ENVIRONMENTAL MANAGEMENT PROFESSIONALS, INC.
94 Sawyer Lane
Marshfield, MA 02050
781-834-3822 • Fax 781-834-7110

June 7, 2006

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

Re: Notice of Intent (NOI) for the Remediation General Permit (RGP)
Boston Market Terminal
34 Market Street
Everett, MA 02149

Dear Mr. Papadopoulos,

On Behalf of our client the D'Allessandro Corporation and New England Produce Center, Environmental Management professionals, Inc, (EMP) is submitting this Notice of Intent (NOI) for the above identified site. The Remediation General Permit (RGP) is required to treat and discharge groundwater from the dewatering activities associated with a sewer rehabilitation project at the Boston Market Terminal. The groundwater from the excavation activities will be collected in frac tank to allow separation of sediments. The water will then be passed through a sand filter and bag filter to further reduce additional sediments before final polishing by activated granular carbon. The treated effluent water will then be directed to a tidal ditch which discharges into the Island End River, a tributary to the Mystic River. In accordance with NOI, compliance samples shall be collected from the influent and treated effluent water to ensure proper system operation.

If you should have any questions concerning information provided, please do not hesitate to contact me at 781-834-3822,

Sincerely,

Kevin P. Connors
Project Manager

cc: Andrew M. Andinolfi, GEI Consultants, Inc

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:

<table>
<tr><td colspan="2">a) Name of facility/site: BOSTON MARKET TERMINAL</td><td colspan="3" rowspan="4">Facility/site address:
Street: 34 MARKET STREET
Town: EVERETT
State: MA Zip: 02149 County: SUFFOLK</td></tr>
<tr><td>Location of facility/site:
longitude: latitude: 42deg. 23 min. 53.25sec. N
71deg. 03min. 01.63sec. W</td><td>Facility SIC code(s):</td></tr>
<tr><td colspan="2">b) Name of facility/site owner: NEW ENGLAND PRODUCE MARKET</td></tr>
<tr><td colspan="2">Email address of owner:</td></tr>
<tr><td colspan="2">Telephone no.of facility/site owner:
617-889-2700</td><td colspan="3" rowspan="2">Owner is (check one): 1. Federal____ 2. State/Tribal____
3. Private__X__4. other, if so, describe:</td></tr>
<tr><td colspan="2">Fax no. of facility/site owner:
617-889-5309</td></tr>
<tr><td colspan="2">Address of owner (if different from site):</td><td colspan="3">Street: 90 PRODUCE CENTER</td></tr>
<tr><td colspan="2">Town: CHELSEA</td><td>State: MA</td><td>Zip: 02150</td><td>SUFFOLK</td></tr>
<tr><td colspan="2" rowspan="2">c) Legal name of operator:
D'ALLESSANDRO CORPORATION</td><td colspan="3">Operator telephone no: 508-559-6400</td></tr>
<tr><td colspan="2">Operator fax no.: 508-559-6432</td><td>Operator email:
tjshea@dallessandro.com</td></tr>
<tr><td colspan="5">Operator contact name and title: T.J Shea, Project Supervisor</td></tr>
</table>

Address of **operator** (if different from owner):	Street: 41 LEDIN DRIVE		
Town: AVON	State: MA	Zip: 02322	County: NORFOLK

d) Check "yes" or "no" for the following:

1. Has a prior NPDES permit exclusion been granted for the discharge? Yes____No __X__, if "yes," number:

2. Has a prior NPDES application (Form I & 2C) ever been filed for the discharge? Yes_____ No__X___, if "yes," date and tracking #:

3. Is the discharge a "new discharge" as defined By 40 CFR 122.2? Yes__X__ No____

4. For sites in Massachusetts, is the discharge covered under the MA Contingency Plan (MCP) and exempt from state permitting? Yes____ No_X_.

e) Is site/facility subject to any State permitting or other action which is causing the generation of discharge? Yes X No ___ If "yes," please list- 1. site identification # assigned by the state of NH or MA: RTN 3-13158 2. permit or license # assigned: 3. state agency contact information: name, location, and telephone number: DEP NERO Wilmington, MA 978-694-3200	f) Is the site/facility covered by any other EPA permit, including: 1. multi-sector storm water general permit? Y N_X if Y, number: 2. phase I or II construction storm water general permit? Y____ N_X_, 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: CONSTRUCTION DEWATERING FOR SANITARY SEWER REPAIR AND INSTALLATION		
b) Provide the following information about each discharge:	1) Number of discharge points: 1	2) What is the **maximum and average flow rate** of discharge (in cubic feet per second, ft3/s)? Max. Flow 0.11 Average flow__0.055_ Is maximum flow a design value? Y __X__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. 71 deg. 03 min. 0.62 sec. W lat 43 deg. 23 min. 55.08 sec. N.; 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__X_No__.	
c) Expected dates of discharge (mm/dd/yy): start 07/05/06 end 08/31/06		
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_X_.	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 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)**
1. Total Suspended Solids		X	1	Grab (G)	160.2		3200000			
2. Total Residual Chlorine	X		1	G	330.1					
3. Total Petroleum Hydrocarbons		X	1	G	1664A		89000			
4. Cyanide		X	1	G	335.2		107			
5. Benzene		X	1	G	624		540			
6. Toluene		X	1	G	624		50			
7. Ethylbenzene		X	1	G	624		6.9			
8. (m,p,o) Xylenes		X	1	G	624		50			
9. Total BTEX[4]							647			

[4] BTEX = 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)	X		1	G	624					
11. Methyl-tert-Butyl Ether (MtBE)	X		1	G	624					
12. tert-Butyl Alcohol (TBA)	X		1	G	624					
13. tert-Amyl Methyl Ether (TAME)	X		1	G	624					
14. Naphthalene		X	1	G	8270		380			
15. Carbon Tetra-chloride	X		1	G	624					
16. 1,4 Dichlorobenzene	X		1	G	624					
17. 1,2 Dichlorobenzene	X		1	G	624					
18. 1,3 Dichlorobenzene	X		1	G	624					
19. 1,1 Dichloroethane	X		1	G	624					
20. 1,2 Dichloroethane	X		1	G	624					
21. 1,1 Dichloroethylene	X		1	G	624					
22. cis-1,2 Dichloro-ethylene	X		1	G	624					
23. Dichloromethane (Methylene Chloride)	X		1	G	624					
24. Tetrachloroethylene	X		1	G	624					

PARAMETER	Believe Absent	Believe Present	# of Samples (I min-imum)	Typeof 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	X		1	G	624					
26. 1,1,2 Trichloroethane	X		1	G	624					
27. Trichloroethylene	X		1	G	624					
28. Vinyl Chloride	X		1	G	624					
29. Acetone	X		1	G	624					
30. 1,4 Dioxane	X		1	G	624					
31. Total Phenols		X	1	G	420.1		430			
32. Pentachlorophenol	X		1	G	8270					
33. Total Phthalates[5] (Phthalate esthers)	X		1	G	8270					
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	X		1	G	8270					
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)		X	1	G	8270		144			
a. Benzo(a) Anthracene		X	1	G	8270		35			
b. Benzo(a) Pyrene		X	1	G	8270		24			
c. Benzo(b)Fluoranthene		X	1	G	8270		24			
d. Benzo(k) Fluoranthene		X	1	G	8270		21			
e. Chrysene		X	1	G	8270		27			

[5] The sum of individual phthalate compounds.

