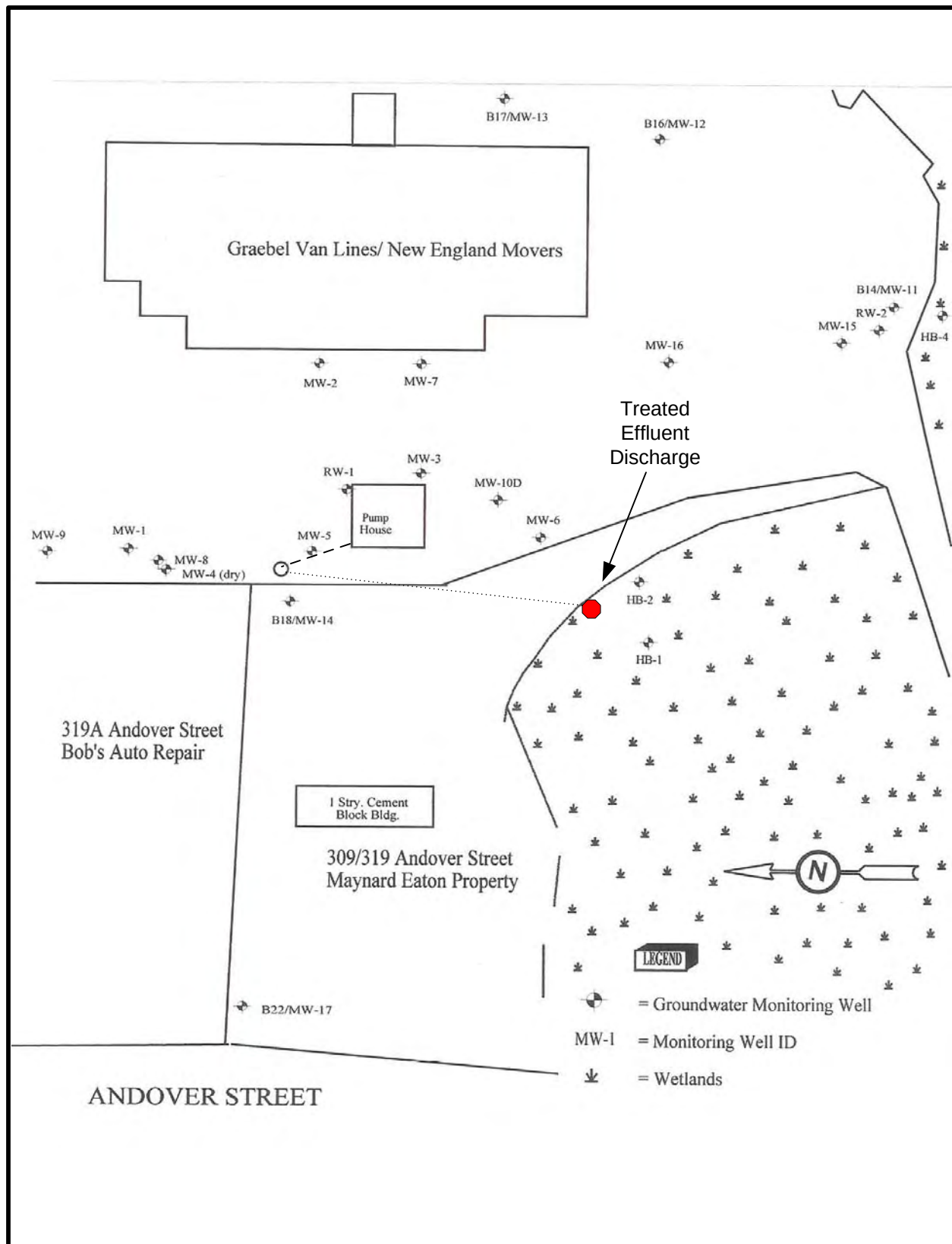


SCALE 1:15000

0 1/2 1 KILOMETERS

0 1/2 1 MILES

January 10, 2006



December 28, 2005

Mr. Michael Amaral
Chief of Endangered Species
U.S. Fish and Wildlife Service
70 Commercial Street, Suite #300
Concord, NH 03301

RE: Request for Consult
Application for USEPA NPDES Remediation General Permit
255 Andover Street, Wilmington MA

Dear Mr. Amaral:

REQUEST: **Cooperstown Environmental LLC** requests a consult related to an EPA NPDES permit application we are preparing for a discharge to surface water. Section 6 of the Remediation General Permit – Notice of Intent, requires that we consult with the US Fish and Wildlife Service to determine if the discharge could adversely affect endangered species, designated critical habitat, or essential fish habitat.

SCOPE OF PROJECT: EPA recently promulgated the Remediation General Permit, for which the property owner is now applying. The permit application is for an existing, indirect point discharge into a storm sewer that drains to wetlands. The discharge is the treated effluent from a treatment system that is removing volatile organic compounds (VOCs) from groundwater. The system has been in operation since 2001 under an EPA NPDES exclusion (i.e., a permit has not been required) and treats less than 10 gallons per minute (gpm). Effluent VOC concentrations are typically below laboratory detection limits.

PROJECT LOCATION: Attached is a locus map indicating the discharge point on a USGS Quadrangle map [lat 42° 35' 48", long -71° 8' 42"]. The street address is 255 Andover Street, Wilmington, MA 01887. The effluent is discharged to a storm sewer that flows into an adjacent wetland and eventually drains to Martin's Brook.

Please feel free to call me at (978/689-5933) with any questions you may have regarding this request. Thank you for your time.

Sincerely,
Cooperstown Environmental LLC

Susan Curtis
Managing Principal

cc: J. Mella, Esq., Ruder Ware LLC



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New England Field Office
70 Commercial Street, Suite 300
Concord, New Hampshire 03301-5087



January 30, 2006

Reference:

Project

NOI, NPDES remediation general permit

Location

Wilmington, MA

Susan Curtis
Cooperstown Environmental LLC
P.O. Box 4232
Andover, MA 01810-0814

Dear Ms. Curtis:

This responds to your recent correspondence requesting information on the presence of federally-listed and/or proposed endangered or threatened species in relation to the proposed activity(ies) referenced above.

Based on information currently available to us, no federally-listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under Section 7 of the Endangered Species Act is not required.

This concludes our review of listed species and critical habitat in the project location(s) and environs referenced above. No further Endangered Species Act coordination of this type is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your coordination. Please contact us at 603-223-2541 if we can be of further assistance.

