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:
Proposed CVS Pharmacy Store No. 04073
(Former VIP Gasoline Station)</td><td colspan="4">Facility/site address:
174 Main Street</td></tr>
<tr><td>Location of facility/site:
longitude: 70º55'11" latitude: 42º31'24"</td><td>Facility SIC code(s):
5921</td><td colspan="4">Street:
Main Street</td></tr>
<tr><td colspan="2">b) Name of facility/site owner: Jerome R. Sousa, Jr.</td><td colspan="4">Town: Peabody</td></tr>
<tr><td colspan="2" rowspan="2">Email address of owner:</td><td rowspan="2">State:
MA</td><td rowspan="2">Zip:
01960</td><td rowspan="2">County:
Essex</td></tr>
<tr><td colspan="2">Telephone no.of facility/site owner: (603) 938-2200</td></tr>
<tr><td colspan="2">Fax no. of facility/site owner:</td><td colspan="3" rowspan="2">Owner is (check one): 1. Federal ___ 2. State/Tribal ___
3. Private ✔ 4. other, if so, describe:</td></tr>
<tr><td colspan="2">Address of owner (if different from site):</td></tr>
<tr><td colspan="5">Street: 10A Chapel Street</td></tr>
<tr><td>Town: North Hampton</td><td>State: NH</td><td>Zip: 03862</td><td colspan="2">County: Rockingham</td></tr>
<tr><td rowspan="2">c) Legal name of operator:
Gershman Brown Crowley, Inc.</td><td colspan="4">Operator telephone no: (401) 521-7333</td></tr>
<tr><td colspan="2">Operator fax no.: (401) 521-1535</td><td colspan="2">Operator email:
dmurray@gershmanbrowncrowley.com</td></tr>
<tr><td colspan="5">Operator contact name and title: Doug Murray, Construction Project Manager</td></tr>
</table>

Address of **operator** (if different from owner):	Street: 14 Breakneck Hill Road		
Town: Lincoln	State: RI	Zip: 02865	County: Providence

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:

The discharge is from groundwater recovered from construction-related excavations during property redevelopment. The discharge will be treated on-site using granular activated charcoal (GAC) prior to discharge to Strongwater Brook. The treatment system does not contain processes that alter the temperature of the water prior to discharge.

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, ft^3/s)? Max. flow 10.03 Average flow 4.01 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. 70º55'11" lat. 42º31'24"; 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): None	5) Is the discharge intermittent ✔ or seasonal ____? Is discharge ongoing Yes ____ No ✔?
c) Expected dates of discharge (mm/dd/yy): start 08/03/09 end 09/04/09	
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 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	☐	✔	1	grab	2540D	15,000µg/l	ND		ND	
2. Total Residual Chlorine	✔	☐	1	grab	4500CL-D	20 µg/l	ND		ND	
3. Total Petroleum Hydrocarbons	☐	✔	1	grab	1664A	4,000 µg/l	ND		ND	
4. Cyanide	✔	☐	1	grab	4200CN-Ce	.5 µg/l	ND		ND	
5. Benzene	☐	✔	1	grab	624	10 µg/l	ND		ND	
6. Toluene	☐	✔	1	grab	624	10 µg/l	ND		ND	
7. Ethylbenzene	☐	✔	1	grab	624	10 µg/l	ND		ND	
8. (m,p,o) Xylenes	☐	✔	1	grab	624	20 µg/l	ND		ND	
9. Total BTEX[4]	☐	✔	1	grab	624	10 µg/l	ND		ND	

[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)	✔		1	grab	504.1	0.019 µg/l	ND		ND	
11. Methyl-tert-Butyl Ether (MtBE)		✔	1	grab	624	200 µg/l	ND		ND	
12. tert-Butyl Alcohol (TBA)	✔		1	grab	624	1,000 µg/l	ND		ND	
13. tert-Amyl Methyl Ether (TAME)	✔		1	grab	624	200 µg/l	ND		ND	
14. Naphthalene		✔	1	grab	8270	1.9 µg/l	ND		ND	
15. Carbon Tetra-chloride	✔		1	grab	624	10 µg/l	ND		ND	
16. 1,4 Dichlorobenzene	✔		1	grab	624	50 µg/l	ND		ND	
17. 1,2 Dichlorobenzene	✔		1	grab	624	50 µg/l	ND		ND	
18. 1,3 Dichlorobenzene	✔		1	grab	624	50 µg/l	ND		ND	
19. 1,1 Dichloroethane	✔		1	grab	624	15 µg/l	ND		ND	
20. 1,2 Dichloroethane	✔		1	grab	624	15 µg/l	ND		ND	
21. 1,1 Dichloroethylene	✔		1	grab	624	10 µg/l	ND		ND	
22. cis-1,2 Dichloro-ethylene	✔		1	grab	624	10 µg/l	ND		ND	
23. Dichloromethane (Methylene Chloride)	✔		1	grab	624	50 µg/l	ND		ND	
24. Tetrachloroethylene	✔		1	grab	624	15 µg/l	ND		ND	

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)
25. 1,1,1 Trichloroethane	✔		1	grab	624	20µg/l	ND		620	
26. 1,1,2 Trichloroethane	✔		1	grab	624	15 µg/l	ND		ND	
27. Trichloroethylene	✔		1	grab	624	10 µg/l	ND		ND	
28. Vinyl Chloride	✔		1	grab	624	20 µg/l	ND		ND	
29. Acetone	✔		1	grab	624	100 µg/l	ND		ND	
30. 1,4 Dioxane	✔		1	grab	624	20,000 µg/l	ND		ND	
31. Total Phenols	✔		1	grab	8270	0.15 µg/l	ND		ND	
32. Pentachlorophenol	✔		1	grab	8270	7.8 µg/l	ND		ND	
33. Total Phthalates [5] (Phthalate esthers)	✔		1	grab	8270	4.9 µg/l	ND		ND	
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✔		1	grab	8270	4.9 µg/l	ND		ND	
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	✔		1	grab	8270	1.9 µg/l	ND		ND	
a. Benzo(a) Anthracene	✔		1	grab	8270	1.9 µg/l	ND		ND	
b. Benzo(a) Pyrene	✔		1	grab	8270	1.9 µg/l	ND		ND	
c. Benzo(b)Fluoranthene	✔		1	grab	8270	1.9 µg/l	ND		ND	
d. Benzo(k) Fluoranthene	✔		1	grab	8270	1.9 µg/l	ND		ND	
e. Chrysene	✔		1	grab	8270	1.9 µg/l	ND		ND	

[5] The 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	✔		1	grab	8270M	1.9 µg/l	ND		ND	
g. Indeno(1,2,3-cd) Pyrene	✔		1	grab	8270M	1.9 µg/l	ND		ND	
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)		✔	1	grab	8270M	1.9 µg/l	ND		ND	
h. Acenaphthene	✔		1	grab	8270M	1.9 µg/l	ND		ND	
i. Acenaphthylene	✔		1	grab	8270M	1.9 µg/l	ND		ND	
j. Anthracene	✔		1	grab	8270M	1.9 µg/l	ND		ND	
k. Benzo(ghi) Perylene	✔		1	grab	8270M	1.9 µg/l	ND		ND	
l. Fluoranthene	✔		1	grab	8270M	1.9 µg/l	ND		ND	
m. Fluorene	✔		1	grab	8270M	1.9 µg/l	ND		ND	
n. Naphthalene-		✔	1	grab	8270	1.9 µg/l	ND		ND	
o. Phenanthrene		✔	1	grab	8270M	1.9 µg/l	ND		ND	
p. Pyrene	✔		1	grab	8270M	1.9 µg/l	ND		ND	
37. Total Polychlorinated Biphenyls (PCBs)	✔		1	grab	608	0.258 µg/l	ND		ND	
***3*8. Antimony**		✔	1	grab	6020	0.5 µg/l	ND		ND	
39. Arsenic		✔	1	grab	6020	0.5 µg/l	ND		ND	
40. Cadmium		✔	1	grab	6020	0.2 µg/l	ND		ND	
41. Chromium III		✔	1	grab	6020	0.5 µg/l	ND		ND	
42. Chromium VI	✔		1	grab	3500Cr-D	10 µg/l	ND		ND	

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)
43. Copper		✔	1	grab	6020	0.5 µg/l	ND		ND	
44. Lead		✔	1	grab	6020	0.5 µg/l	ND		ND	
45. Mercury		✔	1	grab	245.1	0.2 µg/l	ND		ND	
46. Nickel		✔	1	grab	6020	0.5 µg/l	ND		ND	
47. Selenium		✔	1	grab	6020	1 µg/l	ND		ND	
48. Silver	✔		1	grab	6020	0.4 µg/l	ND		ND	
49. Zinc		✔	1	grab	6020	5 µg/l	ND		ND	
50. Iron		✔	1	grab	200.7	50 µg/l	ND		ND	
Other (describe):										

c) 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_✔_ N__	If yes, which metals? arsenic, cadmium, copper, lead, zinc, iron
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: 0	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: arsenic

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:

The objective of the treatment system is to recover and treat groundwater impacted with petroleum compounds and metals as part of dewatering associated with property redevelopment. Since much of the utility and foundation work must be performed "in the dry", groundwater will be pumped from open excavations into a fractionation tank to allow silt and fines to settle-out. Water from the fractionation tank will be pumped into the treatment system, which will consist of two granular-activated carbon (GAC) filtering vessels and a bag filter.

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): Granular Ferric Hydroxide (GFH) ion exchange			

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 30 Maximum flow rate of treatment system 75 Design flow rate of treatment system 75

d) A description of chemical additives being used or planned to be used (attach MSDS sheets):

None

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): drainage swale

b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters:

After treatment, water will be temporarily containerized in a fractionation tank. After receipt of analytical data, water will be discharged to Strongwater Brook, which is culverted beneath a part of the Site and then runs in a westerly direction (in an open streambed) near the northern property boundary. The Strongwater Brook eventually discharges to the North River.

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 B,

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 0 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.

Attached: Copy of influent sample laboratory chemical analysis data report and groundwater analytical report for Phase II LSI at property in 2008.

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:

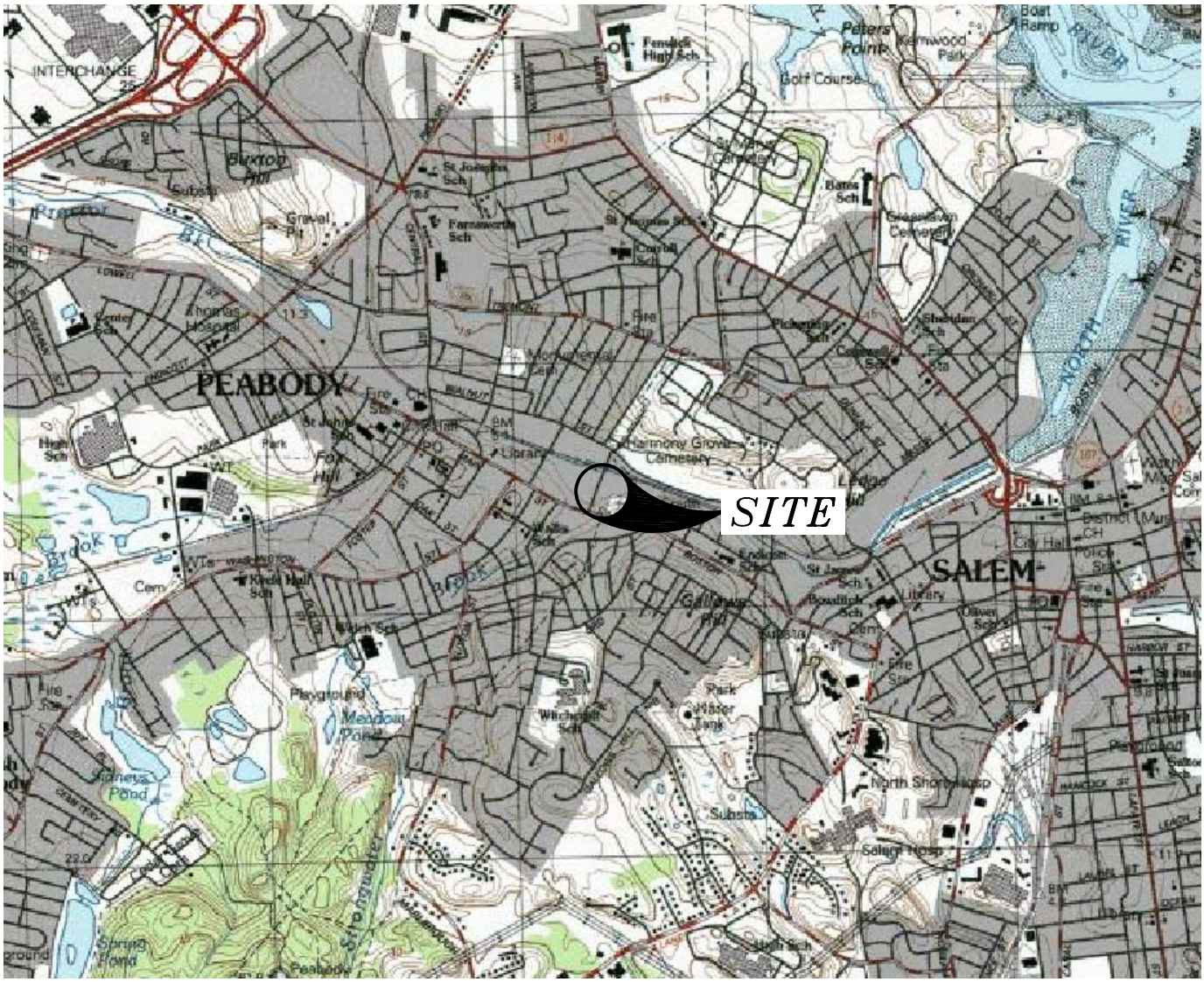
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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: Proposed CVS Pharmacy Store No. 04073

Operator signature: 

Title: Construction Project Manager

Date: July 28, 2009



TAKEN FROM U.S.G.S. 7.5x15 MINUTE SERIES TOPOGRAPHIC MAP OF SALEM, MASSACHUSETTS–1985.

CONTOUR INTERVAL IS 3 METERS

SITE COORDINATES: LATITUDE 42°31'24"
LONGITUDE 70°55'11"

UTM COORDINATES: 47: 09: 480mN
3: 42: 358mE

QUADRANGLE LOCATION

SCALE in FEET
1: 25,000

RANSOM Environmental Consultants, Inc.