PARAMETER	Believe Absent	Believe Present	# of Samples (I 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		X	1	G	8270		<4.8			
g. Indeno(1,2,3-cd) Pyrene		X	1	G	8270		13			
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)		X	1	G	8270		1001			
h. Acenaphthene		X	1	G	8270		73			
i. Acenaphthylene		X	1	G	8270		18			
j. Anthracene		X	1	G	8270		39			
k. Benzo(ghi) Perylene		X	1	G	8270		39			
I. Fluoranthene		X	1	G	8270		130			
m. Fluorene		X	1	G	8270		91			
n. Naphthalene-		X	1	G	8270		380			
o. Phenanthrene		X	1	G	8270		140			
p. Pyrene		X	1	G	8270		91			
37. Total Polychlorinated Biphenyls (PCBs)	X		1	G	608					
38. Antimony		X	1	G	6020		2.1			
39. Arsenic		X	1	G	200.7		42			
40. Cadmium		X	1	G	6020		4.5			
41. Chromium III		X	1	G	200.7		100			
42. Chromium VI	X	X	1	G	7.3					

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PARAMETER	Believe Absent	Believe Present	# of Samples (I 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)
43. Copper		X	1	G	200.7		270			
44. Lead		X	1	G	6020		561.3			
45. Mercury		X	1	G	245.2		6.6			
46. Nickel		X	1	G	200.7		78			
47. Selenium	X		1	G	200.7					
48. Silver	X		1	G	6020					
49. Zinc		X	1	G	200.7		1000			
50. Iron		X	1	G	200.7		83000			
Other (describe):										

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

Step 1: 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 __X N___.	If yes, which metals? Arsenic, Chromium, Copper, Iron, Lead, Mercury, Nickel, Zinc
Step 2: 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:_____>100	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__X___ N_____ If "Yes," list which metals: Iron Lead, Mercury

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 X	Air stripper	Oil/water separator	Equalization tanks	Bag filter X	GAC filter X
	Chlorination	Dechlorination	Other (please describe): Sand Filter			
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: 50 gpm 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_X__	Storm drain___	River/brook_X_	Wetlands___	Other (describe):
b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters: Treated effluent will be discharged directly to tidal ditch about 1,500 feet upstream of Island End River. Topographic plan is attached. The tidal ditch enters an approximately 1,500-foot long culvert which discharges to the Island End River. The tidal ditch recieves stormwater discharges from portions of Chelsea and Everett. The drainage ditch embankment consists of rip rap. Direct discharge will be to rip rap embankment to prevent erosion. The Island End River is a tributary to the Mystic River. No drinking water sources or wetland areas are within the proposed discharge area or downstream.						

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: Class SB (314 CMR 4.00)

e) Provide the reported or calculated seven day-ten year low flow (7Q 10) 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___X_____ No_____If yes, for which pollutant(s)?
0600 Unionized Ammonia
1700 Pathogens
1900 Oil and Grease
2000 Taste, Odor, and Color
2500 Turbidity

Is there a TMDL? yes_____ No_____X__ 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 11 and VII.

a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes_____No_X_.
Has any consultation with the federal services been completed ? Yes_____No_X__or is consultation underway? Yes_____No_X

What were the results of the consultation with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service ce (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_X_.
Have any state or tribal historic preservation officer been consulted in this determination (Massachusetts only)? Yes_____No_X_.

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.

The project site is the location of contaminants in soil and groundwater that are potentially related to historic coal tar and petroleum sources. The site is a location of a former upriver portion of the Island End River known as the Oxbow. The Oxbow was filled in during the late 1800s through the early 1960s. The area is currently a warehouse and industrial district. Contaminants potentially related to coal tar and/or petroleum were detected in soil and groundwater during construction work on the property in 1995. Response actions are ongoing under the MCP (310 CMR 40.0000) under Release Tracking Number 3-13158. The project that is the subject of this RGP consists of construction dewatering and discharge for installation and repair of a sanitary sewer within the site.

Sampling for the purposes of this Remediation General Permit was performed on April 14, 2006. As per discussion of Mr. Andrew Adinolfi of GEI Consultants, Inc. with Mr. Victor Alvarez of EPA Region 1, samples were collected from two monitoring wells in the project area (GZ-103 and GZ-104, shown on plan), composited (except for volatiles samples as described below), and analyzed for compounds listed in the 2005 NPDES Remediation General Permit (MAG910000), Appendix III – Effluent Limitations. The following procedures were followed to ensure that the samples would represent influent conditions to the extent feasible:

- Wells were purged using a bailer until pH, temperature, and conductivity of the water stabilized.
- Samples were collected using a bailer. The standard practice for sampling groundwater in monitoring wells (low-flow sampling) was not employed because low-flow sampling is intended to identify dissolved compounds, and may not adequately quantify contaminants adsorbed to suspended solids that may be in the influent for this project. Therefore, no attempts were made to minimize turbidity or suspended solids.
- Samples collected for volatile compound analyses were submitted and analyzed as two separate samples (one from each well GZ103 and GZ104), to avoid volatile losses that would occur during compositing.
- Samples collected for analyses other than volatiles were composited and submitted as one sample (GZ103104).
- Samples were submitted to Alpha Analytical of Westborough, Massachusetts under chain-of-custody procedures. Alpha's laboratory report is attached.

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:

Operator signature: T.J. Shea

Title: Project Manager

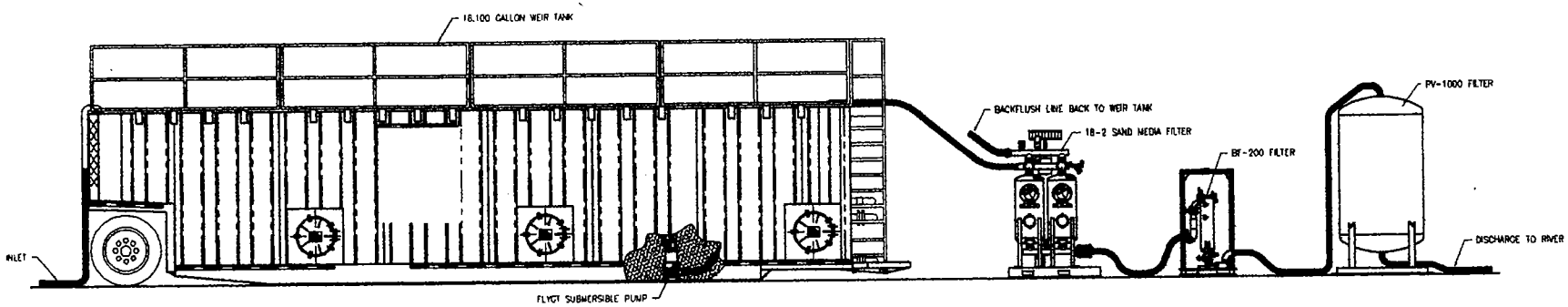
Date: 6/7/06

REV.NO.	DESCRIPTION	PREVIOUS DWG	BY	DATE
△				

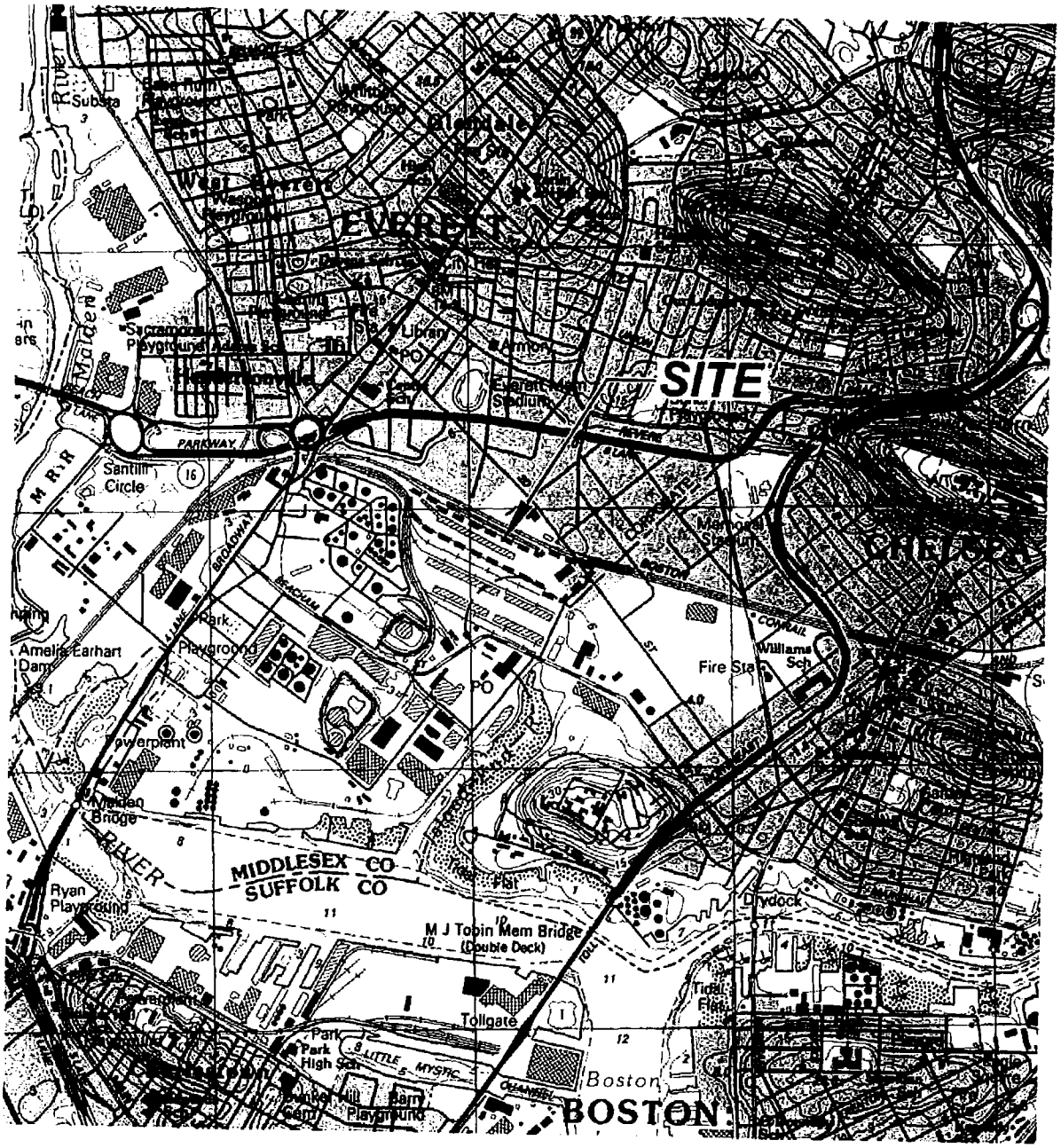
ITEM	QTY.	REF.	DESCRIPTION

FILTRATION LAYOUT

EMP



PLAN VIEW



0 1000 2000 4000 6000

SCALE, FEET

This Image provided by MassGIS is from U.S.G.S.
Topographic 7.5 X 15 Minute Series
Boston North, MA Quadrangle, 1987.
Datum is National Geodetic Vertical Datum (NGVD).
Contour Interval is 3 Meters.

MASSACHUSETTS
QUADRANGLE LOCATION

Utility-Related Abatement Measure 34 Market Street Everett, Massachusetts	GEI Consultants	SITE LOCATION MAP
KeySpan Corporation Brooklyn, New York	Project 982482	June 2006 Fig. 1

982482-169 djm 6/6/06

ALPHA ANALYTICAL LABORATORIES

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

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

CERTIFICATE OF ANALYSIS

Client: GEI Consultants

Address: 1021 Main Street

Winchester, MA 01890-1943

Attn: Mr. Andy Adinolfi

Project Number: 982482-2

Site: BOSTON MARKET TERMINAL

Laboratory Job Number: L0605351

Date Received: 14-APR-2006

Date Reported: 19-APR-2006

Delivery Method: Alpha

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0605351-01	982482-GZ103104-COMP	EVERETT, MA
L0605351-03	982482-GZ103104-GZ103	EVERETT, MA
L0605351-04	982482-GZ103104-GZ104	EVERETT, MA
L0605351-05	TRIP BLANK	EVERETT, MA

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 Representative

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0605351

Volatile Organics

L0605351-03 required re-analysis on a 5x dilution in order to quantitate the sample within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration.

SemiVolatile Organics

L0605351-01 required re-analysis on a 5x dilution in order to quantitate the sample within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration.

An MS/MSD could not be performed due to limited sample volume submitted for analysis.

PAH

L0605351-01 has elevated limits of detection due to the 20x dilution required by the elevated concentrations of target compounds in the sample.

An MS/MSD could not be performed due to limited sample volume submitted for analysis.

Hexavalent Chromium

The MS % recovery is invalid due to matrix interference.

TPH-1664

The laboratory duplicate RPD is above the acceptance criteria for the method due to sample non-homogeneity (analyzed from different containers-the bottle analyzed as the sample contained more sediment).