Sincerely yours,

Michael J. Amaral

Michael J. Amaral
Endangered Species Specialist
New England Field Office

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alpha lab.com

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: Cooperstown Environmental LLC

Laboratory Job Number: L0600336

Address: PO Box 4232

Andover, MA 01810-0814

Date Received: 10-JAN-2006

Attn: Mr. Jim Curtis

Date Reported: 17-JAN-2006

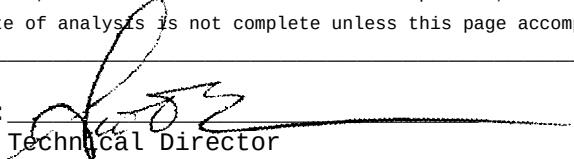
Project Number:

Delivery Method: Alpha

Site: NPDES PERMIT

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0600336-01	INF	255 ANDOVER ST.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized by: 
Technical Director

**ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT**

Laboratory Job Number: L0600336

Metals

The WG226453-2 MS % recovery for Se is outside the acceptance criteria for the method. A post analytical spike was performed with an acceptable recovery of 111% for Se.

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0600336-01

Date Collected: 10-JAN-2006 07:45

INF

Date Received : 10-JAN-2006

Sample Matrix: WATER

Date Reported : 17-JAN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 9-Amber,4-Plastic,4-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Solids, Total Suspended	ND	mg/l	5.0	4 160.2		0111 10:30	DT
Cyanide, Total	ND	mg/l	0.005	4 335.2	0112 10:00	0112 16:29	DD
Chlorine, Total Residual	ND	mg/l	0.05	4 330.1		0110 15:30	DD
TPH	ND	mg/l	4.00	74 1664A	0112 10:30	0116 12:00	AT
Phenolics, Total	ND	mg/l	0.03	4 420.1		0116 11:00	AT
Chromium, Hexavalent	ND	mg/l	0.02	30 3500CR-D	0110 22:00	0110 22:00	HS
Total Metals				19 200.7			
Antimony, Total	ND	mg/l	0.005	3 200.9	0111 15:00	0112 15:24	PY
Arsenic, Total	ND	mg/l	0.005	19 200.7	0111 15:00	0112 09:17	MG
Cadmium, Total	0.0003	mg/l	0.0002	4 213.2	0111 15:00	0116 12:20	PY
Chromium, Total	ND	mg/l	0.01	19 200.7	0111 15:00	0112 09:17	MG
Copper, Total	ND	mg/l	0.01	19 200.7	0111 15:00	0112 09:17	MG
Iron, Total	0.18	mg/l	0.05	19 200.7	0111 15:00	0112 09:17	MG
Lead, Total	ND	mg/l	0.001	3 200.9	0111 15:00	0116 16:11	PY
Mercury, Total	ND	mg/l	0.0002	4 245.2	0112 16:10	0113 14:14	DM
Nickel, Total	ND	mg/l	0.025	19 200.7	0111 15:00	0112 09:17	MG
Selenium, Total	ND	mg/l	0.005	19 200.7	0111 15:00	0112 09:17	MG
Silver, Total	ND	mg/l	0.0004	4 272.2	0111 15:00	0116 19:04	PY
Zinc, Total	ND	mg/l	0.050	19 200.7	0111 15:00	0112 09:17	MG
Pesticides by GC 504				14 504.1	0117 12:22	0117 14:43	JB
1,2-Dibromoethane	ND	ug/l	0.019				
Volatile Organics by GC/MS 624				5 624		0112 12:30	MM
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	4.7	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	2.8	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0600336-01
INF

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by GC/MS 624 cont'd				5 624	0112 12:30 MM	
Tetrachloroethene	ND	ug/l	1.5			
Chlorobenzene	ND	ug/l	3.5			
Trichlorofluoromethane	ND	ug/l	5.0			
1,2-Dichloroethane	ND	ug/l	1.5			
1,1,1-Trichloroethane	ND	ug/l	2.0			
Bromodichloromethane	4.9	ug/l	1.0			
trans-1,3-Dichloropropene	ND	ug/l	1.5			
cis-1,3-Dichloropropene	ND	ug/l	1.5			
Bromoform	ND	ug/l	1.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0			
Benzene	ND	ug/l	1.0			
Toluene	ND	ug/l	1.0			
Ethylbenzene	ND	ug/l	1.0			
Chloromethane	ND	ug/l	10.			
Bromomethane	ND	ug/l	5.0			
Vinyl chloride	ND	ug/l	2.0			
Chloroethane	ND	ug/l	2.0			
1,1-Dichloroethene	ND	ug/l	1.0			
trans-1,2-Dichloroethene	ND	ug/l	1.5			
cis-1,2-Dichloroethene	ND	ug/l	1.0			
Trichloroethene	5.3	ug/l	1.0			
1,2-Dichlorobenzene	ND	ug/l	5.0			
1,3-Dichlorobenzene	ND	ug/l	5.0			
1,4-Dichlorobenzene	ND	ug/l	5.0			
p/m-Xylene	ND	ug/l	2.0			
o-xylene	ND	ug/l	1.0			
Xylene (Total)	ND	ug/l	2.0			
Styrene	ND	ug/l	1.0			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	5.0			
2-Butanone	ND	ug/l	10.			
Vinyl acetate	ND	ug/l	20.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Acrolein	ND	ug/l	8.0			
Acrylonitrile	ND	ug/l	10.			
Methyl tert butyl ether	ND	ug/l	20.			
1,4-Dioxane	ND	ug/l	2000			
Tert-Butyl Alcohol	ND	ug/l	100			
Tertiary-Amyl Methyl Ether	ND	ug/l	20.			
Surrogate(s)	Recovery		QC Criteria			
Pentafluorobenzene	93.0	%	80-120			
Fluorobenzene	95.0	%	80-120			
4-Bromofluorobenzene	100.	%	80-120			
SVOC's by GC/MS 8270				1 8270C	0111 13:00 0113 00:49 RL	
Acenaphthene	ND	ug/l	4.8			
Benzidine	ND	ug/l	48.			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0600336-01
INF