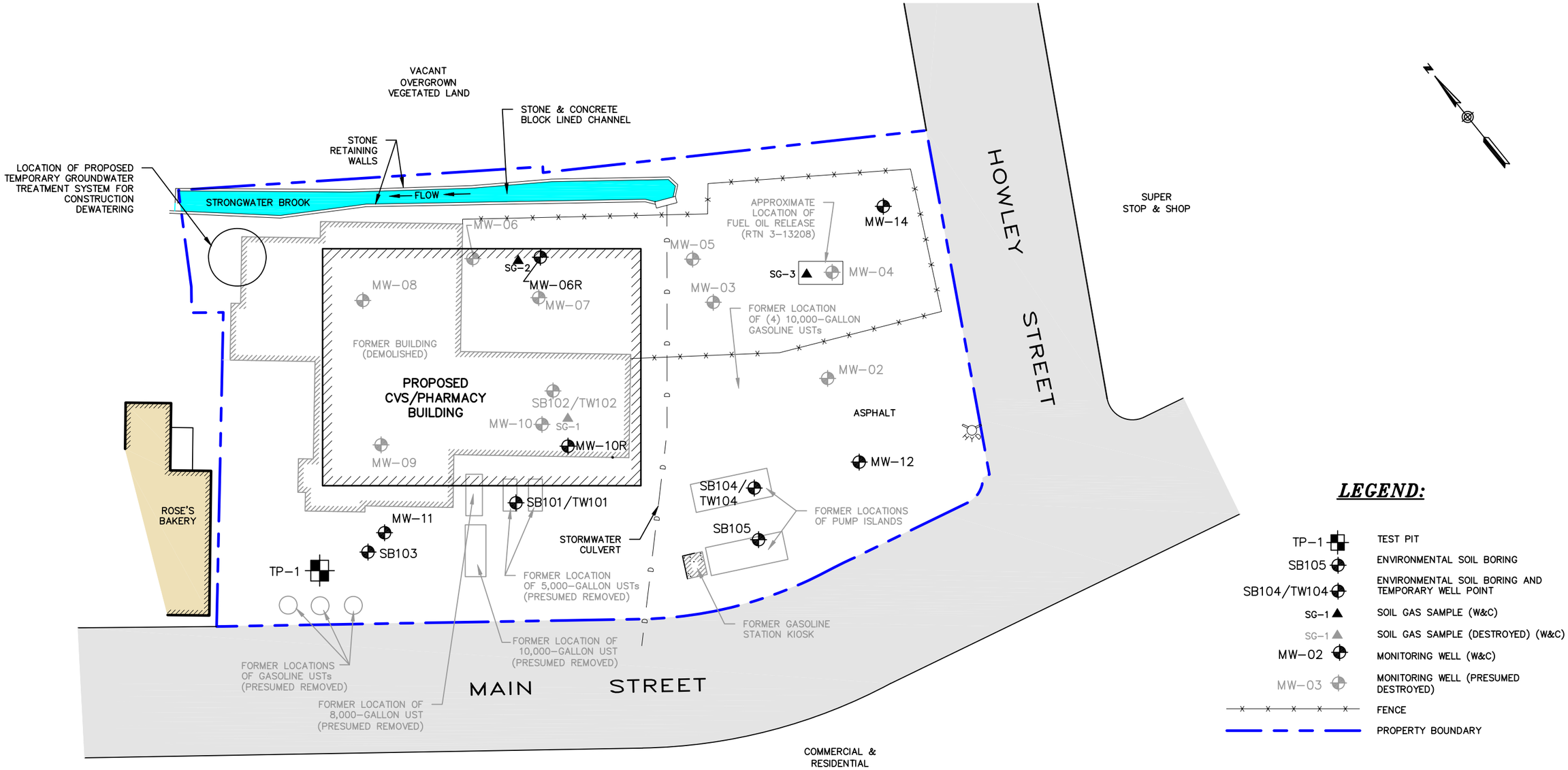
SITE LOCATION MAP

PREPARED FOR:
CVS REALTY COMPANY
ONE CVS DRIVE
WOONSOCKET, RHODE ISLAND

SITE:
PROPOSED CVS PHARMACY/
STORE No. 04073
174 MAIN STREET
PEABODY, MASSACHUSETTS

DATE: MARCH 2009
PROJECT: 066072
FIGURE: 1

P:\ME-DWGS\2006\066072\06607200.dwg



LEGEND:

- TP-1 — TEST PIT
- SB105 — ENVIRONMENTAL SOIL BORING
- SB104/TW104 — ENVIRONMENTAL SOIL BORING AND TEMPORARY WELL POINT
- SG-1 — SOIL GAS SAMPLE (W&C)
- SG-1 — SOIL GAS SAMPLE (DESTROYED) (W&C)
- MW-02 — MONITORING WELL (W&C)
- MW-03 — MONITORING WELL (PRESUMED DESTROYED)
- FENCE
- PROPERTY BOUNDARY

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM ENVIRONMENTAL CONSULTANTS, INC. ON NOVEMBER 20, 2006 AND JULY 17, 2008.
2. HISTORICAL SUBSURFACE INVESTIGATION AND EXPLORATION LOCATIONS SHOWN WERE COMPLETED BY WOODARD AND CURRAN (W&C).
3. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
4. THIS PLAN HAS BEEN PREPARED FOR GERSHMAN BROWN CROWLEY, INC. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM ENVIRONMENTAL CONSULTANTS, INC.

0 20 40 80

SCALE in FEET
1"=40'

RANSOM Environmental Consultants, Inc.

PREPARED FOR:
GERSHMAN BROWN
CROWLEY, INC.
14 BREAKNECK HILL ROAD
LINCOLN, RHODE ISLAND

SITE:
PROPOSED CVS PHARMACY/
STORE No. 04073
174 MAIN STREET
PEABODY, MASSACHUSETTS

SITE PLAN

DATE: JULY 2009
PROJECT: 066072
FIGURE: 2

P:\ME-DWGS\2006\066072\06607207.dwg Jul 27, 2009 - 3:40pm

RANSOM Environmental Consultants, Inc.

Newburyport, Massachusetts	978-465-1822
Providence, Rhode Island	401-433-2160
Portsmouth, New Hampshire	603-436-1490
Portland, Maine	207-772-2891
Hamilton, New Jersey	609-584-0090

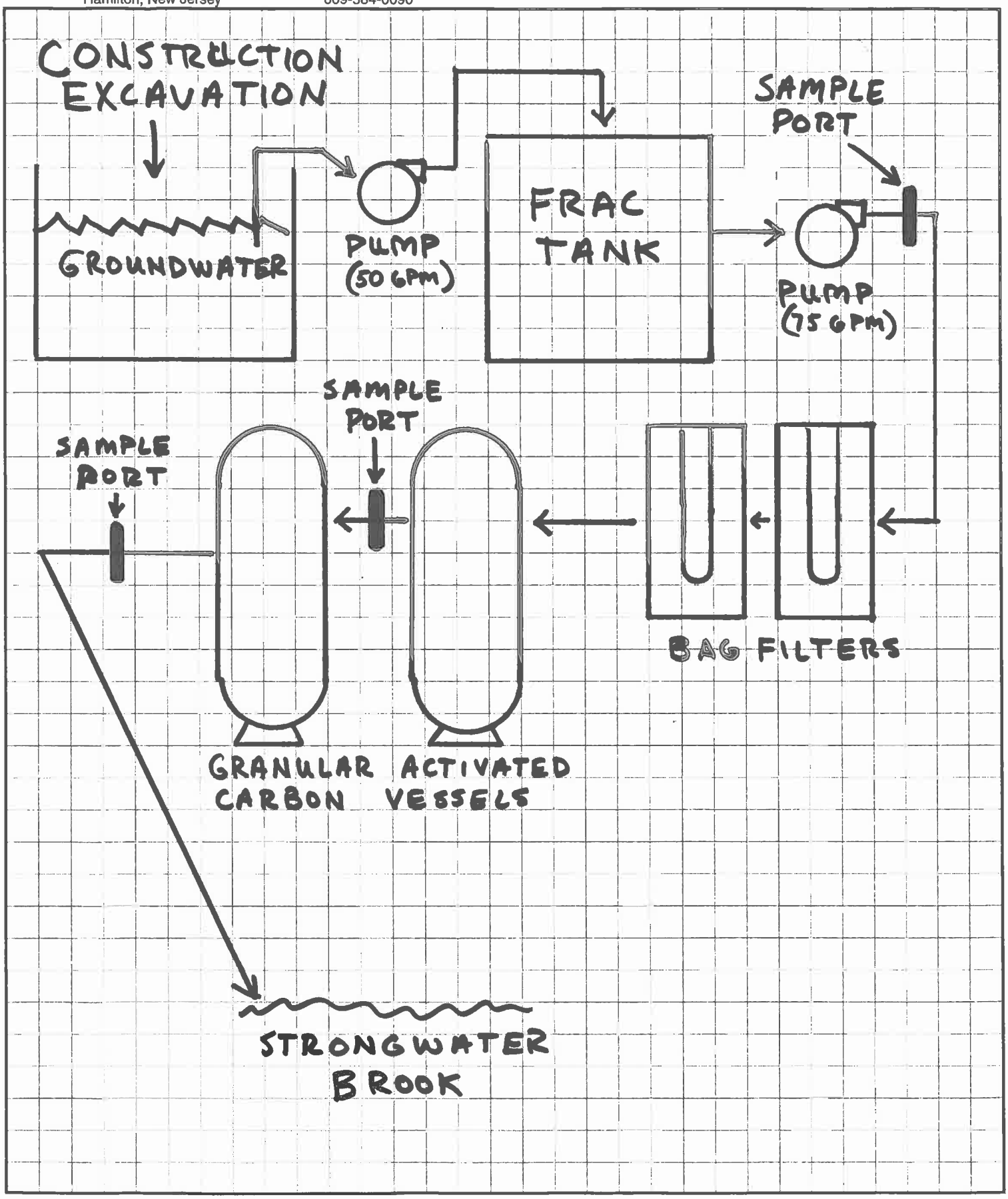
PROJECT NO. _____ SITE _____

SHEET NO. _____ OF _____

CALCULATED BY _____ DATE _____

CHECKED BY _____ DATE _____

SCALE _____



ANALYTICAL REPORT

Lab Number:	L0909476
Client:	Ransom Environmental Browns Wharf Newburyport, MA 01950
ATTN:	Peter Sherr
Project Name:	MAIN AND HOWLEY STREET
Project Number:	R061.06072.011
Report Date:	07/16/09

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L0909476-01	INFLU-W1-071309	PEABODY, MA	07/13/09 17:24

Project Name:	MAIN AND HOWLEY STREET	**Lab Number:**	L0909476
Project Number:	R061.06072.011	**Report Date:**	07/16/09

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

Report Submission

This report contains the results of all requested analyses with the exception of PCB. The PCB results will be issued under separate cover.

Volatile Organics

L0909476-01 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Project Name:	MAIN AND HOWLEY STREET	**Lab Number:**	L0909476
Project Number:	R061.06072.011	**Report Date:**	07/16/09

Case Narrative (continued)

Semivolatile Organics by SIM

L0909476-01 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG370896-2/-3 LCS/LCSD RPD associated with L0909476-01 is above the acceptance criteria for 2-Chloronaphthalene (55%); however, the individual LCS/LCSD recoveries are within method limits. The results of the associated sample are reported.

Solids, Total Suspended

L0909476-01 has an elevated detection limit due to the dilution required by the sample matrix.

Phenolics, Total

L0909476-01 has an elevated detection limit due to the dilution required by the sample matrix.

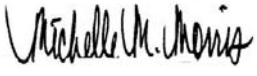
Chlorine, Total Residual

L0909476-01 was analyzed with the method required holding time exceeded.

Chromium, Hexavalent

L0909476-01 was analyzed with the method required holding time exceeded.

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

Authorized Signature: 

Title: Technical Director/Representative Date: 07/16/09

ORGANICS

VOLATILES

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

SAMPLE RESULTS

Lab ID:	L0909476-01	Date Collected:	07/13/09 17:24
Client ID:	INFLU-W1-071309	Date Received:	07/14/09
Sample Location:	PEABODY, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	14,504.1		
Analytical Date:	07/16/09 04:48		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Pesticides by GC - Westborough Lab					
1,2-Dibromoethane	ND		ug/l	0.019	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.019	1

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

SAMPLE RESULTS

Lab ID:	L0909476-01	Date Collected:	07/13/09 17:24
Client ID:	INFLU-W1-071309	Date Received:	07/14/09
Sample Location:	PEABODY, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	5,624		
Analytical Date:	07/15/09 13:51		
Analyst:	TT		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	50	10
1,1-Dichloroethane	ND		ug/l	15	10
Chloroform	ND		ug/l	15	10
Carbon tetrachloride	ND		ug/l	10	10
1,2-Dichloropropane	ND		ug/l	35	10
Dibromochloromethane	ND		ug/l	10	10
1,1,2-Trichloroethane	ND		ug/l	15	10
2-Chloroethylvinyl ether	ND		ug/l	100	10
Tetrachloroethene	ND		ug/l	15	10
Chlorobenzene	ND		ug/l	35	10
Trichlorofluoromethane	ND		ug/l	50	10
1,2-Dichloroethane	ND		ug/l	15	10
1,1,1-Trichloroethane	ND		ug/l	20	10
Bromodichloromethane	ND		ug/l	10	10
trans-1,3-Dichloropropene	ND		ug/l	15	10
cis-1,3-Dichloropropene	ND		ug/l	15	10
Bromoform	ND		ug/l	10	10
1,1,2,2-Tetrachloroethane	ND		ug/l	10	10
Benzene	12		ug/l	10	10
Toluene	490		ug/l	10	10
Ethylbenzene	490		ug/l	10	10
Chloromethane	ND		ug/l	100	10
Bromomethane	ND		ug/l	50	10
Vinyl chloride	ND		ug/l	20	10
Chloroethane	ND		ug/l	20	10
1,1-Dichloroethene	ND		ug/l	10	10
trans-1,2-Dichloroethene	ND		ug/l	15	10
cis-1,2-Dichloroethene	ND		ug/l	10	10
Trichloroethene	ND		ug/l	10	10
1,2-Dichlorobenzene	ND		ug/l	50	10

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

SAMPLE RESULTS

Lab ID: L0909476-01 Date Collected: 07/13/09 17:24

Client ID: INFLU-W1-071309 Date Received: 07/14/09

Sample Location: PEABODY, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	50	10
1,4-Dichlorobenzene	ND		ug/l	50	10
p/m-Xylene	2100		ug/l	20	10
o-xylene	820		ug/l	10	10
Xylene (Total)	2900		ug/l	20	10
Styrene	ND		ug/l	10	10
Acetone	ND		ug/l	100	10
Carbon disulfide	ND		ug/l	50	10
2-Butanone	ND		ug/l	100	10
Vinyl acetate	ND		ug/l	200	10
4-Methyl-2-pentanone	ND		ug/l	100	10
2-Hexanone	ND		ug/l	100	10
Acrolein	ND		ug/l	80	10
Acrylonitrile	ND		ug/l	100	10
Methyl tert butyl ether	ND		ug/l	200	10
1,4-Dioxane	ND		ug/l	20000	10
Tert-Butyl Alcohol	ND		ug/l	1000	10
Tertiary-Amyl Methyl Ether	ND		ug/l	200	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	108		80-120
Fluorobenzene	98		80-120
4-Bromofluorobenzene	104		80-120

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 5,624
Analytical Date: 07/15/09 08:23
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG370900-6				
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

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 5,624
Analytical Date: 07/15/09 08:23
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG370900-6				
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	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	104		80-120
Fluorobenzene	95		80-120
4-Bromofluorobenzene	102		80-120

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 14,504.1
Analytical Date: 07/16/09 03:37
Analyst: JB

Parameter	Result	Qualifier	Units	RDL
Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG371109-1				
1,2-Dibromoethane	ND		ug/l	0.020
1,2-Dibromo-3-chloropropane	ND		ug/l	0.020

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAIN AND HOWLEY STREET

Project Number: R061.06072.011

Lab Number: L0909476

Report Date: 07/16/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG370900-5					
Methylene chloride	133	-	1-221	-	30
1,1-Dichloroethane	122	-	59-155	-	30
Chloroform	124	-	51-138	-	30
Carbon tetrachloride	120	-	70-140	-	30
1,2-Dichloropropane	110	-	1-210	-	30
Dibromochloromethane	132	-	53-149	-	30
1,1,2-Trichloroethane	123	-	52-150	-	30
2-Chloroethylvinyl ether	110	-	1-305	-	30
Tetrachloroethene	131	-	64-148	-	30
Chlorobenzene	110	-	37-160	-	30
Trichlorofluoromethane	133	-	17-181	-	30
1,2-Dichloroethane	131	-	49-155	-	30
1,1,1-Trichloroethane	111	-	52-162	-	30
Bromodichloromethane	132	-	35-155	-	30
trans-1,3-Dichloropropene	97	-	17-183	-	30
cis-1,3-Dichloropropene	100	-	1-227	-	30
Bromoform	124	-	45-169	-	30
1,1,2,2-Tetrachloroethane	101	-	46-157	-	30
Benzene	111	-	37-151	-	30
Toluene	121	-	47-150	-	30
Ethylbenzene	113	-	37-162	-	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG370900-5					
Chloromethane	129	-	1-273	-	30
Bromomethane	81	-	1-242	-	30
Vinyl chloride	115	-	1-251	-	30
Chloroethane	120	-	14-230	-	30
1,1-Dichloroethene	138	-	1-234	-	30
trans-1,2-Dichloroethene	127	-	54-156	-	30
cis-1,2-Dichloroethene	113	-	60-140	-	30
Trichloroethene	123	-	71-157	-	30
1,2-Dichlorobenzene	111	-	18-190	-	30
1,3-Dichlorobenzene	112	-	59-156	-	30
1,4-Dichlorobenzene	110	-	18-190	-	30
p/m-Xylene	109	-	40-160	-	30
o-Xylene	108	-	40-160	-	30
XYLENE (TOTAL)	109	-	40-160	-	30
Styrene	104	-	40-160	-	30
Acetone	140	-	40-160	-	30
Carbon disulfide	114	-	40-160	-	30
2-Butanone	112	-	40-160	-	30
Vinyl acetate	138	-	40-160	-	30
4-Methyl-2-pentanone	116	-	40-160	-	30
2-Hexanone	118	-	40-160	-	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG370900-5					
Acrolein	77	-	40-160	-	30
Acrylonitrile	107	-	40-160	-	30

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	105				80-120
Fluorobenzene	96				80-120
4-Bromofluorobenzene	102				80-120

Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG371109-2					
1,2-Dibromoethane	105	-	70-130	-	20
1,2-Dibromo-3-chloropropane	99	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01	QC Batch ID: WG370900-3				QC Sample: L0909422-01		Client ID: MS Sample		
Methylene chloride	ND	20	24	118	-	-	1-221	-	30
1,1-Dichloroethane	ND	20	23	115	-	-	59-155	-	30
Chloroform	ND	20	25	125	-	-	51-138	-	30
Carbon tetrachloride	ND	20	26	129	-	-	70-140	-	30
1,2-Dichloropropane	ND	20	21	106	-	-	1-210	-	30
Dibromochloromethane	ND	20	26	132	-	-	53-149	-	30
1,1,2-Trichloroethane	ND	20	23	116	-	-	52-150	-	30
2-Chloroethylvinyl ether	ND	20	20	100	-	-	1-305	-	30
Tetrachloroethene	ND	20	26	128	-	-	64-148	-	30
Chlorobenzene	ND	20	22	108	-	-	37-160	-	30
Trichlorofluoromethane	ND	20	26	131	-	-	17-181	-	30
1,2-Dichloroethane	ND	20	25	125	-	-	49-155	-	30
1,1,1-Trichloroethane	ND	20	22	108	-	-	52-162	-	30
Bromodichloromethane	ND	20	26	131	-	-	35-155	-	30
trans-1,3-Dichloropropene	ND	20	16	80	-	-	17-183	-	30
cis-1,3-Dichloropropene	ND	20	15	74	-	-	1-227	-	30
Bromoform	ND	20	25	127	-	-	45-169	-	30
1,1,2,2-Tetrachloroethane	ND	20	20	101	-	-	46-157	-	30
Benzene	ND	20	21	107	-	-	35-151	-	30
Toluene	ND	20	23	114	-	-	47-150	-	30
Ethylbenzene	ND	20	22	110	-	-	37-162	-	30

Matrix Spike Analysis
Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01	QC Batch ID: WG370900-3		QC Sample: L0909422-01		Client ID: MS Sample				
Chloromethane	ND	20	24	118	-	-	1-273	-	30
Bromomethane	ND	20	10	50	-	-	1-242	-	30
Vinyl chloride	ND	20	23	114	-	-	1-251	-	30
Chloroethane	ND	20	23	116	-	-	14-230	-	30
1,1-Dichloroethene	ND	20	27	134	-	-	1-234	-	30
trans-1,2-Dichloroethene	ND	20	24	123	-	-	54-156	-	30
cis-1,2-Dichloroethene	ND	20	21	105	-	-	60-140	-	30
Trichloroethene	ND	20	22	112	-	-	71-157	-	30
1,2-Dichlorobenzene	ND	20	21	106	-	-	18-190	-	30
1,3-Dichlorobenzene	ND	20	22	108	-	-	59-156	-	30
1,4-Dichlorobenzene	ND	20	21	105	-	-	18-190	-	30
p/m-Xylene	ND	40	43	107	-	-	40-160	-	30
o-Xylene	ND	20	21	103	-	-	40-160	-	30
XYLENE (TOTAL)	ND	60	63	106	-	-	40-160	-	30
Styrene	ND	20	20	100	-	-	40-160	-	30
Acetone	ND	50	64	129	-	-	40-160	-	30
Carbon disulfide	ND	20	20	102	-	-	40-160	-	30
2-Butanone	ND	50	50	101	-	-	40-160	-	30
Vinyl acetate	ND	40	54	136	-	-	40-160	-	30
4-Methyl-2-pentanone	ND	50	53	106	-	-	40-160	-	30
2-Hexanone	ND	50	54	108	-	-	40-160	-	30

Matrix Spike Analysis
Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370900-3 QC Sample: L0909422-01 Client ID: MS Sample									
Acrolein	ND	40	ND	**0**	-	-	40-160	-	30
Acrylonitrile	ND	40	36	90	-	-	40-160	-	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
4-Bromofluorobenzene	101				80-120
Fluorobenzene	94				80-120
Pentafluorobenzene	103				80-120

Pesticides by GC - Westborough Lab Associated sample(s): 01 QC Batch ID: WG371109-3 QC Sample: L0909058-01 Client ID: MS Sample									
1,2-Dibromoethane	ND	0.241	0.253	105	-	-	70-130	-	20
1,2-Dibromo-3-chloropropane	ND	0.241	0.218	90	-	-	70-130	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370900-4 QC Sample: L0909422-03 Client ID: DUP Sample					
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
Benzene	ND	ND	ug/l	NC	30

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370900-4 QC Sample: L0909422-03 Client ID: DUP Sample					
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	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
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

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370900-4 QC Sample: L0909422-03 Client ID: DUP Sample					
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	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	103		105		80-120
Fluorobenzene	95		96		80-120
4-Bromofluorobenzene	106		106		80-120

SEMIVOLATILES

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

SAMPLE RESULTS

Lab ID:	L0909476-01	Date Collected:	07/13/09 17:24
Client ID:	INFLU-W1-071309	Date Received:	07/14/09
Sample Location:	PEABODY, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270C	Extraction Date:	07/14/09 23:48
Analytical Date:	07/16/09 12:04		
Analyst:	HL		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab					
Acenaphthene	ND		ug/l	1.9	10
2-Chloronaphthalene	ND		ug/l	1.9	10
Fluoranthene	ND		ug/l	1.9	10
Hexachlorobutadiene	ND		ug/l	4.9	10
Naphthalene	130		ug/l	1.9	10
Benzo(a)anthracene	ND		ug/l	1.9	10
Benzo(a)pyrene	ND		ug/l	1.9	10
Benzo(b)fluoranthene	ND		ug/l	1.9	10
Benzo(k)fluoranthene	ND		ug/l	1.9	10
Chrysene	ND		ug/l	1.9	10
Acenaphthylene	ND		ug/l	1.9	10
Anthracene	ND		ug/l	1.9	10
Benzo(ghi)perylene	ND		ug/l	1.9	10
Fluorene	ND		ug/l	1.9	10
Phenanthrene	ND		ug/l	1.9	10
Dibenzo(a,h)anthracene	ND		ug/l	1.9	10
Indeno(1,2,3-cd)Pyrene	ND		ug/l	1.9	10
Pyrene	ND		ug/l	1.9	10
1-Methylnaphthalene	39		ug/l	1.9	10
2-Methylnaphthalene	70		ug/l	1.9	10
Pentachlorophenol	ND		ug/l	7.8	10
Hexachlorobenzene	ND		ug/l	7.8	10
Hexachloroethane	ND		ug/l	7.8	10

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

SAMPLE RESULTS

Lab ID: L0909476-01 Date Collected: 07/13/09 17:24

Client ID: INFLU-W1-071309 Date Received: 07/14/09

Sample Location: PEABODY, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	100		33-120

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

SAMPLE RESULTS

Lab ID:	L0909476-01	Date Collected:	07/13/09 17:24
Client ID:	INFLU-W1-071309	Date Received:	07/14/09
Sample Location:	PEABODY, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270C	Extraction Date:	07/14/09 22:57
Analytical Date:	07/16/09 13:28		
Analyst:	PS		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab					
Benzidine	ND		ug/l	49	1
1,2,4-Trichlorobenzene	ND		ug/l	4.9	1
Bis(2-chloroethyl)ether	ND		ug/l	4.9	1
1,2-Dichlorobenzene	ND		ug/l	4.9	1
1,3-Dichlorobenzene	ND		ug/l	4.9	1
1,4-Dichlorobenzene	ND		ug/l	4.9	1
3,3'-Dichlorobenzidine	ND		ug/l	49	1
2,4-Dinitrotoluene	ND		ug/l	5.8	1
2,6-Dinitrotoluene	ND		ug/l	4.9	1
Azobenzene	ND		ug/l	4.9	1
4-Chlorophenyl phenyl ether	ND		ug/l	4.9	1
4-Bromophenyl phenyl ether	ND		ug/l	4.9	1
Bis(2-chloroisopropyl)ether	ND		ug/l	4.9	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.9	1
Hexachlorocyclopentadiene	ND		ug/l	29	1
Isophorone	ND		ug/l	4.9	1
Nitrobenzene	ND		ug/l	4.9	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	15	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	4.9	1
Butyl benzyl phthalate	ND		ug/l	4.9	1
Di-n-butylphthalate	ND		ug/l	4.9	1
Di-n-octylphthalate	ND		ug/l	4.9	1
Diethyl phthalate	ND		ug/l	4.9	1
Dimethyl phthalate	ND		ug/l	4.9	1
Aniline	ND		ug/l	19	1
4-Chloroaniline	ND		ug/l	4.9	1
2-Nitroaniline	ND		ug/l	4.9	1
3-Nitroaniline	ND		ug/l	4.9	1
4-Nitroaniline	ND		ug/l	6.8	1
Dibenzofuran	ND		ug/l	4.9	1

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

SAMPLE RESULTS

Lab ID: L0909476-01 Date Collected: 07/13/09 17:24

Client ID: INFLU-W1-071309 Date Received: 07/14/09

Sample Location: PEABODY, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab					
n-Nitrosodimethylamine	ND		ug/l	49	1
2,4,6-Trichlorophenol	ND		ug/l	4.9	1
P-Chloro-M-Cresol	ND		ug/l	4.9	1
2-Chlorophenol	ND		ug/l	5.8	1
2,4-Dichlorophenol	ND		ug/l	9.7	1
2,4-Dimethylphenol	ND		ug/l	9.7	1
2-Nitrophenol	ND		ug/l	19	1
4-Nitrophenol	ND		ug/l	9.7	1
2,4-Dinitrophenol	ND		ug/l	29	1
4,6-Dinitro-o-cresol	ND		ug/l	19	1
Phenol	ND		ug/l	6.8	1
2-Methylphenol	ND		ug/l	5.8	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.8	1
2,4,5-Trichlorophenol	ND		ug/l	4.9	1
Benzoic Acid	ND		ug/l	49	1
Benzyl Alcohol	ND		ug/l	9.7	1
Carbazole	ND		ug/l	4.9	1
Pyridine	ND		ug/l	49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	75		33-120

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011
Lab Number: L0909476
Report Date: 07/16/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 07/15/09 13:22
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/14/09 22:57

Parameter	Result	Qualifier	Units	RDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG370871-1				
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
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	30
Hexachloroethane	ND		ug/l	5.0
Isophorone	ND		ug/l	5.0
Naphthalene	ND		ug/l	5.0
Nitrobenzene	ND		ug/l	5.0
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	15
Bis(2-Ethylhexyl)phthalate	ND		ug/l	5.0
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

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011
Lab Number: L0909476
Report Date: 07/16/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 07/15/09 13:22
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/14/09 22:57

Parameter	Result	Qualifier	Units	RDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG370871-1				
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
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
Aniline	ND		ug/l	20
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
2-Methylnaphthalene	ND		ug/l	5.0
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	30
4,6-Dinitro-o-cresol	ND		ug/l	20

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011
Lab Number: L0909476
Report Date: 07/16/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 07/15/09 13:22
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/14/09 22:57

Parameter	Result	Qualifier	Units	RDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG370871-1				
Pentachlorophenol	ND		ug/l	10
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
Benzoic Acid	ND		ug/l	50
Benzyl Alcohol	ND		ug/l	10
Carbazole	ND		ug/l	5.0
Pyridine	ND		ug/l	50

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	82		33-120

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011
Lab Number: L0909476
Report Date: 07/16/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 07/15/09 15:11
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 07/14/09 23:48

Parameter	Result	Qualifier	Units	RDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG370896-1				
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
Hexachlorobenzene	ND		ug/l	0.80
Hexachloroethane	ND		ug/l	0.80

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011
Lab Number: L0909476
Report Date: 07/16/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 07/15/09 15:11
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 07/14/09 23:48

Parameter	Result	Qualifier	Units	RDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG370896-1				

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	16		10-120
4-Terphenyl-d14	65		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAIN AND HOWLEY STREET

Project Number: R061.06072.011

Lab Number: L0909476

Report Date: 07/16/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG370871-2 WG370871-3					
Acenaphthene	62	57	46-118	8	30
1,2,4-Trichlorobenzene	54	51	39-98	6	30
2-Chloronaphthalene	75	74	40-140	1	30
1,2-Dichlorobenzene	54	51	40-140	6	30
1,4-Dichlorobenzene	53	50	36-97	6	30
2,4-Dinitrotoluene	89	81	24-96	9	30
2,6-Dinitrotoluene	80	76	40-140	5	30
Fluoranthene	86	76	40-140	12	30
4-Chlorophenyl phenyl ether	72	65	40-140	10	30
n-Nitrosodi-n-propylamine	57	57	41-116	0	30
Butyl benzyl phthalate	88	80	40-140	10	30
Anthracene	77	67	40-140	14	30
Pyrene	81	72	26-127	12	30
P-Chloro-M-Cresol	71	67	23-97	6	30
2-Chlorophenol	57	56	27-123	2	30
2-Nitrophenol	69	68	30-130	1	30
4-Nitrophenol	41	40	10-80	2	30
2,4-Dinitrophenol	88	86	20-130	2	30
Pentachlorophenol	75	68	9-103	10	30
Phenol	28	30	12-110	7	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG370871-2 WG370871-3					

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		40		21-120
Phenol-d6	27		27		10-120
Nitrobenzene-d5	65		62		23-120
2-Fluorobiphenyl	71		67		15-120
2,4,6-Tribromophenol	88		73		10-120
4-Terphenyl-d14	90		82		33-120

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG370896-2 WG370896-3					
Acenaphthene	58	56	40-140	4	40
2-Chloronaphthalene	64	113	40-140	**55**	40
Fluoranthene	63	69	40-140	9	40
Anthracene	64	68	40-140	6	40
Pyrene	63	68	40-140	8	40
Pentachlorophenol	32	39	30-130	20	40

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG370896-2 WG370896-3

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		41		21-120
Phenol-d6	24		24		10-120
Nitrobenzene-d5	65		69		23-120
2-Fluorobiphenyl	62		58		15-120
2,4,6-Tribromophenol	20		18		10-120
4-Terphenyl-d14	71		65		33-120

METALS

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

SAMPLE RESULTS

Lab ID: L0909476-01 Date Collected: 07/13/09 17:24

Client ID: INFLU-W1-071309 Date Received: 07/14/09

Sample Location: PEABODY, MA Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab										
Antimony, Total	0.0030		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:13	EPA 3005A	1,6020	BM
Arsenic, Total	0.0196		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:13	EPA 3005A	1,6020	BM
Cadmium, Total	0.0010		mg/l	0.0002	1	07/15/09 10:00	07/15/09 20:13	EPA 3005A	1,6020	BM
Chromium, Total	0.0449		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:13	EPA 3005A	1,6020	BM
Copper, Total	0.0360		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:13	EPA 3005A	1,6020	BM
Iron, Total	14		mg/l	0.05	1	07/15/09 09:45	07/16/09 10:47	EPA 3005A	19,200.7	AI
Lead, Total	0.1495		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:13	EPA 3005A	1,6020	BM
Mercury, Total	0.0003		mg/l	0.0002	1	07/15/09 15:05	07/16/09 10:55	EPA 245.1	3,245.1	EZ
Nickel, Total	0.0233		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:13	EPA 3005A	1,6020	BM
Selenium, Total	0.002		mg/l	0.001	1	07/15/09 10:00	07/15/09 20:13	EPA 3005A	1,6020	BM
Silver, Total	ND		mg/l	0.0004	1	07/15/09 10:00	07/15/09 20:13	EPA 3005A	1,6020	BM
Zinc, Total	0.1876		mg/l	0.0050	1	07/15/09 10:00	07/15/09 20:13	EPA 3005A	1,6020	BM

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG370976-1									
Iron, Total	ND		mg/l	0.05	1	07/15/09 09:45	07/16/09 09:56	19,200.7	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG370980-1									
Antimony, Total	ND		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:01	1,6020	BM
Arsenic, Total	ND		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:01	1,6020	BM
Cadmium, Total	ND		mg/l	0.0002	1	07/15/09 10:00	07/15/09 20:01	1,6020	BM
Chromium, Total	ND		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:01	1,6020	BM
Copper, Total	ND		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:01	1,6020	BM
Lead, Total	ND		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:01	1,6020	BM
Nickel, Total	ND		mg/l	0.0005	1	07/15/09 10:00	07/15/09 20:01	1,6020	BM
Selenium, Total	ND		mg/l	0.001	1	07/15/09 10:00	07/15/09 20:01	1,6020	BM
Silver, Total	ND		mg/l	0.0004	1	07/15/09 10:00	07/15/09 20:01	1,6020	BM
Zinc, Total	ND		mg/l	0.0050	1	07/15/09 10:00	07/15/09 20:01	1,6020	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG371032-1									
Mercury, Total	ND		mg/l	0.0002	1	07/15/09 15:05	07/16/09 10:34	3,245.1	EZ

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG370976-2					
Iron, Total	100	-	85-115	-	
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG370980-2					
Antimony, Total	98	-	80-120	-	
Arsenic, Total	100	-	80-120	-	
Cadmium, Total	108	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Copper, Total	102	-	80-120	-	
Lead, Total	103	-	80-120	-	
Nickel, Total	104	-	80-120	-	
Selenium, Total	103	-	80-120	-	
Silver, Total	108	-	80-120	-	
Zinc, Total	105	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG371032-2					
Mercury, Total	108	-		-	