Total Metals

The MS % recoveries for the following elements are below the acceptance criteria for the method. Post analytical spikes were performed with acceptable recoveries:

Antimony: 106%

Cadmium: 94%

Silver: 98%

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: L0605351-01
982482-GZ103104-COMP
Sample Matrix: WATER

Date Collected: 14-APR-2006 13:30
Date Received : 14-APR-2006
Date Reported : 19-APR-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 7-Amber,4-Plastic,2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total Suspended	3200	mg/l	200	4	160.2		0418 15:15	DT
Cyanide, Total	0.107	mg/l	0.005	4	335.2	0418 15:45	0418 23:40	DD
Chlorine, Total Residual	ND	mg/l	0.05	4	330.1		0414 19:30	DP
pH	7.0	SU	-	4	150.1		0414 20:55	DP
TPH	89.0	mg/l	4.00	74	1664A	0418 13:30	0418 17:25	DP
Phenolics, Total	0.43	mg/l	0.03	4	420.1		0418 09:30	AT
Chromium, Hexavalent	ND	mg/l	0.02	30	3500CR-D	0414 22:40	0414 22:40	DP
Cyanide, Reactive	ND	mg/l	0.05	1	7.3		0418 16:30	HG
Sulfide, Reactive	9.0	mg/l	0.10	1	7.3		0418 16:30	HG
Total Metals								
Antimony, Total	0.0021	mg/l	0.0005	1	6020	0418 18:00	0419 01:01	BM
Arsenic, Total	0.042	mg/l	0.005	19	200.7	0417 19:30	0418 14:05	MG
Cadmium, Total	0.0045	mg/l	0.0005	1	6020	0418 18:00	0419 01:01	BM
Chromium, Total	0.10	mg/l	0.01	19	200.7	0417 19:30	0418 14:05	MG
Copper, Total	0.27	mg/l	0.01	19	200.7	0417 19:30	0418 14:05	MG
Iron, Total	83	mg/l	0.05	19	200.7	0417 19:30	0418 14:05	MG
Lead, Total	0.5613	mg/l	0.0005	1	6020	0418 18:00	0419 01:01	BM
Manganese, Total	2.0	mg/l	0.01	19	200.7	0417 19:30	0418 14:05	MG
Mercury, Total	0.0066	mg/l	0.0002	4	245.2	0417 17:00	0418 10:38	DM
Nickel, Total	0.078	mg/l	0.025	19	200.7	0417 19:30	0418 14:05	MG
Selenium, Total	ND	mg/l	0.005	19	200.7	0417 19:30	0418 14:05	MG
Silver, Total	ND	mg/l	0.0005	1	6020	0418 18:00	0419 01:01	BM
Zinc, Total	1.00	mg/l	0.050	19	200.7	0417 19:30	0418 14:05	MG
SVOC's by GC/MS 8270				1	8270C	0417 15:20	0418 14:22	RL
Acenaphthene	73	ug/l	4.8					
Benzidine	ND	ug/l	48.					
1,2,4-Trichlorobenzene	ND	ug/l	4.8					
Hexachlorobenzene	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: L0605351-01
982482-GZ103104-COMP

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1 8270C	0417 15:20	0418 14:22	RL
Bis(2-chloroethyl)ether	ND	ug/l	4.8				
1-Chloronaphthalene	ND	ug/l	4.8				
2-Chloronaphthalene	ND	ug/l	5.7				
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	5.7				
2,6-Dinitrotoluene	ND	ug/l	4.8				
Azobenzene	ND	ug/l	4.8				
Fluoranthene	110	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	9.6				
Hexachlorocyclopentadiene	ND	ug/l	9.6				
Hexachloroethane	ND	ug/l	4.8				
Isophorone	ND	ug/l	4.8				
Naphthalene	>200	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	9.6				
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	35	ug/l	4.8				
Benzo(a)pyrene	24	ug/l	4.8				
Benzo(b)fluoranthene	24	ug/l	4.8				
Benzo(k)fluoranthene	21	ug/l	4.8				
Chrysene	27	ug/l	4.8				
Acenaphthylene	16	ug/l	4.8				
Anthracene	34	ug/l	4.8				
Benzo(ghi)perylene	12	ug/l	4.8				
Fluorene	87	ug/l	4.8				
Phenanthrene	140	ug/l	4.8				
Dibenzo(a,h)anthracene	ND	ug/l	4.8				
Indeno(1,2,3-cd)pyrene	13	ug/l	6.7				
Pyrene	78	ug/l	4.8				
Benzo(e)pyrene	16	ug/l	4.8				
Biphenyl	5.3	ug/l	4.8				
Perylene	5.0	ug/l	4.8				
Aniline	ND	ug/l	9.6				
4-Chloroaniline	ND	ug/l	4.8				
1-Methylnaphthalene	36	ug/l	4.8				
2-Nitroaniline	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: L0605351-01
982482-GZ103104-COMP

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1 8270C	0417 15:20	0418 14:22	RL
3-Nitroaniline	ND	ug/l	4.8				
4-Nitroaniline	ND	ug/l	6.7				
Dibenzofuran	54	ug/l	4.8				
a,a-Dimethylphenethylamine	ND	ug/l	48.				
Hexachloropropene	ND	ug/l	9.6				
Nitrosodi-n-butylamine	ND	ug/l	9.6				
2-Methylnaphthalene	37	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	9.6				
Dimethoate	ND	ug/l	19.				
4-Aminobiphenyl	ND	ug/l	9.6				
Pentachloronitrobenzene	ND	ug/l	9.6				
Isodrin	ND	ug/l	9.6				
p-Dimethylaminoazobenzene	ND	ug/l	9.6				
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	9.6				
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	5.7				
2,4-Dichlorophenol	ND	ug/l	9.6				
2,4-Dimethylphenol	ND	ug/l	9.6				
2-Nitrophenol	ND	ug/l	19.				
4-Nitrophenol	ND	ug/l	9.6				
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	6.7				
2-Methylphenol	ND	ug/l	5.7				
3-Methylphenol/4-Methylphenol	9.8	ug/l	5.7				
2,4,5-Trichlorophenol	ND	ug/l	4.8				
2,6-Dichlorophenol	ND	ug/l	9.6				
Benzoic Acid	ND	ug/l	48.				
Benzyl Alcohol	ND	ug/l	9.6				
Carbazole	43	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: L0605351-01
982482-GZ103104-COMP