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
SVOC's by GC/MS 8270 cont'd				1	8270C	0111 13:00	0113 00:49 RL
1,2,4-Trichlorobenzene	ND	ug/l	4.8				
Hexachlorobenzene	ND	ug/l	4.8				
Bis(2-chloroethyl)ether	ND	ug/l	4.8				
1-Chloronaphthalene	ND	ug/l	4.8				
2-Chloronaphthalene	ND	ug/l	5.8				
1,2-Dichlorobenzene	ND	ug/l	4.8				
1,3-Dichlorobenzene	ND	ug/l	4.8				
1,4-Dichlorobenzene	ND	ug/l	4.8				
3,3'-Dichlorobenzidine	ND	ug/l	48.				
2,4-Dinitrotoluene	ND	ug/l	5.8				
2,6-Dinitrotoluene	ND	ug/l	4.8				
Azobenzene	ND	ug/l	4.8				
Fluoranthene	ND	ug/l	4.8				
4-Chlorophenyl phenyl ether	ND	ug/l	4.8				
4-Bromophenyl phenyl ether	ND	ug/l	4.8				
Bis(2-chloroisopropyl)ether	ND	ug/l	4.8				
Bis(2-chloroethoxy)methane	ND	ug/l	4.8				
Hexachlorobutadiene	ND	ug/l	9.7				
Hexachlorocyclopentadiene	ND	ug/l	9.7				
Hexachloroethane	ND	ug/l	4.8				
Isophorone	ND	ug/l	4.8				
Naphthalene	ND	ug/l	4.8				
Nitrobenzene	ND	ug/l	4.8				
NDPA/DPA	ND	ug/l	14.				
n-Nitrosodi-n-propylamine	ND	ug/l	4.8				
Bis(2-ethylhexyl)phthalate	ND	ug/l	9.7				
Butyl benzyl phthalate	ND	ug/l	4.8				
Di-n-butylphthalate	ND	ug/l	4.8				
Di-n-octylphthalate	ND	ug/l	4.8				
Diethyl phthalate	ND	ug/l	4.8				
Dimethyl phthalate	ND	ug/l	4.8				
Benzo(a)anthracene	ND	ug/l	4.8				
Benzo(a)pyrene	ND	ug/l	4.8				
Benzo(b)fluoranthene	ND	ug/l	4.8				
Benzo(k)fluoranthene	ND	ug/l	4.8				
Chrysene	ND	ug/l	4.8				
Acenaphthylene	ND	ug/l	4.8				
Anthracene	ND	ug/l	4.8				
Benzo(ghi)perylene	ND	ug/l	4.8				
Fluorene	ND	ug/l	4.8				
Phenanthrene	ND	ug/l	4.8				
Dibenzo(a,h)anthracene	ND	ug/l	4.8				
Indeno(1,2,3-cd)pyrene	ND	ug/l	6.8				
Pyrene	ND	ug/l	4.8				
Benzo(e)pyrene	ND	ug/l	4.8				
Biphenyl	ND	ug/l	4.8				
Perylene	ND	ug/l	4.8				
Aniline	ND	ug/l	9.7				
4-Chloroaniline	ND	ug/l	4.8				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0600336-01
INF

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
SVOC's by GC/MS 8270 cont'd				1	8270C	0111 13:00	0113 00:49 RL
1-Methylnaphthalene	ND	ug/l	4.8				
2-Nitroaniline	ND	ug/l	4.8				
3-Nitroaniline	ND	ug/l	4.8				
4-Nitroaniline	ND	ug/l	6.8				
Dibenzofuran	ND	ug/l	4.8				
a,a-Dimethylphenethylamine	ND	ug/l	48.				
Hexachloropropene	ND	ug/l	9.7				
Nitrosodi-n-butylamine	ND	ug/l	9.7				
2-Methylnaphthalene	ND	ug/l	4.8				
1,2,4,5-Tetrachlorobenzene	ND	ug/l	19.				
Pentachlorobenzene	ND	ug/l	19.				
a-Naphthylamine	ND	ug/l	19.				
b-Naphthylamine	ND	ug/l	19.				
Phenacetin	ND	ug/l	9.7				
Dimethoate	ND	ug/l	19.				
4-Aminobiphenyl	ND	ug/l	9.7				
Pentachloronitrobenzene	ND	ug/l	9.7				
Isodrin	ND	ug/l	9.7				
p-Dimethylaminoazobenzene	ND	ug/l	9.7				
Chlorobenzilate	ND	ug/l	19.				
3-Methylcholanthrene	ND	ug/l	19.				
Ethyl Methanesulfonate	ND	ug/l	14.				
Acetophenone	ND	ug/l	19.				
Nitrosodipiperidine	ND	ug/l	19.				
7,12-Dimethylbenz(a)anthracene	ND	ug/l	9.7				
n-Nitrosodimethylamine	ND	ug/l	48.				
2,4,6-Trichlorophenol	ND	ug/l	4.8				
p-Chloro-m-cresol	ND	ug/l	4.8				
2-Chlorophenol	ND	ug/l	5.8				
2,4-Dichlorophenol	ND	ug/l	9.7				
2,4-Dimethylphenol	ND	ug/l	9.7				
2-Nitrophenol	ND	ug/l	19.				
4-Nitrophenol	ND	ug/l	9.7				
2,4-Dinitrophenol	ND	ug/l	19.				
4,6-Dinitro-o-cresol	ND	ug/l	19.				
Pentachlorophenol	ND	ug/l	19.				
Phenol	ND	ug/l	6.8				
2-Methylphenol	ND	ug/l	5.8				
3-Methylphenol/4-Methylphenol	ND	ug/l	5.8				
2,4,5-Trichlorophenol	ND	ug/l	4.8				
2,6-Dichlorophenol	ND	ug/l	9.7				
Benzoic Acid	ND	ug/l	48.				
Benzyl Alcohol	ND	ug/l	9.7				
Carbazole	ND	ug/l	4.8				
Pyridine	ND	ug/l	48.				
2-Picoline	ND	ug/l	19.				
Pronamide	ND	ug/l	19.				
Methyl methanesulfonate	ND	ug/l	19.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0600336-01
INF