Matrix Spike Analysis
Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370976-4 QC Sample: L0909455-01 Client ID: MS Sample									
Iron, Total	ND	1	1.0	100	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370980-4 QC Sample: L0909476-01 Client ID: INFLU-W1-071309									
Antimony, Total	0.0030	0.5	0.4346	86	-	-	80-120	-	20
Arsenic, Total	0.0196	0.12	0.1480	107	-	-	80-120	-	20
Cadmium, Total	0.0010	0.051	0.0566	109	-	-	80-120	-	20
Chromium, Total	0.0449	0.2	0.2455	100	-	-	80-120	-	20
Copper, Total	0.0360	0.25	0.2970	104	-	-	80-120	-	20
Lead, Total	0.1495	0.51	0.6888	106	-	-	80-120	-	20
Nickel, Total	0.0233	0.5	0.5458	104	-	-	80-120	-	20
Selenium, Total	0.002	0.12	0.127	104	-	-	80-120	-	20
Silver, Total	ND	0.05	0.0537	107	-	-	80-120	-	20
Zinc, Total	0.1876	0.5	0.7348	109	-	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG371032-4 QC Sample: L0909495-01 Client ID: MS Sample									
Mercury, Total	ND	0.001	0.0011	115	-	-		-	

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370976-3 QC Sample: L0909455-01 Client ID: DUP Sample					
Iron, Total	ND	ND	mg/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370980-3 QC Sample: L0909476-01 Client ID: INFLU-W1-071309					
Antimony, Total	0.0030	0.0030	mg/l	1	20
Arsenic, Total	0.0196	0.0197	mg/l	0	20
Cadmium, Total	0.0010	0.0009	mg/l	5	20
Chromium, Total	0.0449	0.0454	mg/l	1	20
Copper, Total	0.0360	0.0361	mg/l	0	20
Lead, Total	0.1495	0.1499	mg/l	0	20
Nickel, Total	0.0233	0.0232	mg/l	0	20
Selenium, Total	0.002	0.003	mg/l	9	20
Silver, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.1876	0.1886	mg/l	1	20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG371032-3 QC Sample: L0909495-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	

INORGANICS
&
MISCELLANEOUS

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011
Lab Number: L0909476
Report Date: 07/16/09

SAMPLE RESULTS

Lab ID: L0909476-01
Client ID: INFLU-W1-071309
Sample Location: PEABODY, MA
Matrix: Water
Date Collected: 07/13/09 17:24
Date Received: 07/14/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total Suspended	360		mg/l	15	3	-	07/16/09 08:25	30,2540D	DW
Cyanide, Total	ND		mg/l	0.005	1	07/15/09 10:00	07/15/09 15:46	30,4500CN-CE	AT
Chlorine, Total Residual	ND		mg/l	0.02	1	-	07/14/09 19:00	30,4500CL-D	BH
pH (H)	7.2		SU	-	1	-	07/14/09 21:35	30,4500H+-B	BH
TPH	ND		mg/l	4.00	1	07/15/09 11:30	07/15/09 15:30	74,1664A	AT
Phenolics, Total	ND		mg/l	0.15	5	-	07/15/09 16:28	4,420.1	TH
Chromium, Hexavalent	ND		mg/l	0.010	1	07/14/09 22:00	07/14/09 22:00	30,3500CR-D	JT

Project Name: MAIN AND HOWLEY STREET **Lab Number:** L0909476

Project Number: R061.06072.011 **Report Date:** 07/16/09

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG370874-1									
Chromium, Hexavalent	ND		mg/l	0.010	1	07/14/09 22:00	07/14/09 22:00	30,3500CR-D	JT
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG370879-1									
Chlorine, Total Residual	ND		mg/l	0.02	1	-	07/14/09 19:00	30,4500CL-D	BH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG370952-1									
Cyanide, Total	ND		mg/l	0.005	1	07/15/09 10:00	07/15/09 15:40	30,4500CN-CE	AT
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG370997-1									
Phenolics, Total	ND		mg/l	0.03	1	-	07/15/09 16:25	4,420.1	TH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG371039-1									
TPH	ND		mg/l	4.00	1	07/15/09 11:30	07/15/09 15:30	74,1664A	AT
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG371118-1									
Solids, Total Suspended	ND		mg/l	5.0	1	-	07/16/09 08:25	30,2540D	DW

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAIN AND HOWLEY STREET

Project Number: R061.06072.011

Lab Number: L0909476

Report Date: 07/16/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG370874-2					
Chromium, Hexavalent	100	-	85-115	-	20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG370879-2					
Chlorine, Total Residual	93	-		-	
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG370889-1					
pH	99	-	99-101	-	5
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG370952-2					
Cyanide, Total	99	-	80-120	-	
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG370997-2					
Phenolics, Total	99	-	82-111	-	12
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG371039-2					
TPH	85	-	64-132	-	34

Matrix Spike Analysis
Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370874-4 QC Sample: L0909476-01 Client ID: INFLU-W1-071309									
Chromium, Hexavalent	ND	0.1	0.104	104	-	-	85-115	-	20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370952-3 QC Sample: L0909472-02 Client ID: MS Sample									
Cyanide, Total	ND	0.2	0.216	108	-	-	80-120	-	30
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370997-3 QC Sample: L0909392-12 Client ID: MS Sample									
Phenolics, Total	0.29	0.8	1.0	94	-	-	77-124	-	12
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG371039-3 QC Sample: L0909340-02 Client ID: MS Sample									
TPH	ND	22.2	ND	85	-	-	64-132	-	34

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370874-3 QC Sample: L0909476-01 Client ID: INFLU-W1-071309					
Chromium, Hexavalent	ND	ND	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370879-3 QC Sample: L0909476-01 Client ID: INFLU-W1-071309					
Chlorine, Total Residual	ND	ND	mg/l	NC	
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370889-2 QC Sample: L0909476-01 Client ID: INFLU-W1-071309					
pH (H)	7.2	7.2	SU	0	5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370952-4 QC Sample: L0909472-02 Client ID: DUP Sample					
Cyanide, Total	ND	ND	mg/l	NC	30
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG370997-4 QC Sample: L0909392-12 Client ID: DUP Sample					
Phenolics, Total	0.29	0.29	mg/l	0	12
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG371039-4 QC Sample: L0909476-01 Client ID: INFLU-W1-071309					
TPH	ND	ND	mg/l	NC	34
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG371118-2 QC Sample: L0909476-01 Client ID: INFLU-W1-071309					
Solids, Total Suspended	360	350	mg/l	3	32

Project Name: MAIN AND HOWLEY STREET
Project Number: R061.06072.011

Lab Number: L0909476
Report Date: 07/16/09

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis
L0909476-01A	Vial Na2S2O3 preserved	A	N/A	2	Y	Absent	504(14)
L0909476-01B	Vial Na2S2O3 preserved	A	N/A	2	Y	Absent	624(7)
L0909476-01E	Plastic 1000ml unpreserved	A	7	2	Y	Absent	TSS-2540(7)
L0909476-01F	Plastic 1000ml unpreserved	A	7	2	Y	Absent	PH-4500(1),HEXCR-3500(1),TRC-4500(1)
L0909476-01G	Amber 1000ml HCl preserved	A	<2	2	Y	Absent	TPH-1664(28)
L0909476-01H	Amber 1000ml HCl preserved	A	<2	2	Y	Absent	TPH-1664(28)
L0909476-01I	Amber 1000ml unpreserved	A	7	2	Y	Absent	8270TCL(7),8270TCL-SIM(7)
L0909476-01J	Amber 1000ml unpreserved	A	7	2	Y	Absent	8270TCL(7),8270TCL-SIM(7)
L0909476-01K	Amber 1000ml unpreserved	A	7	2	Y	Absent	8270TCL(7),8270TCL-SIM(7)
L0909476-01L	Amber 1000ml unpreserved	A	7	2	Y	Absent	8270TCL(7),8270TCL-SIM(7)
L0909476-01M	Amber 1000ml H2SO4 preserved	A	<2	2	Y	Absent	TPHENOL-420(28)
L0909476-01N	Plastic 250ml HNO3 preserved	A	<2	2	Y	Absent	SE-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),FE-UI(180),PB-6020T(180),HG-U(28),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180)
L0909476-01O	Plastic 250ml NaOH preserved	A	>12	2	Y	Absent	TCN-4500(14)

*Hold days indicated by values in parentheses

Project Name:	MAIN AND HOWLEY STREET	**Lab Number:**	L0909476
Project Number:	R061.06072.011	**Report Date:**	07/16/09

GLOSSARY

Acronyms

EPA · Environmental Protection Agency.

LCS · Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD · Laboratory Control Sample Duplicate: Refer to LCS.

MS · Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD · Matrix Spike Sample Duplicate: Refer to MS.

NA · Not Applicable.

NC · Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

ND · Not detected at the reported detection limit for the sample.

NI · Not Ignitable.

RDL · Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD · Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

***** - The batch duplicate RPD exceeds the acceptance criteria. This flag is not applicable when the sample concentrations are less than 5x the RDL. (Metals only.)

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

N - The matrix spike recovery exceeds the acceptance criteria. This flag is not applicable when the sample concentration is greater than 4x the spike added. (Metals only.)

P - The RPD between the results for the two columns exceeds the method-specified criteria.

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

Report Format: Data Usability Report

Project Name:	MAIN AND HOWLEY STREET	**Lab Number:**	L0909476
Project Number:	R061.06072.011	**Report Date:**	07/16/09

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

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.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised July 7, 2009 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Haloacetic Acids, Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB).)
Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Calcium Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)
Solid Waste/Soil (Inorganic Parameters: Lead in Paint, pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), Reactivity. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9221E, 9222B, 9222D, 9223B, EPA 150.1, 180.1, 300.0, 353.2, SM2130B, 2320B, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B,4500NO3-F, EPA 200.7, EPA 200.8, 245.1. Organic Parameters: 504.1, 524.2, SM 6251B.)
Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, Lachat 10-107-06-1-B, SM2320B, 2340B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B.5, 4500P-E, 5210B, 5220D, 5310C, EPA 200.7, 200.8, 245.1. Organic Parameters: 608, 624.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
Drinking Water
Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl)
(EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Nitrite-N, Fluoride, Sulfate)
353.2 for: Nitrate-N, Nitrite-N; SM4500NO3-F, 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, EPA 150.1, SM4500H-B.
Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics)
(504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), SM6251B, 314.0.

Non-Potable Water
Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn)
(EPA 200.7 for: Al,Sb,As,Be,Cd,Cr,Co,Cu,Fe,Pb,Mn,Mo,Ni,Se,Ag,Sr,Tl,Ti,V,Zn,Ca,Mg,Na,K)
245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2540B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Nitrate-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-B,C-Titr, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CN-CE, 2540D, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics)
(608 for: Chlordane, Aldrin, Dieldrin, DDD, DDE, DDT, Heptachlor, Heptachlor Epoxide, PCB-Water)
600/4-81-045-PCB-Oil

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
Drinking Water
Microbiology Parameters: SM9215B; MF-SM9222B; ENZ. SUB. SM9223; EC-SM9221E; MF-SM9222D; ENZ. SUB. SM9223;

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM6215B, 9222B, 9223B Colilert, EPA 200.7, 200.8, 245.2, 110.2, 120.1, 150.1, 300.0, 325.2, 314.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 331.0. Organic Parameters: 504.1, 524.2, SM6251B.)
Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 150.1, 300.0, 305.1, 310.1, 325.2, 340.2, 350.1, 350.2, 351.1, 353.2, 354.1, 365.2, 375.4, 376.2, 405.1, 415.1, 420.1, 425.1, 1664A, SW-846 9010, 9030, 9040B, EPA 160.1, 160.2, 160.3, SM426C, SM2310B, 2540B, 2540D, 4500H+B, 4500NH3-H, 4500NH3-E, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 2320B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-117-07-1-B, LACHAT 10-107-06-1-B, LACHAT 10-107-04-1-C, LACHAT 10-107-04-1-J, LACHAT 10-117-07-1-A, SM4500CL-E, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3005A, 3015A, 3510C, 5030B, 8021B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 7.3.3.2, 7.3.4.2, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040, 9045C, 9050C, 1311, 3005A, 3050B, 3051A. Organic Parameters: SW-846 3540C, 3545, 3580A, 5030B, 5035, 8021B, 8260B, 8270C, 8330, 8151A, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 2540C, 2320B, 314.0, 331.0, 110.2, SM2120B, 2510B, 5310C, EPA 150.1, SM4500H-B, EPA 200.8, 245.2. Organic Parameters: 504.1, SM6251B, 524.2.)
Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.1, SM5220D, 4500Cl-D, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, SM9221CE, 9222D, 9221B, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.2/.1, SM5210B, SW-846 3015, 6020, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, EPA 245.1, 245.2, SW-846 9040B, 3005A, EPA 6010B, 7196A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 3510C, EPA 608, 624, 625, SW-846 5030B, 8021B, 8081A, 8082, 8151A, 8330, NJ OQA-QAM-025 Rev.7.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 9040B, 3005A, 6010B, 7196A, 5030B, 9010B, 9030B, 1030, 1311, 3050B, 3051, 7471A, 9014, 9012A, 9045C, 9050A, 9065. Organic Parameters: SW-846 8021B, 8081A, 8082, 8151A, 8330, 8260B, 8270C, 1311, 1312, 3540C, 3545, 3550B, 3580A, 5035L, 5035H, NJ OQA-QAM-025 Rev.7.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 8215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 314.0, 331.0, SM2320B, EPA 300.0, 325.2, 110.2, SM2120B, 4500CN-E, 4500F-C, EPA 150.1, SM4500H-B, 4500NO3-F, 2540C, EPA 120.1, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)
Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, EPA 405.1, SM5210B, EPA 410.4, SM5220D, EPA 305.1, SM2310B-4a, EPA 310.1, SM2320B, EPA 200.7, 300.0, 325.2, LACHAT 10-117-07-1A or B, SM4500Cl-E, EPA 340.2, SM4500F-C, EPA 375.4, SM15 426C, EPA 350.1, 350.2, LACHAT 10-107-06-1-B, SM4500NH3-H, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-041-C, SM4500-NO30F, EPA 354.1, SM4500-NO2-B, EPA 365.2, SM4500P-E, EPA 160.3, EPA 160.1, SM2540C, EPA 160.2, SM2540B, SM2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, S\M3500Cr-D, EPA 245.1, 245.2, 7470A, 110.2, SM2120B, 335.2, LACHAT 10-204-00-1-A, EPA 150.1, 9040B, SM4500-HB, EPA 1664A, EPA 415.1, SM5310C, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, EPA 376.2, SM4500S-D, EPA 425.1, SM5540C, EPA 3005A, 3015. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, 8021B, EPA 3510C, 5030B, 9010B, 9030B.)
Solid & Hazardous Waste (Inorganic Parameters: EPA 9040B, 9045C, 1010, 1030, SW-846 Ch 7 Sec 7.3, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8081A, 8151A, 8330, 8082, 8021B, 3540C, 3545, 3580, 5030B, 5035.)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Non-Potable Water (Organic Parameters: EPA 3510C, 625, 608, 8081A, 8082, 8151A, 8270C, 8330)
Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, 1311, 3050B, 3051, 6010B, EPA 7.3.3.2, EPA 7.3.4.2, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065. Organic Parameters: 3540C, 3545, 3580A, 5035, 8021B, 8081A, 8082, 8151A, 8260B, 8270C, 8330)
Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NY-DOH Certificate for Potable and Non-Potable Water.

Utah Department of Health Certificate/Lab ID: AAMA. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: Chloride EPA 300.0)

07160916:59

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 7/14/09

ALPHA Job #: L0909476

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Ransom Environmental

Address: Browns Wharf
Newburyport MA 01950

Phone: 978 465 1822

Fax: 978 465 2986

Email: jgaloskie@ransomenv.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Main and Howley Street

Project Location: Peabody, MA

Project #: R061.06072.011

Project Manager: Pete Sherr

ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre approved!)

Date Due: 7/16/09 48 hr Time:

except PCBs which will be Friday.

Other Project Specific Requirements/Comments/Detection Limits:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #: 320

Regulatory Requirements/Report Limits

State /Fed Program: US EPA

Criteria: RGP

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☒ No Are MCP Analytical Methods Required?

☐ Yes ☒ No Are CT RCP (Reasonable Confidence Protocols) Required?