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0417 15:20	0418 14:22	RL
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	37.0	%	21-120					
Phenol-d6	35.0	%	10-120					
Nitrobenzene-d5	62.0	%	23-120					
2-Fluorobiphenyl	60.0	%	43-120					
2,4,6-Tribromophenol	71.0	%	10-120					
4-Terphenyl-d14	75.0	%	33-120					
SVOC's by GC/MS 8270				1	8270C	0417 15:20	0418 16:01	RL
Naphthalene	410	ug/l	24.					
PAH by GC/MS SIM 8270M				1	8270C-M	0417 15:20	0419 07:06	RL
Acenaphthene	72	ug/l	3.8					
2-Chloronaphthalene	ND	ug/l	3.8					
Fluoranthene	130	ug/l	3.8					
Hexachlorobutadiene	ND	ug/l	9.6					
Naphthalene	380	ug/l	3.8					
Benzo(a)anthracene	45	ug/l	3.8					
Benzo(a)pyrene	35	ug/l	3.8					
Benzo(b)fluoranthene	30	ug/l	3.8					
Benzo(k)fluoranthene	43	ug/l	3.8					
Chrysene	29	ug/l	3.8					
Acenaphthylene	18	ug/l	3.8					
Anthracene	39	ug/l	3.8					
Benzo(ghi)perylene	12	ug/l	3.8					
Fluorene	91	ug/l	3.8					
Phenanthrene	130	ug/l	3.8					
Dibenzo(a,h)anthracene	4.8	ug/l	3.8					
Indeno(1,2,3-cd)Pyrene	16	ug/l	3.8					
Pyrene	91	ug/l	3.8					
1-Methylnaphthalene	38	ug/l	3.8					
2-Methylnaphthalene	40	ug/l	3.8					
Pentachlorophenol	ND	ug/l	15.					
Hexachlorobenzene	ND	ug/l	15.					
Perylene	7.0	ug/l	3.8					
Biphenyl	4.9	ug/l	3.8					
2,6-Dimethylnaphthalene	8.6	ug/l	3.8					
1-Methylphenanthrene	9.5	ug/l	3.8					
Benzo(e)Pyrene	21	ug/l	3.8					
Hexachloroethane	ND	ug/l	15.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	43.0	%	21-120					
Phenol-d6	41.0	%	10-120					
Nitrobenzene-d5	64.0	%	23-120					
2-Fluorobiphenyl	71.0	%	43-120					
2,4,6-Tribromophenol	26.0	%	10-120					
4-Terphenyl-d14	82.0	%	33-120					

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0605351-01
982482-GZ103104-COMP

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Polychlorinated Biphenyls				5	608	0417 15:15	0418 16:59	JB
Aroclor 1016	ND	ug/l	0.252					
Aroclor 1221	ND	ug/l	0.252					
Aroclor 1232	ND	ug/l	0.252					
Aroclor 1248	ND	ug/l	0.252					
Aroclor 1254	ND	ug/l	0.252					
Aroclor 1260	ND	ug/l	0.252					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	88.0	%	30-150					
Decachlorobiphenyl	54.0	%	30-150					

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

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: L0605351-03
982482-GZ103104-GZ103
Sample Matrix: WATER

Date Collected: 14-APR-2006 14:15
Date Received : 14-APR-2006
Date Reported : 19-APR-2006

Condition of Sample: Satisfactory
Field Prep: None

Number & Type of Containers: 4-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Pesticides by GC 504				14	504.1	0419 10:41	0419 14:26	AK
1,2-Dibromoethane	ND	ug/l	0.020					
Volatile Organics by GC/MS 624				5	624		0419 12:07	MM
Methylene chloride	ND	ug/l	12.					
1,1-Dichloroethane	ND	ug/l	3.8					
Chloroform	ND	ug/l	3.8					
Carbon tetrachloride	ND	ug/l	2.5					
1,2-Dichloropropane	ND	ug/l	8.8					
Dibromochloromethane	ND	ug/l	2.5					
1,1,2-Trichloroethane	ND	ug/l	3.8					
2-Chloroethylvinyl ether	ND	ug/l	25.					
Tetrachloroethene	ND	ug/l	3.8					
Chlorobenzene	ND	ug/l	8.8					
Trichlorofluoromethane	ND	ug/l	12.					
1,2-Dichloroethane	ND	ug/l	3.8					
1,1,1-Trichloroethane	ND	ug/l	5.0					
Bromodichloromethane	ND	ug/l	2.5					
trans-1,3-Dichloropropene	ND	ug/l	3.8					
cis-1,3-Dichloropropene	ND	ug/l	3.8					
Bromoform	ND	ug/l	2.5					
1,1,2,2-Tetrachloroethane	ND	ug/l	2.5					
Benzene	>500	ug/l	2.5					
Toluene	50	ug/l	2.5					
Ethylbenzene	6.9	ug/l	2.5					
Chloromethane	ND	ug/l	25.					
Bromomethane	ND	ug/l	12.					
Vinyl chloride	ND	ug/l	5.0					
Chloroethane	ND	ug/l	5.0					
1,1-Dichloroethene	ND	ug/l	2.5					
trans-1,2-Dichloroethene	ND	ug/l	3.8					
cis-1,2-Dichloroethene	ND	ug/l	2.5					
Trichloroethene	ND	ug/l	2.5					
1,2-Dichlorobenzene	ND	ug/l	12.					
1,3-Dichlorobenzene	ND	ug/l	12.					
1,4-Dichlorobenzene	ND	ug/l	12.					
p/m-Xylene	39	ug/l	5.0					
o-xylene	12	ug/l	2.5					
Xylene (Total)	50	ug/l	5.0					

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0605351-03
982482-GZ103104-GZ103

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 624 cont'd				5 624		0419 12:07	MM
Styrene	ND	ug/l	2.5				
Acetone	ND	ug/l	25.				
Carbon disulfide	ND	ug/l	12.				
2-Butanone	ND	ug/l	25.				
Vinyl acetate	ND	ug/l	50.				
4-Methyl-2-pentanone	ND	ug/l	25.				
2-Hexanone	ND	ug/l	25.				
Acrolein	ND	ug/l	20.				
Acrylonitrile	ND	ug/l	25.				
Methyl tert butyl ether	ND	ug/l	50.				
1,4-Dioxane	ND	ug/l	5000				
Tert-Butyl Alcohol	ND	ug/l	250				
Tertiary-Amyl Methyl Ether	ND	ug/l	50.				
Surrogate(s)	Recovery		QC Criteria				
Pentafluorobenzene	97.0	%	80-120				
Fluorobenzene	109	%	80-120				
4-Bromofluorobenzene	108	%	80-120				
Volatile Organics by GC/MS 624				5 624		0419 15:07	MM
Benzene	540	ug/l	5.0				
Surrogate(s)	Recovery		QC Criteria				
Pentafluorobenzene	88.0	%	80-120				
Fluorobenzene	97.0	%	80-120				
4-Bromofluorobenzene	107	%	80-120				

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

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: L0605351-04
982482-GZ103104-GZ104
Sample Matrix: WATER

Date Collected: 14-APR-2006 12:45
Date Received : 14-APR-2006
Date Reported : 19-APR-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 4-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Pesticides by GC 504				14 504.1	0419 10:41	0419 14:49	AK
1,2-Dibromoethane	ND	ug/l	0.020				
Volatile Organics by GC/MS 624				5 624		0419 12:43	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0605351-04
982482-GZ103104-GZ104

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 624 cont'd				5 624		0419 12:43	MM
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	96.0	%	80-120				
Fluorobenzene	101	%	80-120				
4-Bromofluorobenzene	108	%	80-120				

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

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:	L0605351-05	**Date Collected:**	14-APR-2006 12:45
	TRIP BLANK	**Date Received :**	14-APR-2006
Sample Matrix:	WATER	**Date Reported :**	19-APR-2006
Condition of Sample:	Satisfactory	**Field Prep:**	None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID

******* THIS SAMPLE IS ON HOLD *******

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

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0605351

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Solids, Total Suspended for sample(s) 01 (L0605351-01, WG236424-2)					
Solids, Total Suspended	3200	2800	mg/l	13	20
Cyanide, Total for sample(s) 01 (L0605351-01, WG236451-4)					
Cyanide, Total	0.107	0.106	mg/l	1	30
TPH for sample(s) 01 (L0605351-01, WG236464-4)					
TPH	89.0	49.6	mg/l	57	34
Phenolics, Total for sample(s) 01 (L0605351-01, WG236466-4)					
Phenolics, Total	0.43	0.41	mg/l	5	
Chromium, Hexavalent for sample(s) 01 (L0605351-01, WG236217-4)					
Chromium, Hexavalent	ND	ND	mg/l	NC	
Cyanide, Reactive for sample(s) 01 (L0605351-01, WG236470-3)					
Cyanide, Reactive	ND	ND	mg/l	NC	25
Sulfide, Reactive for sample(s) 01 (L0605351-01, WG236472-3)					
Sulfide, Reactive	9.0	8.3	mg/l	8	25
Total Metals for sample(s) 01 (L0605351-01, WG236501-1)					
Antimony, Total	0.0021	0.0023	mg/l	11	20
Cadmium, Total	0.0045	0.0048	mg/l	7	20
Lead, Total	0.5613	0.6084	mg/l	8	20
Silver, Total	ND	ND	mg/l	NC	20
Total Metals for sample(s) 01 (L0605351-01, WG236326-3)					
Mercury, Total	0.0066	0.0061	mg/l	8	
Volatile Organics by GC/MS 624 for sample(s) 03-04 (L0605153-03, WG236578-2)					
Methylene chloride	ND	ND	ug/l	NC	30
1,1-Dichloroethane	ND	ND	ug/l	NC	30
Chloroform	ND	ND	ug/l	NC	30
Carbon tetrachloride	ND	ND	ug/l	NC	30
1,2-Dichloropropane	ND	ND	ug/l	NC	30
Dibromochloromethane	ND	ND	ug/l	NC	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	ND	ND	ug/l	NC	30
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

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0605351

Continued

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Volatile Organics by GC/MS 624 for sample(s) 03-04 (L0605153-03, WG236578-2)					
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	ND	ND	ug/l	NC	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
Surrogate(s)	Recovery				QC Criteria
Pentafluorobenzene	87.0	91.0	%		80-120
Fluorobenzene	96.0	99.0	%		80-120
4-Bromofluorobenzene	107	102	%		80-120
Polychlorinated Biphenyls for sample(s) 01 (L0605351-01, WG236338-4)					
Aroclor 1016	ND	ND	ug/l	NC	30
Aroclor 1221	ND	ND	ug/l	NC	30
Aroclor 1232	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	88.0	77.0	%		30-150
Decachlorobiphenyl	54.0	48.0	%		30-150

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0605351

Parameter	% Recovery	QC Criteria
Cyanide, Total LCS for sample(s) 01 (WG236451-2)		
Cyanide, Total	101	90-110
Chlorine, Total Residual LCS for sample(s) 01 (WG236597-2)		
Chlorine, Total Residual	105	
pH LCS for sample(s) 01 (WG236596-1)		
pH	100	
TPH LCS for sample(s) 01 (WG236464-2)		
TPH	90	64-132
Phenolics, Total LCS for sample(s) 01 (WG236466-2)		
Phenolics, Total	95	
Chromium, Hexavalent LCS for sample(s) 01 (WG236217-2)		
Chromium, Hexavalent	100	
Cyanide, Reactive LCS for sample(s) 01 (WG236470-2)		
Cyanide, Reactive	62	30-125
Sulfide, Reactive LCS for sample(s) 01 (WG236472-2)		
Sulfide, Reactive	62	60-125
Total Metals LCS for sample(s) 01 (WG236501-4)		
Antimony, Total	94	80-120
Cadmium, Total	100	80-120
Lead, Total	98	80-120
Silver, Total	94	80-120
Total Metals LCS for sample(s) 01 (WG236594-2)		
Arsenic, Total	100	
Chromium, Total	95	
Copper, Total	92	
Iron, Total	91	
Manganese, Total	96	
Nickel, Total	96	
Selenium, Total	103	
Zinc, Total	101	
Total Metals LCS for sample(s) 01 (WG236326-1)		
Mercury, Total	114	
Pesticides by GC 504 LCS for sample(s) 03-04 (WG236552-2)		
1,2-Dibromoethane	104	

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0605351

Continued

Parameter	% Recovery	QC Criteria
Volatile Organics by GC/MS 624 LCS for sample(s) 03-04 (WG236578-7)		
Methylene chloride	89	10-221
1,1-Dichloroethane	85	59-155
Chloroform	98	51-138
Carbon tetrachloride	96	70-140
1,2-Dichloropropane	100	10-210
Dibromochloromethane	89	53-149
1,1,2-Trichloroethane	91	52-150
2-Chloroethylvinyl ether	82	10-305
Tetrachloroethene	87	64-148
Chlorobenzene	103	37-160
Trichlorofluoromethane	90	17-181
1,2-Dichloroethane	96	49-155
1,1,1-Trichloroethane	93	52-162
Bromodichloromethane	92	35-155
trans-1,3-Dichloropropene	82	17-183
cis-1,3-Dichloropropene	90	10-227
Bromoform	107	45-169
1,1,2,2-Tetrachloroethane	102	46-157
Benzene	99	37-151
Toluene	97	47-150
Ethylbenzene	112	37-162
Chloromethane	117	10-273
Bromomethane	91	10-242
Vinyl chloride	85	10-251
Chloroethane	95	14-230
1,1-Dichloroethene	89	10-234
trans-1,2-Dichloroethene	94	54-156
cis-1,2-Dichloroethene	93	60-140
Trichloroethene	94	71-157
1,2-Dichlorobenzene	96	18-190
1,3-Dichlorobenzene	96	59-156
1,4-Dichlorobenzene	99	18-190
p/m-Xylene	113	40-160
o-Xylene	110	40-160
XYLENE (TOTAL)	112	40-160
Styrene	120	40-160
Acetone	89	40-160
Carbon disulfide	95	40-160
2-Butanone	87	40-160
Vinyl acetate	78	40-160
4-Methyl-2-pentanone	83	40-160
2-Hexanone	78	40-160
Acrolein	113	40-160
Acrylonitrile	98	40-160
Surrogate(s)		
Pentafluorobenzene	109	80-120
Fluorobenzene	111	80-120