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
SVOC's by GC/MS 8270 cont'd						
				1 8270C	0111 13:00 0113 00:49 RL	
Surrogate(s)	Recovery		QC Criteria			
2-Fluorophenol	49.0	%	21-120			
Phenol-d6	39.0	%	10-120			
Nitrobenzene-d5	77.0	%	23-120			
2-Fluorobiphenyl	80.0	%	43-120			
2,4,6-Tribromophenol	96.0	%	10-120			
4-Terphenyl-d14	91.0	%	33-120			
PAH by GC/MS SIM 8270M						
				1 8270C-M	0111 13:00 0112 17:45 RL	
Acenaphthene	ND	ug/l	0.19			
2-Chloronaphthalene	ND	ug/l	0.19			
Fluoranthene	ND	ug/l	0.19			
Hexachlorobutadiene	ND	ug/l	0.48			
Naphthalene	ND	ug/l	0.19			
Benzo(a)anthracene	ND	ug/l	0.19			
Benzo(a)pyrene	ND	ug/l	0.19			
Benzo(b)fluoranthene	ND	ug/l	0.19			
Benzo(k)fluoranthene	ND	ug/l	0.19			
Chrysene	ND	ug/l	0.19			
Acenaphthylene	ND	ug/l	0.19			
Anthracene	ND	ug/l	0.19			
Benzo(ghi)perylene	ND	ug/l	0.19			
Fluorene	ND	ug/l	0.19			
Phenanthrene	ND	ug/l	0.19			
Dibenzo(a,h)anthracene	ND	ug/l	0.19			
Indeno(1,2,3-cd)Pyrene	ND	ug/l	0.19			
Pyrene	ND	ug/l	0.19			
1-Methylnaphthalene	ND	ug/l	0.19			
2-Methylnaphthalene	ND	ug/l	0.19			
Pentachlorophenol	ND	ug/l	0.78			
Hexachlorobenzene	ND	ug/l	0.78			
Perylene	ND	ug/l	0.19			
Biphenyl	ND	ug/l	0.19			
2,6-Dimethylnaphthalene	ND	ug/l	0.19			
1-Methylphenanthrene	ND	ug/l	0.19			
Benzo(e)Pyrene	ND	ug/l	0.19			
Hexachloroethane	ND	ug/l	0.78			
Surrogate(s)	Recovery		QC Criteria			
2-Fluorophenol	61.0	%	21-120			
Phenol-d6	47.0	%	10-120			
Nitrobenzene-d5	87.0	%	23-120			
2-Fluorobiphenyl	77.0	%	43-120			
2,4,6-Tribromophenol	76.0	%	10-120			
4-Terphenyl-d14	93.0	%	33-120			
Polychlorinated Biphenyls						
				5 608	0111 15:00 0113 03:24 SS	
Aroclor 1221	ND	ug/l	0.260			
Aroclor 1232	ND	ug/l	0.260			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0600336-01
INF

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Polychlorinated Biphenyls cont'd				5	608	0111 15:00	0113 03:24 SS
Aroclor 1242/1016	ND	ug/l	0.260				
Aroclor 1248	ND	ug/l	0.260				
Aroclor 1254	ND	ug/l	0.260				
Aroclor 1260	ND	ug/l	0.260				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	76.0	%	30-150				
Decachlorobiphenyl	93.0	%	30-150				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0600336

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Solids, Total Suspended for sample(s) 01 (L0600286-01, WG226373-2)					
Solids, Total Suspended	8400	8400	mg/l	0	20
Cyanide, Total for sample(s) 01 (L0600027-04, WG226510-4)					
Cyanide, Total	ND	ND	mg/l	NC	30
Chlorine, Total Residual for sample(s) 01 (L0600286-01, WG226276-3)					
Chlorine, Total Residual	ND	ND	mg/l	NC	
TPH for sample(s) 01 (L0600286-01, WG226816-4)					
TPH	20.0	21.6	mg/l	8	34
Phenolics, Total for sample(s) 01 (L0600518-01, WG226902-4)					
Phenolics, Total	ND	ND	mg/l	NC	
Chromium, Hexavalent for sample(s) 01 (L0600336-01, WG226340-3)					
Chromium, Hexavalent	ND	ND	mg/l	NC	
Total Metals for sample(s) 01 (L0600336-01, WG226453-1)					
Antimony, Total	ND	ND	mg/l	NC	
Arsenic, Total	ND	ND	mg/l	NC	
Cadmium, Total	0.0003	0.0003	mg/l	0	
Chromium, Total	ND	ND	mg/l	NC	
Copper, Total	ND	ND	mg/l	NC	
Iron, Total	0.18	0.07	mg/l	83	
Lead, Total	ND	ND	mg/l	NC	
Nickel, Total	ND	ND	mg/l	NC	
Selenium, Total	ND	ND	mg/l	NC	
Silver, Total	ND	ND	mg/l	NC	
Zinc, Total	ND	ND	mg/l	NC	
Total Metals for sample(s) 01 (L0600336-01, WG226571-3)					
Mercury, Total	ND	ND	mg/l	NC	
Volatile Organics by GC/MS 624 for sample(s) 01 (L0600336-01, WG226636-2)					
Methylene chloride	ND	ND	ug/l	NC	30
1,1-Dichloroethane	ND	ND	ug/l	NC	30
Chloroform	4.7	3.8	ug/l	21	30
Carbon tetrachloride	ND	ND	ug/l	NC	30
1,2-Dichloropropane	ND	ND	ug/l	NC	30
Dibromochloromethane	2.8	2.2	ug/l	24	30
1,1,2-Trichloroethane	ND	ND	ug/l	NC	30
2-Chloroethylvinyl ether	ND	ND	ug/l	NC	30
Tetrachloroethene	ND	ND	ug/l	NC	30
Chlorobenzene	ND	ND	ug/l	NC	30
Trichlorofluoromethane	ND	ND	ug/l	NC	30
1,2-Dichloroethane	ND	ND	ug/l	NC	30
1,1,1-Trichloroethane	ND	ND	ug/l	NC	30
Bromodichloromethane	4.9	4.0	ug/l	20	30

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0600336

Continued

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Volatile Organics by GC/MS 624 for sample(s) 01 (L0600336-01, WG226636-2)					
trans-1,3-Dichloropropene	ND	ND	ug/l	NC	30
cis-1,3-Dichloropropene	ND	ND	ug/l	NC	30
Bromoform	ND	ND	ug/l	NC	30
1,1,2,2-Tetrachloroethane	ND	ND	ug/l	NC	30
Benzene	ND	ND	ug/l	NC	30
Toluene	ND	ND	ug/l	NC	30
Ethylbenzene	ND	ND	ug/l	NC	30
Chloromethane	ND	ND	ug/l	NC	30
Bromomethane	ND	ND	ug/l	NC	30
Vinyl chloride	ND	ND	ug/l	NC	30
Chloroethane	ND	ND	ug/l	NC	30
1,1-Dichloroethene	ND	ND	ug/l	NC	30
trans-1,2-Dichloroethene	ND	ND	ug/l	NC	30
cis-1,2-Dichloroethene	ND	ND	ug/l	NC	30
Trichloroethene	5.3	4.3	ug/l	21	30
1,2-Dichlorobenzene	ND	ND	ug/l	NC	30
1,3-Dichlorobenzene	ND	ND	ug/l	NC	30
1,4-Dichlorobenzene	ND	ND	ug/l	NC	30
p/m-Xylene	ND	ND	ug/l	NC	30
o-Xylene	ND	ND	ug/l	NC	30
XYLENE (TOTAL)	ND	ND	ug/l	NC	30
Styrene	ND	ND	ug/l	NC	30
Acetone	ND	ND	ug/l	NC	30
Carbon disulfide	ND	ND	ug/l	NC	30
2-Butanone	ND	ND	ug/l	NC	30
Vinyl acetate	ND	ND	ug/l	NC	30
4-Methyl-2-pentanone	ND	ND	ug/l	NC	30
2-Hexanone	ND	ND	ug/l	NC	30
Acrolein	ND	ND	ug/l	NC	30
Acrylonitrile	ND	ND	ug/l	NC	30
Surrogate(s)	Recovery			QC Criteria	
Pentafluorobenzene	93.0	99.0	%	80-120	
Fluorobenzene	95.0	98.0	%	80-120	
4-Bromofluorobenzene	100.	102.	%	80-120	
Polychlorinated Biphenyls for sample(s) 01 (L0600336-01, WG226435-4)					
Aroclor 1221	ND	ND	ug/l	NC	30
Aroclor 1232	ND	ND	ug/l	NC	30
Aroclor 1242/1016	ND	ND	ug/l	NC	30
Aroclor 1248	ND	ND	ug/l	NC	30
Aroclor 1254	ND	ND	ug/l	NC	30
Aroclor 1260	ND	ND	ug/l	NC	30
Surrogate(s)	Recovery			QC Criteria	
2,4,5,6-Tetrachloro-m-xylene	76.0	79.0	%	30-150	
Decachlorobiphenyl	93.0	86.0	%	30-150	