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TPH-1664	SVOCs-8270	PAH Sim	TCN	Total Metals	EDB/DBCP-504	Total PAHs	PCBs	pH, Flash, Cl, TRC	TSS	624	SAMPLE HANDLING: Filtration ☐ Done ☒ Not needed ☐ Lab to do; Preservation ☐ Lab to do (Please specify below)	Sample Specific Comments	TOTAL # BOTTLES
09476.1	Infln-W1-071309	7/13/09	17:24	GW	AES, SPB	X	X	X	X	X	X	X	X	X	X	X			15

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

	Container Type	Preservative
A	A	B
A	A	A
P	P	E
V	C	H
A	H	D
A	H	H
P	A	A
P	A	H
V		

Relinquished By:	Date/Time	Received By:	Date/Time
	7/14/09 10:25		10:25 7/14
	7/14/09 11:44		7-14-09 11:44
	7/14/09 1640		7/14/09 1640

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

FORM NO: 01-01 (rev. 30-JUL-07)

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

August 12, 2008

Mr. Lucas Hathaway
Ransom Environmental Consultants, Inc.
400 Commercial Street Suite 404
Portland, ME 04101

RE: Analytical Results Case Narrative
CVS Peabody Proj# 066072
Analytics #61896

Dear Ms. Ransom:

Enclosed please find the analytical report for samples collected from the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed for Volatile Petroleum Hydrocarbons (VPH) using MADEP VPH Method Rev 1.1, May 2004, Extractable Petroleum Hydrocarbons (EPH) using MADEP EPH Method Rev 1.1, May 2004., and RCRA 8 metals using EPA Method 6010B. Metal analysis were subcontracted to Test America-Westfield

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
MCP Cover Pages
VPH Form 1 Sample Data Results for Samples and Method Blanks
    Chromatograms
VPH Form 3 MS/MSD and LCS Recoveries
EPH Form 1 Sample Data Results for Samples and Method Blanks
    Chromatograms
EPH Form 3 MS/MSD and LCS Recoveries
Subcontracted Reports & Narratives
Chain of Custody (COC) Forms
Sample Receipt Checklist

QC NON CONFORMANCE SUMMARY

Sample Receipt:
Due to laboratory error the client received EPH containers without acid for preservation. The samples were pH adjusted prior to extraction. The client was contacted and advised the laboratory to continue with analysis and document the deviation in the narrative.

Volatile Petroleum Hydrocarbons (VPH):
Sample 61896-3 (TW102-W1-073008) was analyzed at a dilution due to the concentrations of the C9-C12 aliphatic range.

Extractable Petroleum Hydrocarbons (EPH):
Due to method limitations the quantitation limits for some target PAHs may not meet regulatory standards for aqueous samples.

Due to laboratory error the client received EPH containers without acid for preservation. The samples were pH adjusted prior to extraction.

If you have any questions or I can be of further assistance please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen Knollmeyer
Laboratory Director

environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. Lucas Hathaway
Ransom Environmental Consultants, Inc.
400 Commercial Street Suite 404
Portland, ME 04101

Report Number: 61896

Revision: Rev. 0

Re: CVS Peabody **066072**

Enclosed are the results of the analyses on your sample(s). Samples were received on 30 July 2008 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
61896-1	07/30/08	MW-11-W1-073008	MADEP EPH	
	07/30/08	MW-11-W1-073008	RCRA Metals	
	07/30/08	MW-11-W1-073008	Volatile Petroleum Hydrocarbons	
61896-2	07/30/08	TW101-W1-073008	MADEP EPH	
	07/30/08	TW101-W1-073008	RCRA Metals	
	07/30/08	TW101-W1-073008	Volatile Petroleum Hydrocarbons	
61896-3	07/30/08	TW102-W1-073008	MADEP EPH	
	07/30/08	TW102-W1-073008	RCRA Metals	
	07/30/08	TW102-W1-073008	Volatile Petroleum Hydrocarbons	
61896-4	07/30/08	TW104-W1-073008	MADEP EPH	
	07/30/08	TW104-W1-073008	RCRA Metals	
	07/30/08	TW104-W1-073008	Volatile Petroleum Hydrocarbons	
61896-5	07/30/08	Trip Blank	Volatile Petroleum Hydrocarbons	

Sample Receipt Exceptions: Due to laboratory error samples for MADEP EPH were only thermally preserved to 4C +/- 2C. The client was notified and analysis continued.

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New York, Virginia, Pennsylvania, and is validated by the U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Laboratory Director

Date 8/12/2008

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

MADEP MCP Response Action Analytical Report Certification Form

Laboratory Name: Analytics Environmental Laboratory, LLC Project #: 61896

Project Location: CVS Peabody MADEP RTN: [1]

This Form Provides Certification for the following data set:
61896-1, 61896-2, 61896-3, 61896-4, 61896-5

Sample Matrices: (Groundwater) Soil/Sediment Drinking Water Other:

MCP SW-846 Methods Used					
	☐ 8260B	☐ 8151A	☐ 8330	☐ 6010B	☐ 7470A/1A
	☐ 8270C	☐ 8081A	☒ VPH	☐ 6020	☐ 9014M[2]
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	☐ 8082	☐ 8021B	☐ EPH	☐ 7000 S[3]	☐ Other

1) List Release Tracking Number (RTN), if known.
2) M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method.
3) S - SW-846 Methods 7000 Series. List individual method and analyte.

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty" status

A	Were all samples recieved by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	☒ Yes	☐ No *
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	☒ Yes	☐ No *
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes	☐ No *
D	***VPH and EPH Methods only:*** Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respected Methods)	☒ Yes	☐ No *

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	☒ Yes	☐ No *
F	Were results for all analyte-list compound/elements for the specified method(s) reported?	☒ Yes	☐ No *

* All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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 analytical report is, tho the best of my knowledge and belief, accurate and complete.

Signature: _____ **Position:** Laboratory Director

Printed Name: Stephen Knollmeyer **Date:** August 12, 2008

Analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

MADEP MCP Response Action Analytical Report Certification Form

Laboratory Name: Analytics Environmental Laboratory, LLC Project #: 61896

Project Location: CVS Peabody MADEP RTN: [1]

This Form Provides Certification for the following data set:
61896-1, 61896-2, 61896-3, 61896-4, 61896-5

Sample Matrices: (Groundwater) Soil/Sediment Drinking Water Other:

MCP SW-846 Methods Used					
	☐ 8260B	☐ 8151A	☐ 8330	☐ 6010B	☐ 7470A/1A
	☐ 8270C	☐ 8081A	☐ VPH	☐ 6020	☐ 9014M[2]
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	☐ 8082	☐ 8021B	☒ EPH	☐ 7000 S[3]	☐ Other

1) List Release Tracking Number (RTN), if known.
2) M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method.
3) S - SW-846 Methods 7000 Series. List individual method and analyte.

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty" status

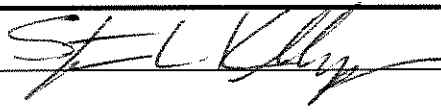
A	Were all samples recieved by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	☒ Yes	☐ No *
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	☐ Yes	☒ No *
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes	☐ No *
D	***VPH and EPH Methods only:*** Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respected Methods)	☒ Yes	☐ No *

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	☒ Yes	☐ No *
F	Were results for all analyte-list compound/elements for the specified method(s) reported?	☒ Yes	☐ No *

* All NO answers must be addressed in an attached Environmental Laboratory case narrative.

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 analytical report is, tho the best of my knowledge and belief, accurate and complete.

Signature:  **Position:** Laboratory Director

Printed Name: Stephen Knollmeyer **Date:** August 12, 2008

analytics environmental laboratory LLC

Surrogate Compound Limits

	Matrix: Aqueous Units: % Recovery	Solid % Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-130	70-130	EPA 8260B
Toluene-d8	70-130	70-130	
Bromofluorobenzene	70-130	70-130	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 624/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	26-86	40-130	
Herbicides			
Dichloroacetic acid (DCAA0	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015

analytics environmental laboratory LLC

VPH
Data Summaries

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Lucas Hathaway
Ransom Environmental Consultants, Inc.
400 Commercial Street Suite 404
Portland, ME 04101

August 12, 2008

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: LabQC

SAMPLE DATA

Lab Sample ID: BV08018K
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date:
Lab Receipt Date:
Analysis Date: 08/01/08

VPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE	Elution Range	RL	Units	Result
Unadjusted C5-C8 Aliphatics[1]	N/A	50	µg/L	U
Unadjusted C9-C12 Aliphatics[1]	N/A	50	µg/L	U
Benzene	C5-C8	2	µg/L	U
Ethylbenzene	C9-C12	2	µg/L	U
Methyl-tert-butyl ether	C5-C8	2	µg/L	U
Naphthalene	N/A	2	µg/L	U
Toluene	C5-C8	2	µg/L	U
m- & p-Xylenes	C9-C12	4	µg/L	U
o-Xylene	C9-C12	2	µg/L	U
C5-C8 Aliphatics Hydrocarbons[1,2]	N/A	50	µg/L	U
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	µg/L	U
C9-C10 Aromatic Hydrocarbons[1]	N/A	10	µg/L	U
Surrogate % Recovery (2,5-Dibromotoluene) PID				92
Surrogate % Recovery (2,5-Dibromotoluene) FID				101
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range
[3]C9-C12 Aliphatic Hydrocarbons exclude conc. of Target Analytes eluting in that range and conc. of C9-C10 Aromatic Hydrocarbons.
RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Volatile Petroleum Hydrocarbons (VPH), ORS Division of Environmental Analysis, Revision 1.1 May 2004

COMMENTS: Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

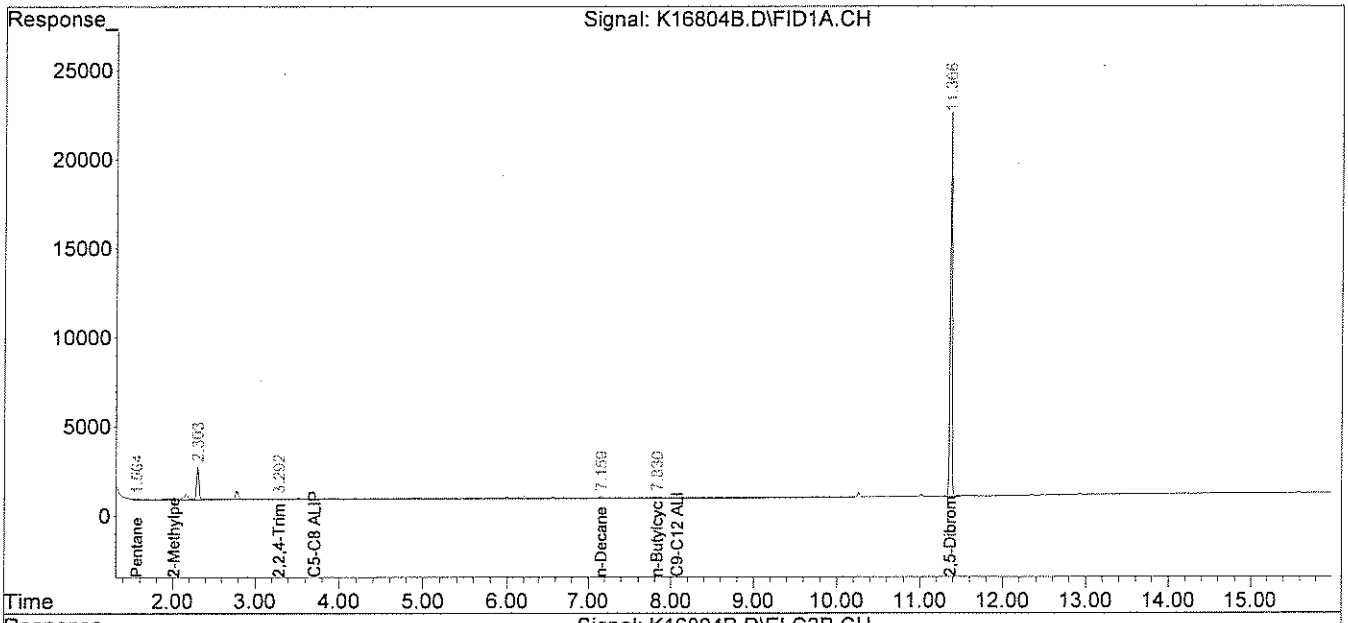
Authorized signature: MJ Mulvihill

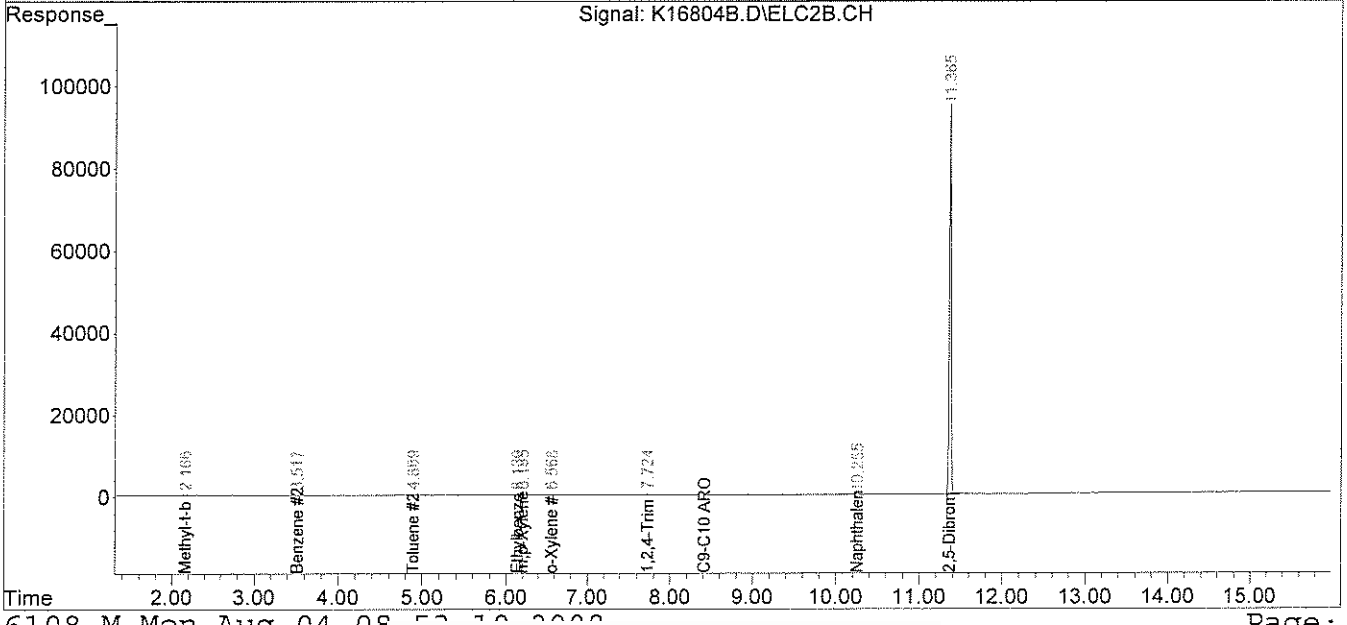
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\080108-K\
Data File : K16804B.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 01 Aug 2008 3:10 pm
Operator :
Sample : BV08018K
Misc : 5000
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 04 08:53:10 2008
Quant Method : C:\msdchem\1\METHODS\VPH06108.M
Quant Title : Volatile Petroleum Hydrocarbons
QLast Update : Wed Jun 11 11:02:48 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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Ransom Environmental Consultants, Inc.
400 Commercial Street Suite 404
Portland, ME 04101

August 7, 2008

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: LabQC

SAMPLE DATA

Lab Sample ID: BV08068K
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date:
Lab Receipt Date:
Analysis Date: 08/06/08

VPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE	Elution Range	RL	Units	Result
Unadjusted C5-C8 Aliphatics[1]	N/A	50	µg/L	U
Unadjusted C9-C12 Aliphatics[1]	N/A	50	µg/L	U
Benzene	C5-C8	2	µg/L	U
Ethylbenzene	C9-C12	2	µg/L	U
Methyl-tert-butyl ether	C5-C8	2	µg/L	U
Naphthalene	N/A	2	µg/L	U
Toluene	C5-C8	2	µg/L	U
m- & p-Xylenes	C9-C12	4	µg/L	U
o-Xylene	C9-C12	2	µg/L	U
C5-C8 Aliphatics Hydrocarbons[1,2]	N/A	50	µg/L	U
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	µg/L	U
C9-C10 Aromatic Hydrocarbons[1]	N/A	10	µg/L	U
Surrogate % Recovery (2,5-Dibromotoluene) PID				111
Surrogate % Recovery (2,5-Dibromotoluene) FID				112
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range
[3]C9-C12 Aliphatic Hydrocarbons exclude conc. of Target Analytes eluting in that range and conc. of C9-C10 Aromatic Hydrocarbons.
RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Volatile Petroleum Hydrocarbons (VPH), ORS Division of Environmental Analysis, Revision 1.1 May 2004