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0605351

Continued

Parameter	% Recovery	QC Criteria
Volatile Organics by GC/MS 624 LCS for sample(s) 03-04 (WG236578-7)		
4-Bromofluorobenzene	107	80-120
SVOC's by GC/MS 8270 LCS for sample(s) 01 (WG236588-2)		
Acenaphthene	68	46-118
1,2,4-Trichlorobenzene	57	39-98
2-Chloronaphthalene	69	40-140
1,2-Dichlorobenzene	53	40-140
1,4-Dichlorobenzene	51	36-97
2,4-Dinitrotoluene	92	24-96
2,6-Dinitrotoluene	90	40-140
Fluoranthene	96	40-140
4-Chlorophenyl phenyl ether	77	40-140
n-Nitrosodi-n-propylamine	52	41-116
Butyl benzyl phthalate	100	40-140
Anthracene	78	40-140
Pyrene	90	26-127
Hexachloropropene	55	40-140
P-Chloro-M-Cresol	70	23-97
2-Chlorophenol	52	27-123
2-Nitrophenol	61	30-130
4-Nitrophenol	52	10-80
2,4-Dinitrophenol	79	30-130
Pentachlorophenol	90	9-103
Phenol	25	12-110
Surrogate(s)		
2-Fluorophenol	36	21-120
Phenol-d6	32	10-120
Nitrobenzene-d5	64	23-120
2-Fluorobiphenyl	70	43-120
2,4,6-Tribromophenol	88	10-120
4-Terphenyl-d14	105	33-120
PAH by GC/MS SIM 8270M LCS for sample(s) 01 (WG236590-2)		
Acenaphthene	55	46-118
2-Chloronaphthalene	65	
Fluoranthene	92	
Anthracene	72	
Pyrene	90	26-127
Pentachlorophenol	70	9-103
Surrogate(s)		
2-Fluorophenol	45	21-120
Phenol-d6	38	10-120
Nitrobenzene-d5	65	23-120
2-Fluorobiphenyl	51	43-120
2,4,6-Tribromophenol	58	10-120
4-Terphenyl-d14	79	33-120

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0605351

Continued

Parameter	% Recovery	QC Criteria
Polychlorinated Biphenyls LCS for sample(s) 01 (WG236338-2)		
Aroclor 1016	74	40-140
Aroclor 1260	70	40-140
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	62	30-150
Decachlorobiphenyl	47	30-150
Cyanide, Total SPIKE for sample(s) 01 (L0605351-01, WG236451-3)		
Cyanide, Total	92	80-120
Phenolics, Total SPIKE for sample(s) 01 (L0605351-01, WG236466-3)		
Phenolics, Total	95	
Chromium, Hexavalent SPIKE for sample(s) 01 (L0605351-01, WG236217-3)		
Chromium, Hexavalent	0	
Total Metals SPIKE for sample(s) 01 (L0605351-01, WG236501-2)		
Antimony, Total	42	80-120
Cadmium, Total	76	80-120
Lead, Total	81	80-120
Silver, Total	72	80-120
Total Metals SPIKE for sample(s) 01 (L0605351-01, WG236326-2)		
Mercury, Total	74	
Pesticides by GC 504 SPIKE for sample(s) 03-04 (L0605351-03, WG236552-3)		
1,2-Dibromoethane	94	
Polychlorinated Biphenyls SPIKE for sample(s) 01 (L0605351-01, WG236338-3)		
Aroclor 1016	70	40-140
Aroclor 1260	70	40-140
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	80	30-150
Decachlorobiphenyl	48	30-150

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0605351

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01 (WG236424-1)								
Solids, Total Suspended	ND	mg/l	5.0	4	160.2		0418 15:15	DT
Blank Analysis for sample(s) 01 (WG236451-1)								
Cyanide, Total	ND	mg/l	0.005	4	335.2	0418 15:45	0418 23:27	DD
Blank Analysis for sample(s) 01 (WG236597-1)								
Chlorine, Total Residual	ND	mg/l	0.05	4	330.1		0414 19:30	DP
Blank Analysis for sample(s) 01 (WG236464-1)								
TPH	ND	mg/l	4.00	74	1664A	0418 13:30	0418 17:25	DP
Blank Analysis for sample(s) 01 (WG236466-1)								
Phenolics, Total	ND	mg/l	0.03	4	420.1		0418 09:30	AT
Blank Analysis for sample(s) 01 (WG236217-1)								
Chromium, Hexavalent	ND	mg/l	0.02	30	3500CR-D	0414 22:40	0414 22:40	DP
Blank Analysis for sample(s) 01 (WG236470-1)								
Cyanide, Reactive	ND	mg/l	0.05	1	7.3		0418 16:30	HG
Blank Analysis for sample(s) 01 (WG236472-1)								
Sulfide, Reactive	ND	mg/l	0.10	1	7.3		0418 16:30	HG
Blank Analysis for sample(s) 01 (WG236501-3)								
Total Metals								
Antimony, Total	ND	mg/l	0.0005	1	6020	0418 18:00	0419 00:33	BM
Cadmium, Total	ND	mg/l	0.0005	1	6020	0418 18:00	0419 00:33	BM
Lead, Total	ND	mg/l	0.0005	1	6020	0418 18:00	0419 00:33	BM
Silver, Total	ND	mg/l	0.0005	1	6020	0418 18:00	0419 00:33	BM
Blank Analysis for sample(s) 01 (WG236594-1)								
Total Metals				19	200.7			
Arsenic, Total	ND	mg/l	0.005	19	200.7	0417 19:30	0418 12:48	MG
Chromium, Total	ND	mg/l	0.01	19	200.7	0417 19:30	0418 12:48	MG
Copper, Total	ND	mg/l	0.01	19	200.7	0417 19:30	0418 12:48	MG
Iron, Total	ND	mg/l	0.05	19	200.7	0417 19:30	0418 12:48	MG
Manganese, Total	ND	mg/l	0.01	19	200.7	0417 19:30	0418 12:48	MG

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0605351

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01 (WG236594-1)								
Total Metals				19	200.7			
Nickel, Total	ND	mg/l	0.025	19	200.7	0417 19:30	0418 12:48	MG
Selenium, Total	ND	mg/l	0.005	19	200.7	0417 19:30	0418 12:48	MG
Zinc, Total	ND	mg/l	0.050	19	200.7	0417 19:30	0418 12:48	MG
Blank Analysis for sample(s) 01 (WG236326-4)								
Total Metals								
Mercury, Total	ND	mg/l	0.0002	4	245.2	0417 17:00	0418 10:34	DM
Blank Analysis for sample(s) 03-04 (WG236552-1)								
Pesticides by GC 504				14	504.1	0419 10:41	0419 13:19	AK
1,2-Dibromoethane	ND	ug/l	0.020					
Blank Analysis for sample(s) 03-04 (WG236578-8)								
Volatile Organics by GC/MS 624				5	624		0419 11:31	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					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0605351

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 03-04 (WG236578-8)							
Volatile Organics by GC/MS 624 cont'd				5 624		0419 11:31	MM
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.				
Surrogate(s)	Recovery		QC Criteria				
Pentafluorobenzene	88.0	%	80-120				
Fluorobenzene	97.0	%	80-120				
4-Bromofluorobenzene	102	%	80-120				
Blank Analysis for sample(s) 01 (WG236588-1)							
SVOC's by GC/MS 8270				1 8270C	0417 15:20	0418 13:56	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				