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0600336

Parameter	% Recovery	QC Criteria
Cyanide, Total LCS for sample(s) 01 (WG226510-2)		
Cyanide, Total	104	90-110
Chlorine, Total Residual LCS for sample(s) 01 (WG226276-1)		
Chlorine, Total Residual	105	
TPH LCS for sample(s) 01 (WG226816-2)		
TPH	85	64-132
Phenolics, Total LCS for sample(s) 01 (WG226902-2)		
Phenolics, Total	94	
Chromium, Hexavalent LCS for sample(s) 01 (WG226340-2)		
Chromium, Hexavalent	103	
Total Metals LCS for sample(s) 01 (WG226453-4)		
Antimony, Total	99	
Arsenic, Total	101	
Cadmium, Total	99	
Chromium, Total	90	
Copper, Total	88	
Iron, Total	86	
Lead, Total	107	
Nickel, Total	91	
Selenium, Total	117	
Silver, Total	104	
Zinc, Total	95	
Total Metals LCS for sample(s) 01 (WG226571-1)		
Mercury, Total	97	
Pesticides by GC 504 LCS for sample(s) 01 (WG226960-2)		
1,2-Dibromoethane	98	
Volatile Organics by GC/MS 624 LCS for sample(s) 01 (WG226636-3)		
Methylene chloride	90	10-221
1,1-Dichloroethane	90	59-155
Chloroform	85	51-138
Carbon tetrachloride	89	70-140
1,2-Dichloropropane	90	10-210
Dibromochloromethane	93	53-149
1,1,2-Trichloroethane	95	52-150
2-Chloroethylvinyl ether	96	10-305
Tetrachloroethene	98	64-148
Chlorobenzene	105	37-160
Trichlorofluoromethane	98	17-181
1,2-Dichloroethane	87	49-155
1,1,1-Trichloroethane	89	52-162
Bromodichloromethane	89	35-155

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0600336

Continued

Parameter	% Recovery	QC Criteria
Volatile Organics by GC/MS 624 LCS for sample(s) 01 (WG226636-3)		
trans-1,3-Dichloropropene	84	17-183
cis-1,3-Dichloropropene	91	10-227
Bromoform	94	45-169
1,1,2,2-Tetrachloroethane	96	46-157
Benzene	95	37-151
Toluene	99	47-150
Ethylbenzene	112	37-162
Chloromethane	65	10-273
Bromomethane	98	10-242
Vinyl chloride	91	10-251
Chloroethane	102	14-230
1,1-Dichloroethene	91	10-234
trans-1,2-Dichloroethene	88	54-156
cis-1,2-Dichloroethene	93	60-140
Trichloroethene	94	71-157
1,2-Dichlorobenzene	105	18-190
1,3-Dichlorobenzene	107	59-156
1,4-Dichlorobenzene	106	18-190
p/m-Xylene	116	40-160
o-Xylene	114	40-160
XYLENE (TOTAL)	116	40-160
Styrene	100	40-160
Acetone	92	40-160
Carbon disulfide	82	40-160
2-Butanone	78	40-160
Vinyl acetate	140	40-160
4-Methyl-2-pentanone	108	40-160
2-Hexanone	99	40-160
Acrolein	87	40-160
Acrylonitrile	85	40-160
Surrogate(s)		
Pentafluorobenzene	104	80-120
Fluorobenzene	100	80-120
4-Bromofluorobenzene	110	80-120
SVOC's by GC/MS 8270 LCS for sample(s) 01 (WG226419-2)		
Acenaphthene	66	46-118
1,2,4-Trichlorobenzene	64	39-98
2-Chloronaphthalene	68	40-140
1,2-Dichlorobenzene	53	40-140
1,4-Dichlorobenzene	52	36-97
2,4-Dinitrotoluene	86	24-96
2,6-Dinitrotoluene	86	40-140
Fluoranthene	84	40-140
4-Chlorophenyl phenyl ether	74	40-140
n-Nitrosodi-n-propylamine	49	41-116
Butyl benzyl phthalate	82	40-140

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0600336

Continued

Parameter	% Recovery	QC Criteria
SVOC's by GC/MS 8270 LCS for sample(s) 01 (WG226419-2)		
Anthracene	53	40-140
Pyrene	80	26-127
Hexachloropropene	64	40-140
P-Chloro-M-Cresol	70	23-97
2-Chlorophenol	58	27-123
2-Nitrophenol	66	30-130
4-Nitrophenol	44	10-80
2,4-Dinitrophenol	81	30-130
Pentachlorophenol	77	9-103
Phenol	24	12-110
Surrogate(s)		
2-Fluorophenol	39	21-120
Phenol-d6	33	10-120
Nitrobenzene-d5	61	23-120
2-Fluorobiphenyl	70	43-120
2,4,6-Tribromophenol	93	10-120
4-Terphenyl-d14	90	33-120
PAH by GC/MS SIM 8270M LCS for sample(s) 01 (WG226420-2)		
Acenaphthene	71	46-118
2-Chloronaphthalene	84	
Fluoranthene	92	
Anthracene	58	
Pyrene	93	26-127
Pentachlorophenol	76	9-103
Surrogate(s)		
2-Fluorophenol	61	21-120
Phenol-d6	47	10-120
Nitrobenzene-d5	88	23-120
2-Fluorobiphenyl	73	43-120
2,4,6-Tribromophenol	77	10-120
4-Terphenyl-d14	81	33-120
Polychlorinated Biphenyls LCS for sample(s) 01 (WG226435-2)		
Aroclor 1242/1016	74	30-150
Aroclor 1260	83	30-150
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	76	30-150
Decachlorobiphenyl	72	30-150
Cyanide, Total SPIKE for sample(s) 01 (L0600027-02, WG226510-3)		
Cyanide, Total	105	80-120

**ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES**

Laboratory Job Number: L0600336

Continued

Parameter	% Recovery	QC Criteria
TPH SPIKE for sample(s) 01 (L0600336-01, WG226816-3)		
TPH	83	64-132
Phenolics, Total SPIKE for sample(s) 01 (L0600384-02, WG226902-3)		
Phenolics, Total	90	
Chromium, Hexavalent SPIKE for sample(s) 01 (L0600336-01, WG226340-4)		
Chromium, Hexavalent	105	
Total Metals SPIKE for sample(s) 01 (L0600336-01, WG226453-2)		
Antimony, Total	99	
Arsenic, Total	114	
Cadmium, Total	99	
Chromium, Total	95	
Copper, Total	100	
Iron, Total	82	
Lead, Total	106	
Nickel, Total	102	
Selenium, Total	135	
Silver, Total	106	
Zinc, Total	111	
Total Metals SPIKE for sample(s) 01 (L0600336-01, WG226571-2)		
Mercury, Total	110	
Pesticides by GC 504 SPIKE for sample(s) 01 (L0600336-01, WG226960-3)		
1,2-Dibromoethane	90	
Volatile Organics by GC/MS 624 SPIKE for sample(s) 01 (L0600336-01, WG226636-1)		
Methylene chloride	107	10-221
1,1-Dichloroethane	106	59-155
Chloroform	99	51-138
Carbon tetrachloride	104	70-140
1,2-Dichloropropane	110	10-210
Dibromochloromethane	120	53-149
1,1,2-Trichloroethane	121	52-150
2-Chloroethylvinyl ether	92	10-305
Tetrachloroethene	114	64-148
Chlorobenzene	111	37-160
Trichlorofluoromethane	112	17-181
1,2-Dichloroethane	109	49-155
1,1,1-Trichloroethane	109	52-162
Bromodichloromethane	110	35-155
trans-1,3-Dichloropropene	108	17-183
cis-1,3-Dichloropropene	112	10-227
Bromoform	116	45-169
1,1,2,2-Tetrachloroethane	117	46-157
Benzene	115	35-151
Toluene	117	47-150

**ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES**

Laboratory Job Number: L0600336

Continued

Parameter	% Recovery	QC Criteria
Volatile Organics by GC/MS 624 SPIKE for sample(s) 01 (L0600336-01, WG226636-1)		
Ethylbenzene	118	37-162
Chloromethane	96	10-273
Bromomethane	96	10-242
Vinyl chloride	108	10-251
Chloroethane	117	14-230
1,1-Dichloroethene	105	10-234
trans-1,2-Dichloroethene	109	54-156
cis-1,2-Dichloroethene	112	60-140
Trichloroethene	113	71-157
1,2-Dichlorobenzene	114	18-190
1,3-Dichlorobenzene	115	59-156
1,4-Dichlorobenzene	114	18-190
p/m-Xylene	120	40-160
o-Xylene	119	40-160
XYLENE (TOTAL)	120	40-160
Styrene	108	40-160
Acetone	105	40-160
Carbon disulfide	105	40-160
2-Butanone	101	40-160
Vinyl acetate	146	40-160
4-Methyl-2-pentanone	121	40-160
2-Hexanone	114	40-160
Acrolein	85	40-160
Acrylonitrile	86	40-160
Surrogate(s)		
Pentafluorobenzene	100	80-120
Fluorobenzene	100	80-120
4-Bromofluorobenzene	97	80-120
Polychlorinated Biphenyls SPIKE for sample(s) 01 (L0600336-01, WG226435-3)		
Aroclor 1242/1016	80	30-150
Aroclor 1260	88	30-150
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	71	30-150
Decachlorobiphenyl	81	30-150

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0600336

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
SVOC's by GC/MS 8270 for sample(s) 01 (L0600336-01, WG226419-4)					
Acenaphthene	73	73	0	30	46-118
1,2,4-Trichlorobenzene	68	78	14	30	39-98
2-Chloronaphthalene	78	78	0	30	40-140
1,2-Dichlorobenzene	58	63	8	30	40-140
1,4-Dichlorobenzene	58	58	0	30	36-97
2,4-Dinitrotoluene	87	92	6	30	24-96
2,6-Dinitrotoluene	87	92	6	30	40-140
Fluoranthene	82	87	6	30	40-140
4-Chlorophenyl phenyl ether	82	82	0	30	40-140
n-Nitrosodi-n-propylamine	53	53	0	30	41-116
Butyl benzyl phthalate	82	87	6	30	40-140
Anthracene	49	53	8	30	40-140
Pyrene	78	82	5	30	26-127
Hexachloropropene	68	78	14	30	40-140
p-Chloro-M-Cresol	78	82	5	30	23-97
2-Chlorophenol	65	68	5	30	27-123
2-Nitrophenol	73	73	0	30	30-130
4-Nitrophenol	63	68	8	30	10-80
2,4-Dinitrophenol	87	90	3	30	30-130
Pentachlorophenol	78	82	5	30	9-103
Phenol	41	44	7	30	12-110
Surrogate(s)					
2-Fluorophenol	55	53	4		21-120
Phenol-d6	56	57	2		10-120
Nitrobenzene-d5	66	64	3		23-120
2-Fluorobiphenyl	79	78	1		43-120
2,4,6-Tribromophenol	94	93	1		10-120
4-Terphenyl-d14	89	90	1		33-120
PAH by GC/MS SIM 8270M for sample(s) 01 (L0600336-01, WG226420-4)					
Acenaphthene	58	58	0	40	46-118
2-Chloronaphthalene	63	63	0	40	
Fluoranthene	73	78	7	40	
Anthracene	58	58	0	40	
Pyrene	68	73	7	40	26-127
Pentachlorophenol	78	75	4	40	9-103
Surrogate(s)					
2-Fluorophenol	77	73	5		21-120
Phenol-d6	74	69	7		10-120
Nitrobenzene-d5	88	84	5		23-120
2-Fluorobiphenyl	72	71	1		43-120
2,4,6-Tribromophenol	83	77	8		10-120
4-Terphenyl-d14	83	81	2		33-120