COMMENTS: Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

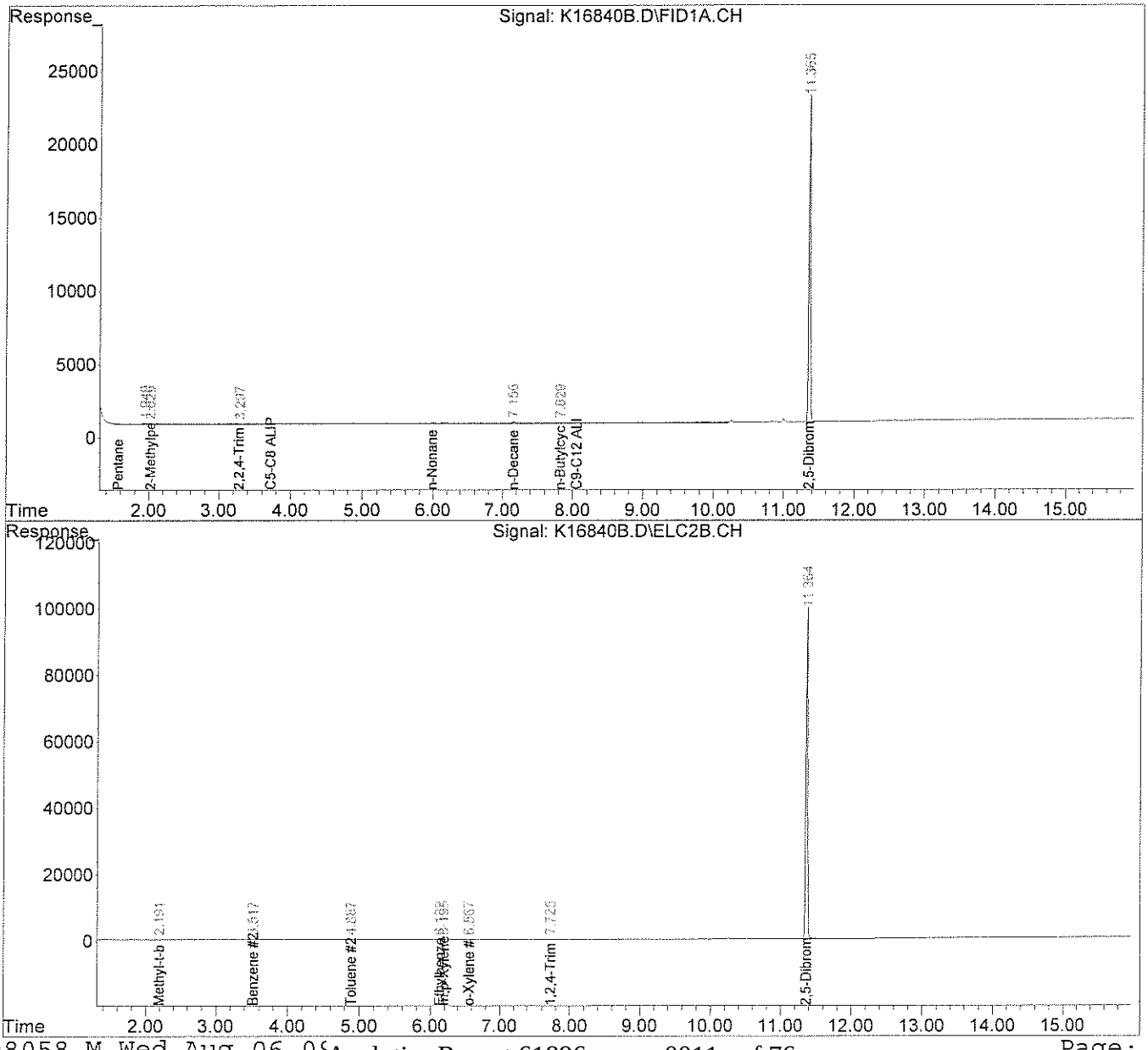
Authorized signature:

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\080608-K\
Data File : K16840B.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 06 Aug 2008 8:47 am
Operator :
Sample : BV08068K
Misc : 5000
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 09:13:29 2008
Quant Method : C:\msdchem\1\METHODS\VPH08058.M
Quant Title : Volatile Petroleum Hydrocarbons
QLast Update : Wed Aug 06 06:58:33 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



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August 5, 2008

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: MW-11-W1-073008

SAMPLE DATA

Lab Sample ID: 61896-1
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 07/30/08
Lab Receipt Date: 07/30/08
Analysis Date: 08/01/08

VPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE	Elution Range	RL	Units	Result
Unadjusted C5-C8 Aliphatics[1]	N/A	50	µg/L	**176**
Unadjusted C9-C12 Aliphatics[1]	N/A	50	µg/L	**660**
Benzene	C5-C8	2	µg/L	U
Ethylbenzene	C9-C12	2	µg/L	**3**
Methyl-tert-butyl ether	C5-C8	2	µg/L	U
Naphthalene	N/A	2	µg/L	**6**
Toluene	C5-C8	2	µg/L	U
m- & p-Xylenes	C9-C12	4	µg/L	**35**
o-Xylene	C9-C12	2	µg/L	**2**
C5-C8 Aliphatics Hydrocarbons[1,2]	N/A	50	µg/L	**176**
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	µg/L	**500**
C9-C10 Aromatic Hydrocarbons[1]	N/A	10	µg/L	**120**
Surrogate % Recovery (2,5-Dibromotoluene) PID				91
Surrogate % Recovery (2,5-Dibromotoluene) FID				101
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range
[3]C9-C12 Aliphatic Hydrocarbons exclude conc. of Target Analytes eluting in that range and conc. of C9-C10 Aromatic Hydrocarbons.
RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Volatile Petroleum Hydrocarbons (VPH), ORS Division of Environmental Analysis, Revision 1.1 May 2004.

COMMENTS: Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

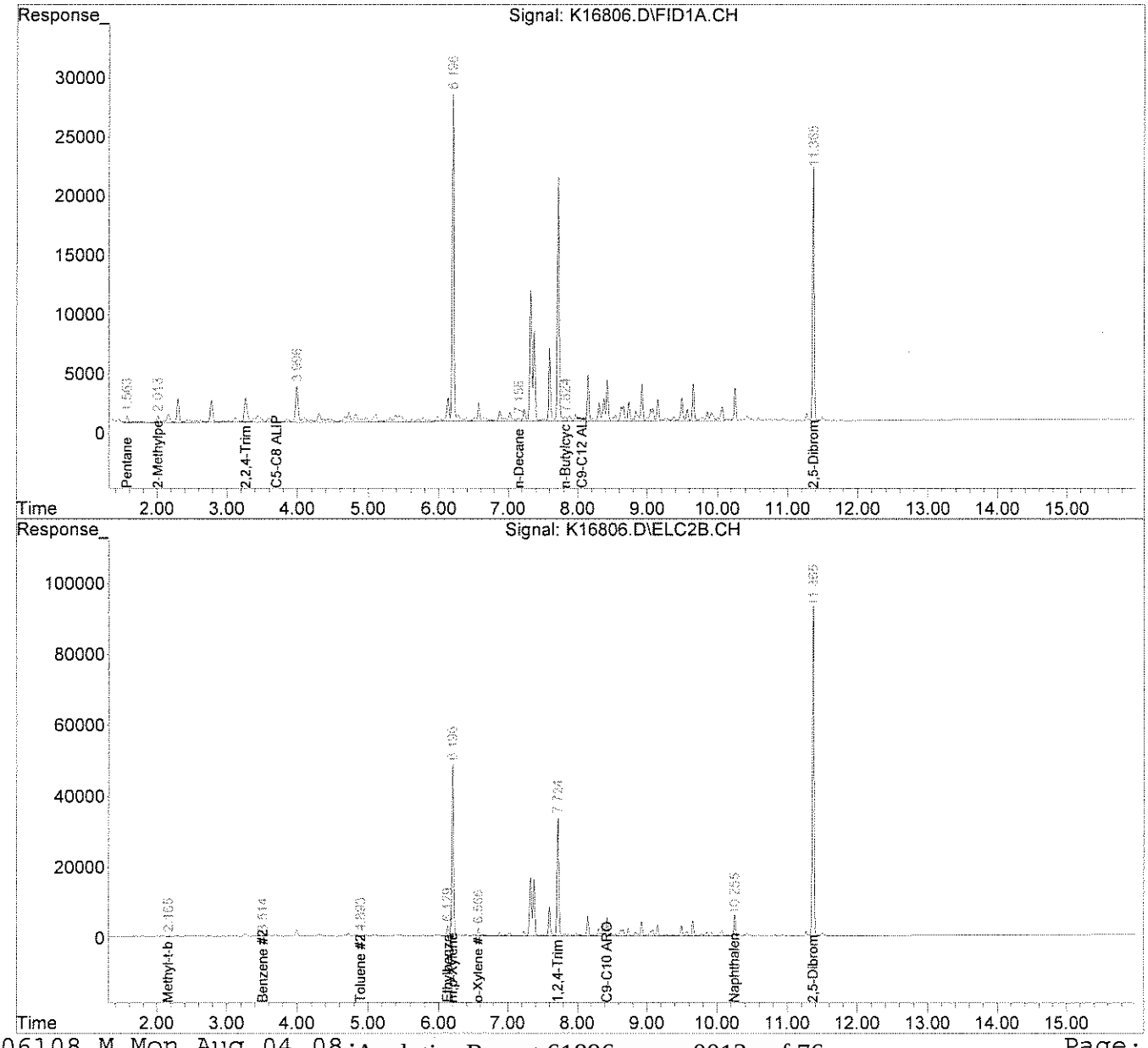
Authorized signature:

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\080108-K\
Data File : K16806.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 01 Aug 2008 3:57 pm
Operator :
Sample : 61896-1
Misc : 5000
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 04 08:53:13 2008
Quant Method : C:\msdchem\1\METHODS\VPH06108.M
Quant Title : Volatile Petroleum Hydrocarbons
QLast Update : Wed Jun 11 11:02:48 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



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August 5, 2008

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: TW101-W1-073008

SAMPLE DATA

Lab Sample ID: 61896-2
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 07/30/08
Lab Receipt Date: 07/30/08
Analysis Date: 08/01/08

VPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE	Elution Range	RL	Units	Result
Unadjusted C5-C8 Aliphatics[1]	N/A	50	µg/L	U
Unadjusted C9-C12 Aliphatics[1]	N/A	50	µg/L	U
Benzene	C5-C8	2	µg/L	U
Ethylbenzene	C9-C12	2	µg/L	U
Methyl-tert-butyl ether	C5-C8	2	µg/L	U
Naphthalene	N/A	2	µg/L	U
Toluene	C5-C8	2	µg/L	U
m- & p-Xylenes	C9-C12	4	µg/L	U
o-Xylene	C9-C12	2	µg/L	U
C5-C8 Aliphatics Hydrocarbons[1,2]	N/A	50	µg/L	U
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	µg/L	U
C9-C10 Aromatic Hydrocarbons[1]	N/A	10	µg/L	U
Surrogate % Recovery (2,5-Dibromotoluene) PID				97
Surrogate % Recovery (2,5-Dibromotoluene) FID				107
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range
[3]C9-C12 Aliphatic Hydrocarbons exclude conc. of Target Analytes eluting in that range and conc. of C9-C10 Aromatic Hydrocarbons.
RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Volatile Petroleum Hydrocarbons (VPH), ORS Division of Environmental Analysis, Revision 1.1 May 2004.

COMMENTS: Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

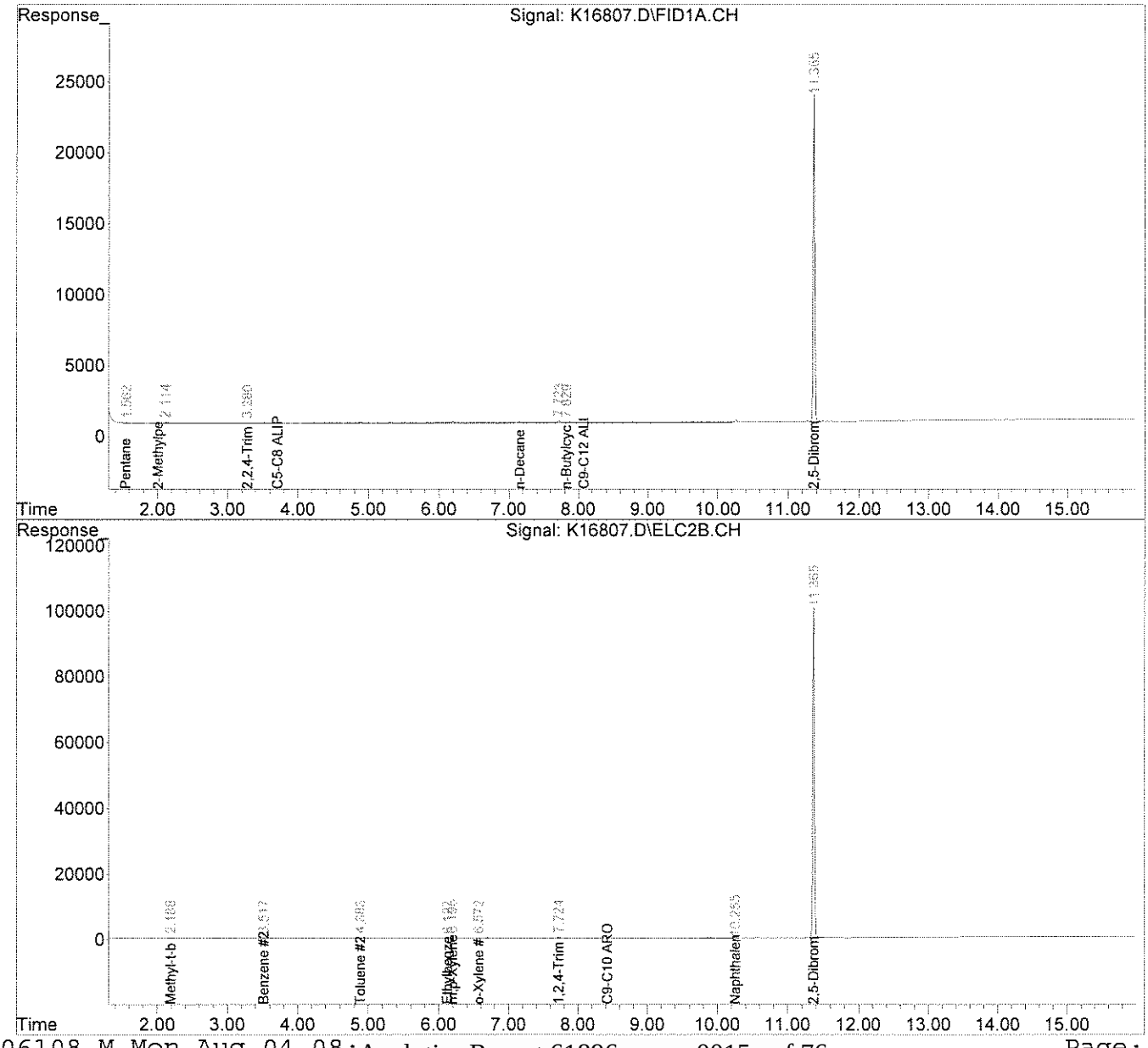
Authorized signature:

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\080108-K\
Data File : K16807.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 01 Aug 2008 4:20 pm
Operator :
Sample : 61896-2
Misc : 5000
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 04 08:53:14 2008
Quant Method : C:\msdchem\1\METHODS\VPH06108.M
Quant Title : Volatile Petroleum Hydrocarbons
QLast Update : Wed Jun 11 11:02:48 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



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August 12, 2008

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: TW102-W1-073008

SAMPLE DATA

Lab Sample ID: 61896-3
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 07/30/08
Lab Receipt Date: 07/30/08
Analysis Date: 08/01/08

VPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE	Elution Range	RL	Units	Result
Unadjusted C5-C8 Aliphatics[1]	N/A	50	µg/L	**990**
Unadjusted C9-C12 Aliphatics[1]	N/A	50	µg/L	**1550 E**
Benzene	C5-C8	2	µg/L	**67**
Ethylbenzene	C9-C12	2	µg/L	**31**
Methyl-tert-butyl ether	C5-C8	2	µg/L	**52**
Naphthalene	N/A	2	µg/L	**22**
Toluene	C5-C8	2	µg/L	**4**
m- & p-Xylenes	C9-C12	4	µg/L	**73**
o-Xylene	C9-C12	2	µg/L	**14**
C5-C8 Aliphatics Hydrocarbons[1,2]	N/A	50	µg/L	**868**
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	µg/L	**1170 E**
C9-C10 Aromatic Hydrocarbons[1]	N/A	10	µg/L	**268**
Surrogate % Recovery (2,5-Dibromotoluene) PID				103
Surrogate % Recovery (2,5-Dibromotoluene) FID				113
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range
[3]C9-C12 Aliphatic Hydrocarbons exclude conc. of Target Analytes eluting in that range and conc. of C9-C10 Aromatic Hydrocarbons.
RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Volatile Petroleum Hydrocarbons (VPH), ORS Division of Environmental Analysis, Revision 1.1 May 2004.