Chain-of-Custody Record

Laboratory: Alpha Woods Hole

Laboratory Job # (Lab use only) CLIENT: GEI: 1060351

GEI Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Information

Project Name: Boston Market Terminal

Project Location: Everett MA

Project Number: 982482-2

Project Manager: Andrew Adinolfi

Send Report to: Paul Silva

Send EDD to: labdata@geiconsultants.com

Preservative

Na2SO3		None		HCl	HsSO4	
	HNO3		None		NaOH	Na2SO3

Analysis

Sample Handling

Samples Field Filtered: YES (NO) NA

Sampled Shipped With Ice: (YES) NO

MCP CERTAINTY REQUIRED? -- YES (NO)

If Yes, Are MCP Analytical Methods Required? YES NO NA

If Yes, Are Drinking Water Samples Submitted? YES NO NA

If Yes, Have You Met Minimum Field QC Requirements? YES NO NA

Lab ID (Lab Use Only)	Sample ID	Date	Time	Matrix	# of Containers	Sampler	EPA 624, EPA 504	Total Metals (see note 1)	RCP/E-S TSS, TRC, Hex Cr, pH	8270 with PAH-low	TPH-1664	TCN	Tot Phenol	PCB	Sample Specific Notes
	982482-GZ103104-COMP	4/14/2006	1330	Aq	11	KW	-	1-250	2-1L	2-1L	2-1L	1-250	1-1L	2-1L	
	982482-GZ103	4/14/2006	1415	Aq	4	KW	4-voa								See Note 2
	982482-GZ104	4/14/2006	1245	Aq	4	KW	4-voa								See Note 2

Turnaround Time (Business Days)

Normal ____ Other ____

10-Day ____ 7-Day ____

5-Day ____ 3-Day ✓

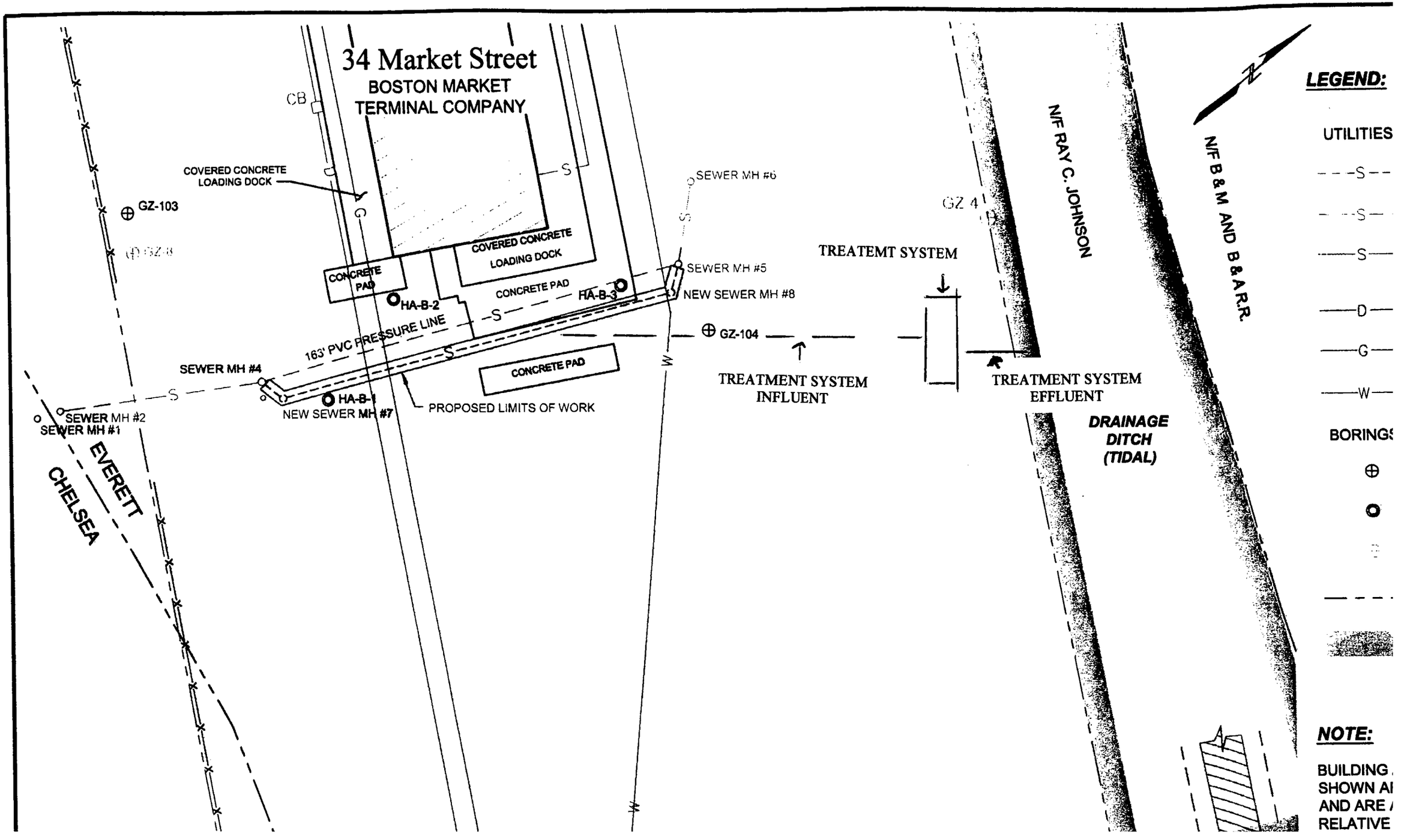
Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Relinquished by: (signature)	Date:	Time:	Received by: (signature)
1. Brian Wolff	4/14/06	1630	1. GEI Sample Bridge
2. Am. Adi	4/14/06	1800	2.
3.	4/14/06	20:15	3. Gary Kraimski
4.	Date:	Time:	4.

Additional Requirements/Comments/Remarks

Note 1. Total Metals-Sb, As, Cd, Cr, Cr, Pb, Hg, Ni, Se, Ag, Zn, Fe

Note 2. Composite samples 982482-GZ103 & 982482-GZ104; report as 982482-GZ103104-COMP


34 Market Street
BOSTON MARKET
TERMINAL COMPANY
CB
COVERED CONCRETE
LOADING DOCK
GZ-103
CONCRETE
PAD
HA-B-2
CONCRETE PAD
COVERED CONCRETE
LOADING DOCK
HA-B-3
SEWER MH #6
SEWER MH #5
NEW SEWER MH #8
163' PVC PRESSURE LINE
GZ-104
SEWER MH #4
CONCRETE PAD
HA-B-1
NEW SEWER MH #7
PROPOSED LIMITS OF WORK
SEWER MH #2
SEWER MH #1
EVERETT
CHELSEA
TREATEMT SYSTEM
TREATMENT SYSTEM
INFLUENT
TREATMENT SYSTEM
EFFLUENT
GZ 4
N/F RAY C. JOHNSON
N/F B & M AND B & A R.R.
DRAINAGE
DITCH
(TIDAL)
LEGEND:
UTILITIES
BORINGS
NOTE:
BUILDING
SHOWN AI
AND ARE
RELATIVE