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0600336

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Blank Analysis for sample(s) 01 (WG226373-1)						
Solids, Total Suspended	ND	mg/l	5.0	4 160.2	0111 10:30	DT
Blank Analysis for sample(s) 01 (WG226510-1)						
Cyanide, Total	ND	mg/l	0.005	4 335.2	0112 10:00 0112 16:17	DD
Blank Analysis for sample(s) 01 (WG226276-2)						
Chlorine, Total Residual	ND	mg/l	0.05	4 330.1	0110 15:30	DD
Blank Analysis for sample(s) 01 (WG226816-1)						
TPH	ND	mg/l	4.00	74 1664A	0112 10:30 0116 12:00	AT
Blank Analysis for sample(s) 01 (WG226902-1)						
Phenolics, Total	ND	mg/l	0.03	4 420.1	0116 11:00	AT
Blank Analysis for sample(s) 01 (WG226340-1)						
Chromium, Hexavalent	ND	mg/l	0.02	30 3500CR-D	0110 22:00 0110 22:00	HS
Blank Analysis for sample(s) 01 (WG226453-3)						
Total Metals				19 200.7		
Antimony, Total	ND	mg/l	0.005	3 200.9	0111 15:00 0112 15:11	PY
Arsenic, Total	ND	mg/l	0.005	19 200.7	0111 15:00 0112 09:09	MG
Cadmium, Total	ND	mg/l	0.0002	4 213.2	0111 15:00 0116 12:10	PY
Chromium, Total	ND	mg/l	0.01	19 200.7	0111 15:00 0112 09:09	MG
Copper, Total	ND	mg/l	0.01	19 200.7	0111 15:00 0112 09:09	MG
Iron, Total	ND	mg/l	0.05	19 200.7	0111 15:00 0112 09:09	MG
Lead, Total	ND	mg/l	0.001	3 200.9	0111 15:00 0116 15:58	PY
Nickel, Total	ND	mg/l	0.025	19 200.7	0111 15:00 0112 09:09	MG
Selenium, Total	ND	mg/l	0.005	19 200.7	0111 15:00 0112 09:09	MG
Silver, Total	ND	mg/l	0.0004	4 272.2	0111 15:00 0116 18:50	PY
Zinc, Total	ND	mg/l	0.050	19 200.7	0111 15:00 0112 09:09	MG
Blank Analysis for sample(s) 01 (WG226571-4)						
Total Metals						
Mercury, Total	ND	mg/l	0.0002	4 245.2	0112 16:10 0113 14:09	DM
Blank Analysis for sample(s) 01 (WG226960-1)						
Pesticides by GC 504				14 504.1	0117 12:22 0117 13:37	JB
1,2-Dibromoethane	ND	ug/l	0.020			

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0600336

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01 (WG226636-4)							
Volatile Organics by GC/MS 624				5	624	0112 08:48 MM	
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	2.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.5				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.0				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	5.0				
Vinyl chloride	ND	ug/l	2.0				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	5.0				
1,3-Dichlorobenzene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	5.0				
p/m-Xylene	ND	ug/l	2.0				
o-xylene	ND	ug/l	1.0				
Xylene (Total)	ND	ug/l	2.0				
Styrene	ND	ug/l	1.0				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	10.				
Vinyl acetate	ND	ug/l	20.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Acrolein	ND	ug/l	8.0				
Acrylonitrile	ND	ug/l	10.				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0600336

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Blank Analysis for sample(s) 01 (WG226636-4)						
Volatile Organics by GC/MS 624 cont'd				5 624	0112 08:48 MM	
Surrogate(s)	Recovery		QC Criteria			
Pentafluorobenzene	102.	%	80-120			
Fluorobenzene	103.	%	80-120			
4-Bromofluorobenzene	111.	%	80-120			
Blank Analysis for sample(s) 01 (WG226419-1)						
SVOC's by GC/MS 8270				1 8270C	0111 13:00 0112 18:24 RL	
Acenaphthene	ND	ug/l	5.0			
Benzidine	ND	ug/l	50.			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
Hexachlorobenzene	ND	ug/l	5.0			
Bis(2-chloroethyl)ether	ND	ug/l	5.0			
1-Chloronaphthalene	ND	ug/l	5.0			
2-Chloronaphthalene	ND	ug/l	6.0			
1,2-Dichlorobenzene	ND	ug/l	5.0			
1,3-Dichlorobenzene	ND	ug/l	5.0			
1,4-Dichlorobenzene	ND	ug/l	5.0			
3,3'-Dichlorobenzidine	ND	ug/l	50.			
2,4-Dinitrotoluene	ND	ug/l	6.0			
2,6-Dinitrotoluene	ND	ug/l	5.0			
Azobenzene	ND	ug/l	5.0			
Fluoranthene	ND	ug/l	5.0			
4-Chlorophenyl phenyl ether	ND	ug/l	5.0			
4-Bromophenyl phenyl ether	ND	ug/l	5.0			
Bis(2-chloroisopropyl)ether	ND	ug/l	5.0			
Bis(2-chloroethoxy)methane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	10.			
Hexachlorocyclopentadiene	ND	ug/l	10.			
Hexachloroethane	ND	ug/l	5.0			
Isophorone	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
Nitrobenzene	ND	ug/l	5.0			
NDPA/DPA	ND	ug/l	15.			
n-Nitrosodi-n-propylamine	ND	ug/l	5.0			
Bis(2-ethylhexyl)phthalate	ND	ug/l	10.			
Butyl benzyl phthalate	ND	ug/l	5.0			
Di-n-butylphthalate	ND	ug/l	5.0			
Di-n-octylphthalate	ND	ug/l	5.0			
Diethyl phthalate	ND	ug/l	5.0			
Dimethyl phthalate	ND	ug/l	5.0			
Benzo(a)anthracene	ND	ug/l	5.0			
Benzo(a)pyrene	ND	ug/l	5.0			
Benzo(b)fluoranthene	ND	ug/l	5.0			
Benzo(k)fluoranthene	ND	ug/l	5.0			
Chrysene	ND	ug/l	5.0			
Acenaphthylene	ND	ug/l	5.0			