COMMENTS: Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

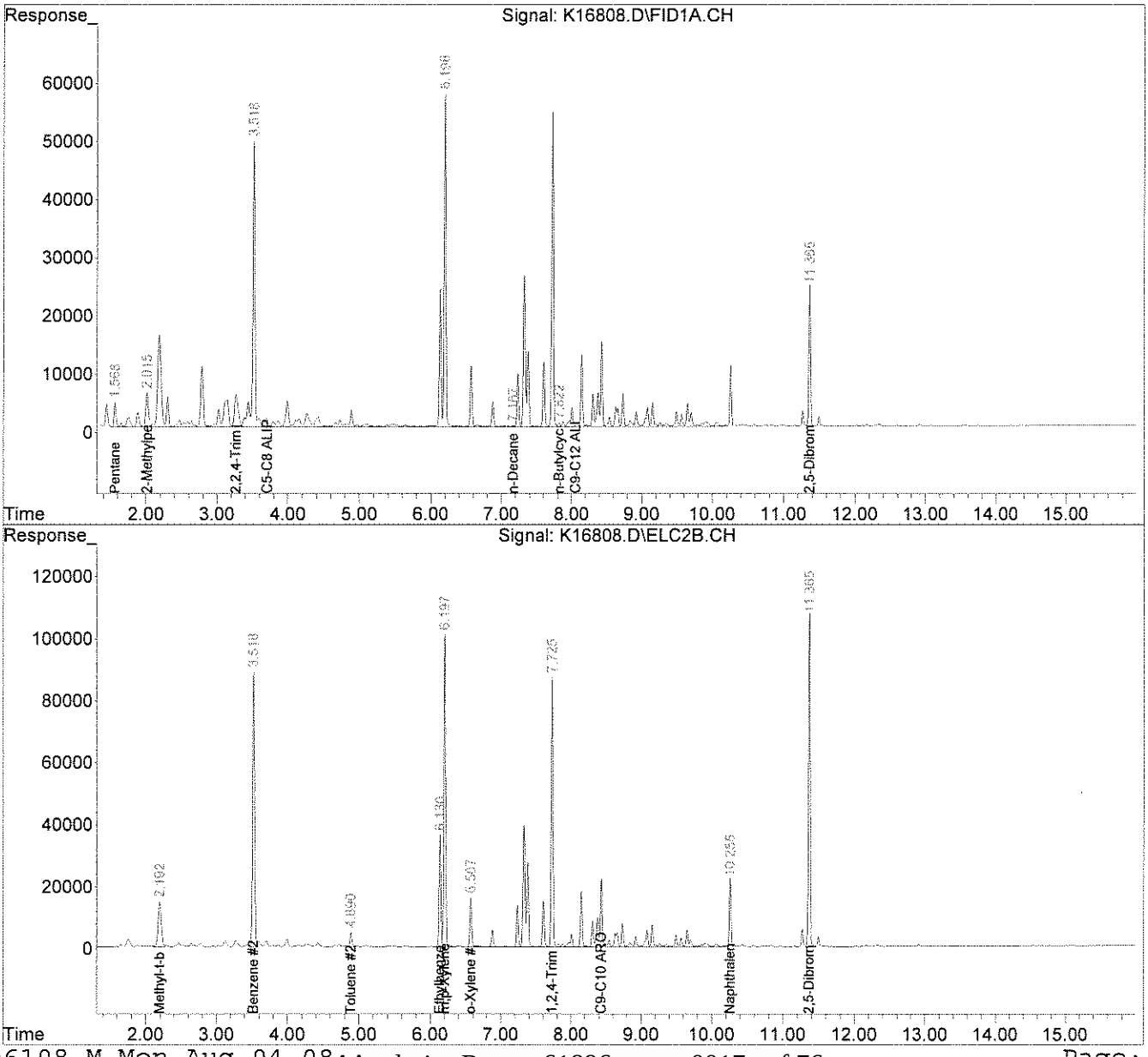
Authorized signature:

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\080108-K\
Data File : K16808.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 01 Aug 2008 4:44 pm
Operator :
Sample : 61896-3
Misc : 5000
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 04 08:53:16 2008
Quant Method : C:\msdchem\1\METHODS\VPH06108.M
Quant Title : Volatile Petroleum Hydrocarbons
QLast Update : Wed Jun 11 11:02:48 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



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August 12, 2008

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: TW102-W1-073008

SAMPLE DATA

Lab Sample ID: 61896-3 DL
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 5
Collection Date: 07/30/08
Lab Receipt Date: 07/30/08
Analysis Date: 08/06/08

VPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE	Elution Range	RL	Units	Result
Unadjusted C5-C8 Aliphatics[1]	N/A	250	µg/L	**950**
Unadjusted C9-C12 Aliphatics[1]	N/A	250	µg/L	**1600**
Benzene	C5-C8	10	µg/L	**69**
Ethylbenzene	C9-C12	10	µg/L	**31**
Methyl-tert-butyl ether	C5-C8	10	µg/L	**64**
Naphthalene	N/A	10	µg/L	**28**
Toluene	C5-C8	10	µg/L	U
m- & p-Xylenes	C9-C12	20	µg/L	**75**
o-Xylene	C9-C12	10	µg/L	**15**
C5-C8 Aliphatics Hydrocarbons[1,2]	N/A	250	µg/L	**816**
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	250	µg/L	**1200**
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	µg/L	**279**
Surrogate % Recovery (2,5-Dibromotoluene) PID				118
Surrogate % Recovery (2,5-Dibromotoluene) FID				120
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range
[3]C9-C12 Aliphatic Hydrocarbons exclude conc. of Target Analytes eluting in that range and conc. of C9-C10 Aromatic Hydrocarbons.
RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Volatile Petroleum Hydrocarbons (VPH), ORS Division of Environmental Analysis, Revision 1.1 May 2004.

COMMENTS: Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

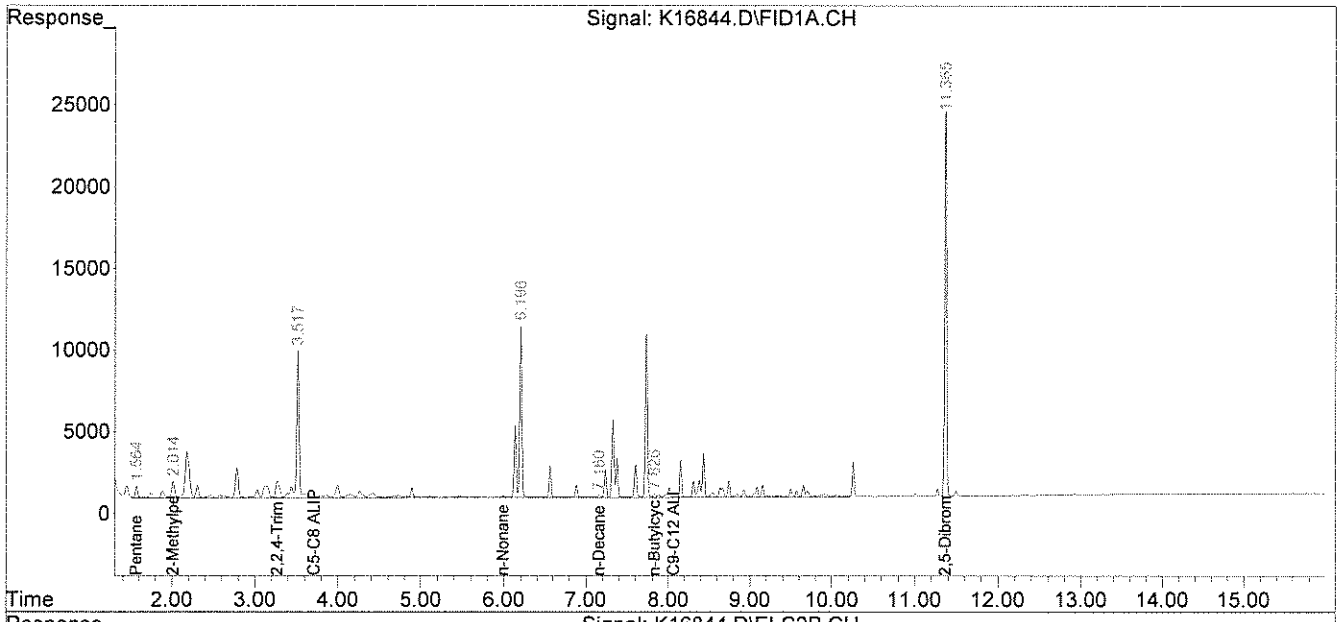
Authorized signature:

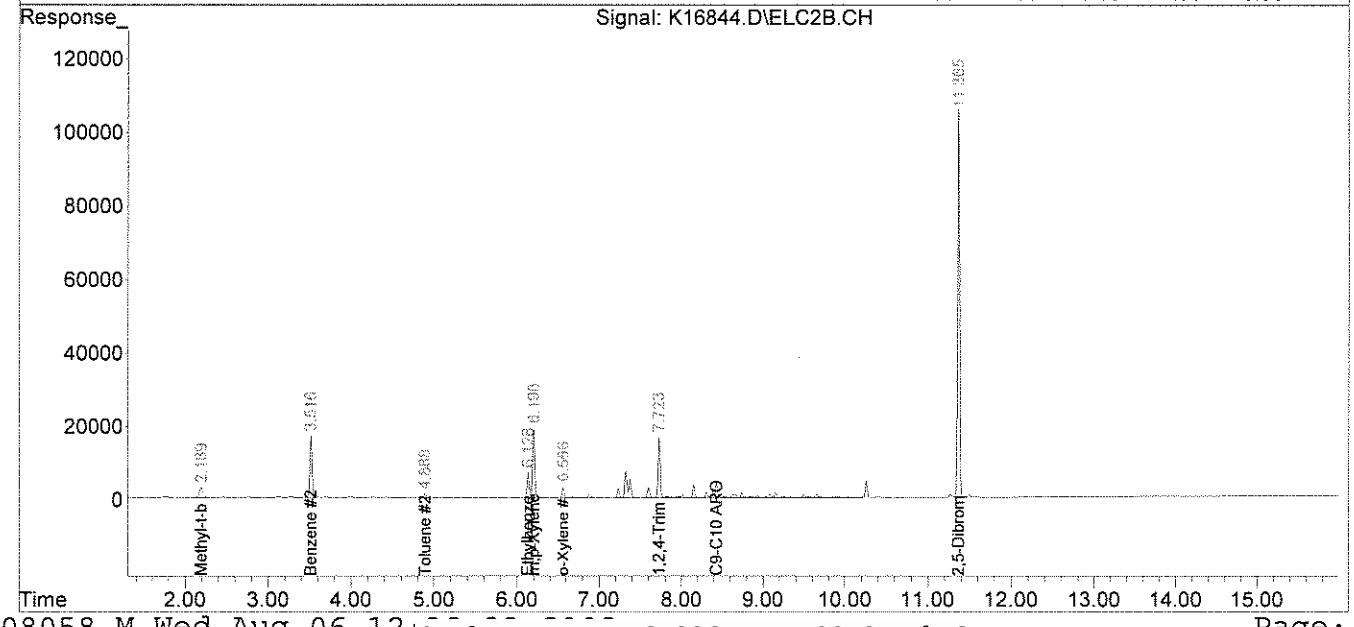
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\080608-K\
Data File : K16844.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 06 Aug 2008 10:42 am
Operator :
Sample : 61896-3 NL
Misc : 1000
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 06 12:38:32 2008
Quant Method : C:\msdchem\1\METHODS\VPH08058.M
Quant Title : Volatile Petroleum Hydrocarbons
QLast Update : Wed Aug 06 11:12:00 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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August 12, 2008

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: TW104-W1-073008

SAMPLE DATA

Lab Sample ID: 61896-4
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 07/30/08
Lab Receipt Date: 07/30/08
Analysis Date: 08/01/08

VPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE	Elution Range	RL	Units	Result
Unadjusted C5-C8 Aliphatics[1]	N/A	50	µg/L	**559**
Unadjusted C9-C12 Aliphatics[1]	N/A	50	µg/L	**94**
Benzene	C5-C8	2	µg/L	U
Ethylbenzene	C9-C12	2	µg/L	U
Methyl-tert-butyl ether	C5-C8	2	µg/L	**63**
Naphthalene	N/A	2	µg/L	U
Toluene	C5-C8	2	µg/L	U
m- & p-Xylenes	C9-C12	4	µg/L	U
o-Xylene	C9-C12	2	µg/L	U
C5-C8 Aliphatics Hydrocarbons[1,2]	N/A	50	µg/L	**496**
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	µg/L	**76**
C9-C10 Aromatic Hydrocarbons[1]	N/A	10	µg/L	**19**
Surrogate % Recovery (2,5-Dibromotoluene) PID				84
Surrogate % Recovery (2,5-Dibromotoluene) FID				92
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range
[3]C9-C12 Aliphatic Hydrocarbons exclude conc. of Target Analytes eluting in that range and conc. of C9-C10 Aromatic Hydrocarbons.
RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Volatile Petroleum Hydrocarbons (VPH), ORS Division of Environmental Analysis, Revision 1.1 May 2004.

COMMENTS: Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

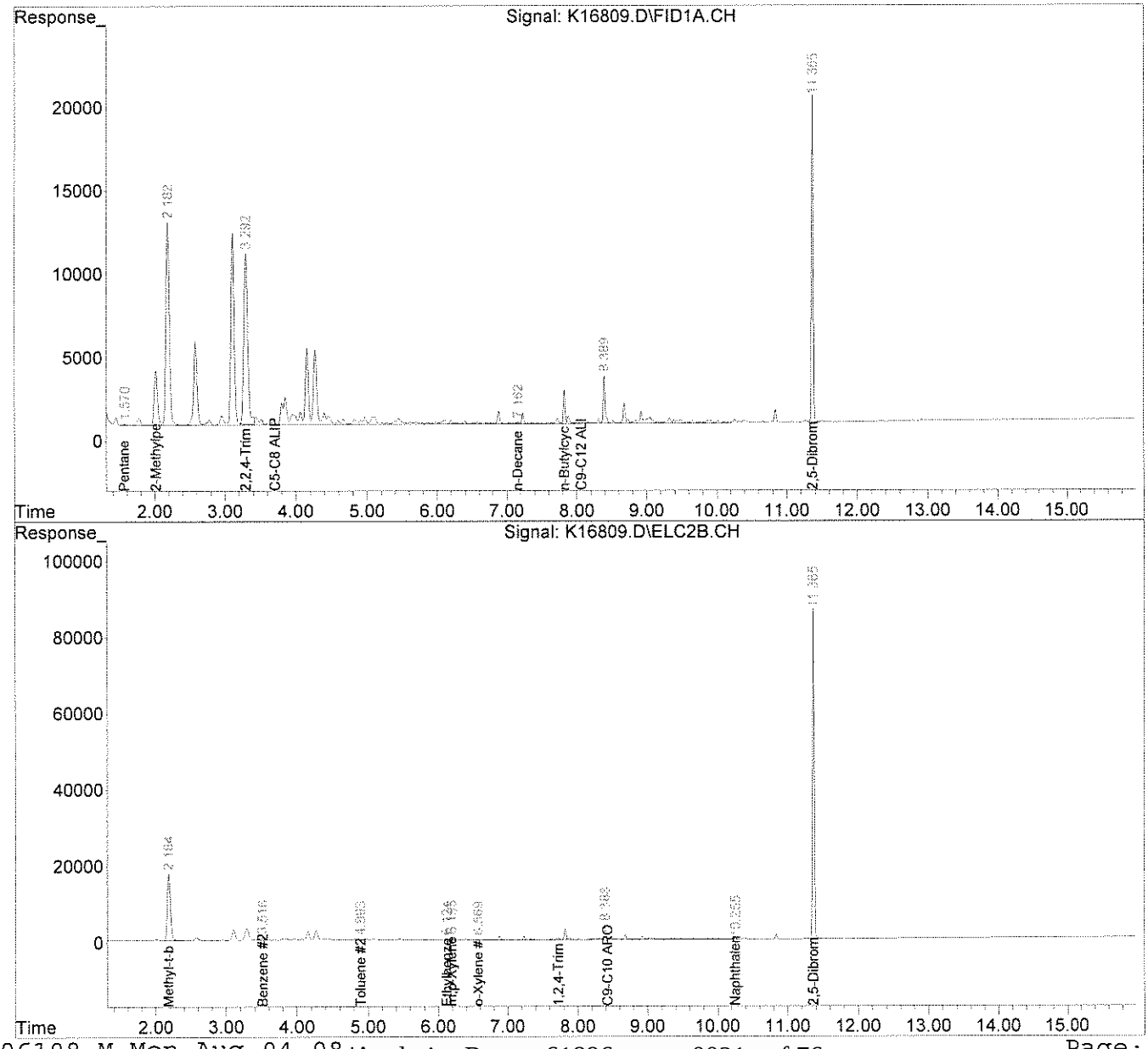
Authorized signature: MLuball

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\080108-K\
Data File : K16809.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 01 Aug 2008 5:08 pm
Operator :
Sample : 61896-4
Misc : 5000
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 04 08:53:18 2008
Quant Method : C:\msdchem\1\METHODS\VPH06108.M
Quant Title : Volatile Petroleum Hydrocarbons
QLast Update : Wed Jun 11 11:02:48 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