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0600336

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01 (WG226419-1)							
SVOC's by GC/MS 8270 cont'd				1 8270C	0111 13:00	0112 18:24	RL
Anthracene	ND	ug/l	5.0				
Benzo(ghi)perylene	ND	ug/l	5.0				
Fluorene	ND	ug/l	5.0				
Phenanthrene	ND	ug/l	5.0				
Dibenzo(a,h)anthracene	ND	ug/l	5.0				
Indeno(1,2,3-cd)pyrene	ND	ug/l	7.0				
Pyrene	ND	ug/l	5.0				
Benzo(e)pyrene	ND	ug/l	5.0				
Biphenyl	ND	ug/l	5.0				
Perylene	ND	ug/l	5.0				
Aniline	ND	ug/l	10.				
4-Chloroaniline	ND	ug/l	5.0				
1-Methylnaphthalene	ND	ug/l	5.0				
2-Nitroaniline	ND	ug/l	5.0				
3-Nitroaniline	ND	ug/l	5.0				
4-Nitroaniline	ND	ug/l	7.0				
Dibenzofuran	ND	ug/l	5.0				
a,a-Dimethylphenethylamine	ND	ug/l	50.				
Hexachloropropene	ND	ug/l	10.				
Nitrosodi-n-butylamine	ND	ug/l	10.				
2-Methylnaphthalene	ND	ug/l	5.0				
1,2,4,5-Tetrachlorobenzene	ND	ug/l	20.				
Pentachlorobenzene	ND	ug/l	20.				
a-Naphthylamine	ND	ug/l	20.				
b-Naphthylamine	ND	ug/l	20.				
Phenacetin	ND	ug/l	10.				
Dimethoate	ND	ug/l	20.				
4-Aminobiphenyl	ND	ug/l	10.				
Pentachloronitrobenzene	ND	ug/l	10.				
Isodrin	ND	ug/l	10.				
p-Dimethylaminoazobenzene	ND	ug/l	10.				
Chlorobenzilate	ND	ug/l	20.				
3-Methylcholanthrene	ND	ug/l	20.				
Ethyl Methanesulfonate	ND	ug/l	15.				
Acetophenone	ND	ug/l	20.				
Nitrosodipiperidine	ND	ug/l	20.				
7,12-Dimethylbenz(a)anthracene	ND	ug/l	10.				
n-Nitrosodimethylamine	ND	ug/l	50.				
2,4,6-Trichlorophenol	ND	ug/l	5.0				
p-Chloro-m-cresol	ND	ug/l	5.0				
2-Chlorophenol	ND	ug/l	6.0				
2,4-Dichlorophenol	ND	ug/l	10.				
2,4-Dimethylphenol	ND	ug/l	10.				
2-Nitrophenol	ND	ug/l	20.				
4-Nitrophenol	ND	ug/l	10.				
2,4-Dinitrophenol	ND	ug/l	20.				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0600336

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01 (WG226419-1)							
SVOC's by GC/MS 8270 cont'd				1 8270C	0111 13:00	0112 18:24	RL
4,6-Dinitro-o-cresol	ND	ug/l	20.				
Pentachlorophenol	ND	ug/l	20.				
Phenol	ND	ug/l	7.0				
2-Methylphenol	ND	ug/l	6.0				
3-Methylphenol/4-Methylphenol	ND	ug/l	6.0				
2,4,5-Trichlorophenol	ND	ug/l	5.0				
2,6-Dichlorophenol	ND	ug/l	10.				
Benzoic Acid	ND	ug/l	50.				
Benzyl Alcohol	ND	ug/l	10.				
Carbazole	ND	ug/l	5.0				
Pyridine	ND	ug/l	50.				
2-Picoline	ND	ug/l	20.				
Pronamide	ND	ug/l	20.				
Methyl methanesulfonate	ND	ug/l	20.				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	42.0	%	21-120				
Phenol-d6	34.0	%	10-120				
Nitrobenzene-d5	66.0	%	23-120				
2-Fluorobiphenyl	67.0	%	43-120				
2,4,6-Tribromophenol	80.0	%	10-120				
4-Terphenyl-d14	83.0	%	33-120				
Blank Analysis for sample(s) 01 (WG226420-1)							
PAH by GC/MS SIM 8270M				1 8270C-M	0111 13:00	0112 17:00	RL
Acenaphthene	ND	ug/l	0.20				
2-Chloronaphthalene	ND	ug/l	0.20				
Fluoranthene	ND	ug/l	0.20				
Hexachlorobutadiene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	0.20				
Benzo(a)anthracene	ND	ug/l	0.20				
Benzo(a)pyrene	ND	ug/l	0.20				
Benzo(b)fluoranthene	ND	ug/l	0.20				
Benzo(k)fluoranthene	ND	ug/l	0.20				
Chrysene	ND	ug/l	0.20				
Acenaphthylene	ND	ug/l	0.20				
Anthracene	ND	ug/l	0.20				
Benzo(ghi)perylene	ND	ug/l	0.20				
Fluorene	ND	ug/l	0.20				
Phenanthrene	ND	ug/l	0.20				
Dibenzo(a,h)anthracene	ND	ug/l	0.20				
Indeno(1,2,3-cd)Pyrene	ND	ug/l	0.20				
Pyrene	ND	ug/l	0.20				
1-Methylnaphthalene	ND	ug/l	0.20				
2-Methylnaphthalene	ND	ug/l	0.20				
Pentachlorophenol	ND	ug/l	0.80				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0600336

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	ANAL	ID
Blank Analysis for sample(s) 01 (WG226420-1)							
PAH by GC/MS SIM 8270M cont'd				1 8270C-M	0111 13:00	0112 17:00	RL
Hexachlorobenzene	ND	ug/l	0.80				
Perylene	ND	ug/l	0.20				
Biphenyl	ND	ug/l	0.20				
2,6-Dimethylnaphthalene	ND	ug/l	0.20				
1-Methylphenanthrene	ND	ug/l	0.20				
Benzo(e)Pyrene	ND	ug/l	0.20				
Hexachloroethane	ND	ug/l	0.80				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	50.0	%	21-120				
Phenol-d6	39.0	%	10-120				
Nitrobenzene-d5	73.0	%	23-120				
2-Fluorobiphenyl	61.0	%	43-120				
2,4,6-Tribromophenol	60.0	%	10-120				
4-Terphenyl-d14	73.0	%	33-120				
Blank Analysis for sample(s) 01 (WG226435-1)							
Polychlorinated Biphenyls				5 608	0111 15:00	0113 01:29	SS
Aroclor 1221	ND	ug/l	0.250				
Aroclor 1232	ND	ug/l	0.250				
Aroclor 1242/1016	ND	ug/l	0.250				
Aroclor 1248	ND	ug/l	0.250				
Aroclor 1254	ND	ug/l	0.250				
Aroclor 1260	ND	ug/l	0.250				
Surrogate(s)	Recovery		QC Criteria				
2,4,5,6-Tetrachloro-m-xylene	78.0	%	30-150				
Decachlorobiphenyl	78.0	%	30-150				

**ALPHA ANALYTICAL LABORATORIES
ADDENDUM I**

REFERENCES

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4. Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020. Revised March 1983.
5. Methods for the Organic Chemical Analysis of Municipal and Industrial Wastewater. Appendix A, Part 136, 40 CFR (Code of Federal Regulations).
14. Methods for the Determination of Organic Compounds in Finished Drinking Water and Raw Source Water. EPA/600/4-88/039, Revised July 1991.
19. Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.
30. Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
74. Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.

GLOSSARY OF TERMS AND SYMBOLS

REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.

LIMITATION OF LIABILITIES

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