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August 5, 2008

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: Trip Blank

SAMPLE DATA

Lab Sample ID: 61896-5
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 07/30/08
Lab Receipt Date: 07/30/08
Analysis Date: 08/01/08

VPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE	Elution Range	RL	Units	Result
Unadjusted C5-C8 Aliphatics[1]	N/A	50	µg/L	U
Unadjusted C9-C12 Aliphatics[1]	N/A	50	µg/L	U
Benzene	C5-C8	2	µg/L	U
Ethylbenzene	C9-C12	2	µg/L	U
Methyl-tert-butyl ether	C5-C8	2	µg/L	U
Naphthalene	N/A	2	µg/L	U
Toluene	C5-C8	2	µg/L	U
m- & p-Xylenes	C9-C12	4	µg/L	U
o-Xylene	C9-C12	2	µg/L	U
C5-C8 Aliphatics Hydrocarbons[1,2]	N/A	50	µg/L	U
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	µg/L	U
C9-C10 Aromatic Hydrocarbons[1]	N/A	10	µg/L	U
Surrogate % Recovery (2,5-Dibromotoluene) PID				93
Surrogate % Recovery (2,5-Dibromotoluene) FID				102
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range
[3]C9-C12 Aliphatic Hydrocarbons exclude conc. of Target Analytes eluting in that range and conc. of C9-C10 Aromatic Hydrocarbons.
RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Volatile Petroleum Hydrocarbons (VPH), ORS Division of Environmental Analysis, Revision 1.1 May 2004

COMMENTS: Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

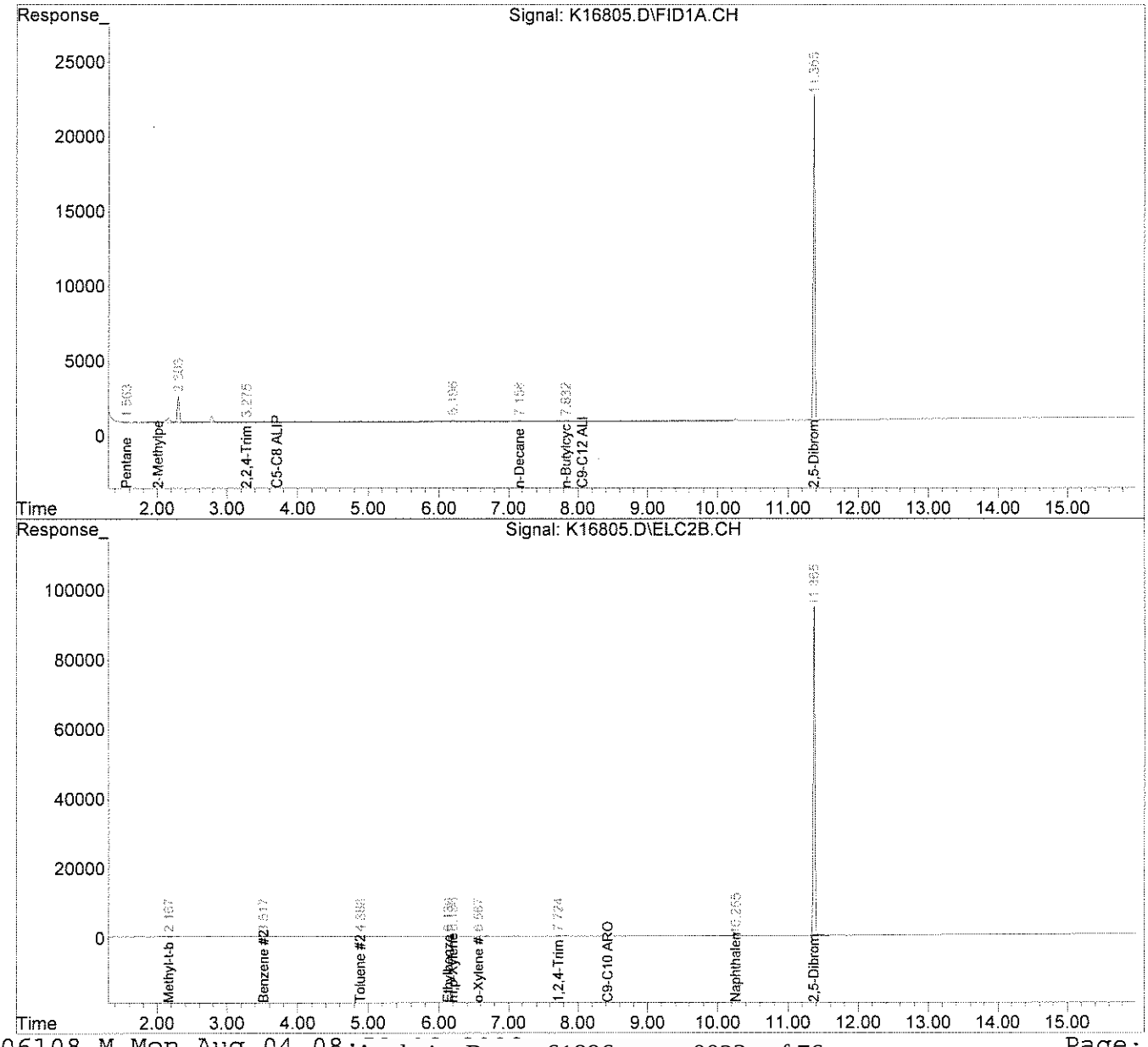
Authorized signature:

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\080108-K\
Data File : K16805.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 01 Aug 2008 3:33 pm
Operator :
Sample : 61896-5
Misc : 5000
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 04 08:53:12 2008
Quant Method : C:\msdchem\1\METHODS\VPH06108.M
Quant Title : Volatile Petroleum Hydrocarbons
QLast Update : Wed Jun 11 11:02:48 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



VPH
QC Forms

VOLATILE PETROLEUM HYDROCARBONS
LABORATORY CONTROL SAMPLE
LABORATORY CONTROL SAMPLE DUPLICATE
PERCENT RECOVERY

Instrument ID: K
GC Column: RTX-502.2
Column ID: 0.25 mm

SDG: 61896
Non-spiked sample: BV08018K
Spike: LV08018K
Spike duplicate: LV08018K2

COMPOUND	SPIKE ADDED	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
Pentane	100	70	130	25	0.0	105	105		98	98		7	
2-Methylpentane	100	70	130	25	0.0	100	100		95	95		5	
2,2,4-Trimethylpentane	100	70	130	25	0.0	108	108		100	100		8	
n-Decane	100	70	130	25	0.0	88	88		85	85		3	
n-Butylcyclohexane	100	70	130	25	0.0	93	93		87	87		7	
Methyl-t-butylether #2	100	70	130	25	0.0	78	78		84	84		8	
Benzene #2	100	70	130	25	0.0	93	93		92	92		1	
Toluene #2	100	70	130	25	0.0	92	92		91	91		1	
Ethylbenzene #2	100	70	130	25	0.0	94	94		92	92		2	
m,p-Xylene #2	200	70	130	25	0.0	190	95		186	93		2	
o-Xylene #2	100	70	130	25	0.0	93	93		92	92		1	
1,2,4-Trimethylbenzene #2	100	70	130	25	0.0	98	98		93	93		5	
Naphthalene #2	100	70	130	25	0.0	96	96		99	99		3	
C5-C8 Aliphatics	300	70	130	25	0.0	314	105		294	98		6	
C9-C12 Aliphatics	200	70	130	25	0.0	181	91		172	86		5	
C9-C10 Aromatics #2	100	70	130	25	0.0	98	98		93	93		5	

Column to be used to flag recovery and RPD values outside of QC limits
* Values outside QC limits

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery

Comments: _____

VOLATILE PETROLEUM HYDROCARBONS
LABORATORY CONTROL SAMPLE
LABORATORY CONTROL SAMPLE DUPLICATE
PERCENT RECOVERY

Instrument ID: K
GC Column: RTX-502.2
Column ID: 0.25 mm

SDG: 61896
Non-spiked sample: BV08068K
Spike: LV08068K
Spike duplicate: LV08068K2

COMPOUND	SPIKE ADDED	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
Pentane	100	70	130	25	0.0	120	120		110	110		9	
2-Methylpentane	100	70	130	25	0.0	111	111		103	103		8	
2,2,4-Trimethylpentane	100	70	130	25	0.0	113	113		102	102		10	
n-Decane	100	70	130	25	0.0	89	89		86	86		3	
n-Butylcyclohexane	100	70	130	25	0.0	91	91		87	87		4	
Methyl-t-butylether #2	100	70	130	25	0.0	109	109		112	112		2	
Benzene #2	100	70	130	25	0.0	110	110		105	105		4	
Toluene #2	100	70	130	25	0.0	107	107		103	103		4	
Ethylbenzene #2	100	70	130	25	0.0	107	107		102	102		5	
m,p-Xylene #2	200	70	130	25	0.0	215	108		206	103		5	
o-Xylene #2	100	70	130	25	0.0	105	105		102	102		4	
1,2,4-Trimethylbenzene #2	100	70	130	25	0.0	106	106		102	102		4	
Naphthalene #2	100	70	130	25	0.0	115	115		121	121		5	
C5-C8 Aliphatics	300	70	130	25	0.0	344	115		315	105		9	
C9-C12 Aliphatics	200	70	130	25	0.0	179	90		173	87		4	
C9-C10 Aromatics #2	100	70	130	25	0.0	106	106		102	102		4	

Column to be used to flag recovery and RPD values outside of QC limits
* Values outside QC limits

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery

Comments: _____

EPH
Data Summaries

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

August 12, 2008

Mr. Lucas Hathaway
Ransom Environmental Consultants, Inc.
400 Commercial Street Suite 404
Portland, ME 04101

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: LabQC

SAMPLE DATA

Lab Sample ID: B08058EW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 08/05/08
Analysis Date: 08/07/08

EPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE		RL	Units	Result
Unadjusted C11-C22 Aromatics [1]		150	µg/L	U
Diesel PAH Analytes	Naphthalene	4	µg/L	U
	2-Methylnaphthalene	4	µg/L	U
	Phenanthrene	4	µg/L	U
	Acenaphthene	4	µg/L	U
Other Target PAH Analytes	Acenaphthylene	4	µg/L	U
	Fluorene	4	µg/L	U
	Anthracene	4	µg/L	U
	Fluoranthene	4	µg/L	U
	Pyrene	4	µg/L	U
	Benzo[a]anthracene	4	µg/L	U
	Chrysene	4	µg/L	U
	Benzo[b]fluoranthene	4	µg/L	U
	Benzo[k]fluoranthene	4	µg/L	U
	Benzo[a]pyrene	4	µg/L	U
	Indeno[1,2,3-cd]pyrene	4	µg/L	U
	Dibenzo[a,h]anthracene	4	µg/L	U
	Benzo[g,h,i]perylene	4	µg/L	U
C9-C18 Aliphatic Hydrocarbons [1]		200	µg/L	U
C19-C36 Aliphatic Hydrocarbons [1]		200	µg/L	U
C11-C22 Aromatic Hydrocarbons [1,2]		150	µg/L	U
Aliphatic Surrogate % Recovery (1-Chloro-octadecane)				81
Aromatic Surrogate % Recovery (O-Terphenyl)				86
Sample Surrogate Acceptance Range		--	--	40-140%
#1 Fractionation Surrogate % Recovery (2-Fluorobiphenyl)				78
#2 Fractionation Surrogate % Recovery (2-Bromonaphthalene)				69
Fractionation Surrogate Acceptance Range		--	--	40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes.
*Recovery is outside the laboratory acceptance criteria. RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Extractable Petroleum Hydrocarbons (EPH), ORS Division of Environmental Analysis, May 2004 Revision 1.1. Samples were extracted in accordance with SW-846 Method 3510C.

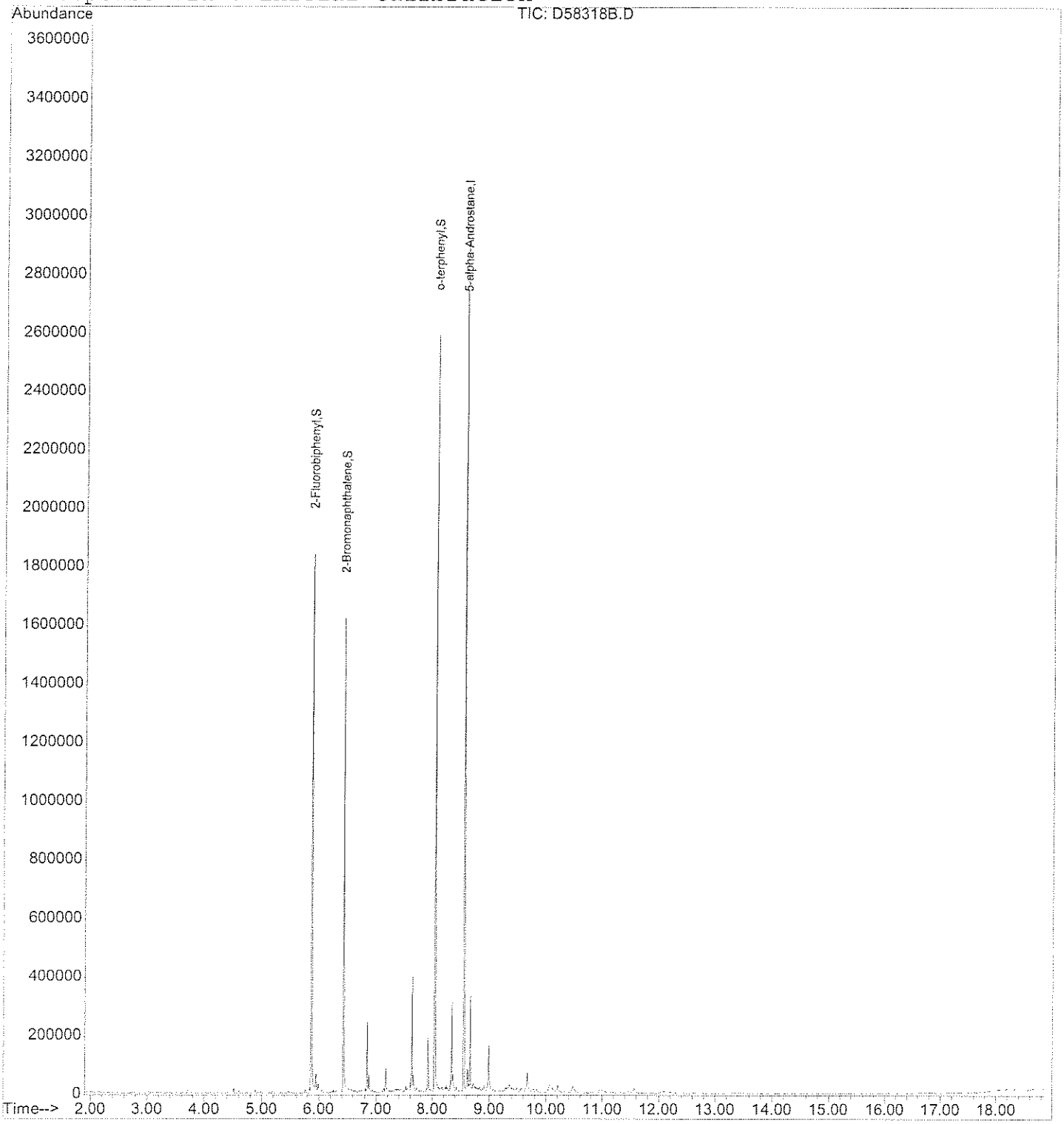
COMMENTS: EPH analyses utilized the use of a GC/MS system to detect and quantify ranges and target analytes. Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

SIGNATURE: 

Quantitation Report

Data File : D:\HPCHEM\1\DATA\080608-D\D58318B.D Vial: 22
Acq On : 7 Aug 2008 12:24 pm Operator:
Sample : B08058EW Inst : GC/MS Ins
Misc : ARO Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 7 19:44 2008 Quant Results File: ARM07228.RE

Method : D:\HPCHEM\1\METHODS\ARM07228.M (RTE Integrator)
Title : EPH MS AROMATICS
Last Update : Fri Aug 08 00:03:57 2008
Response via : Initial Calibration

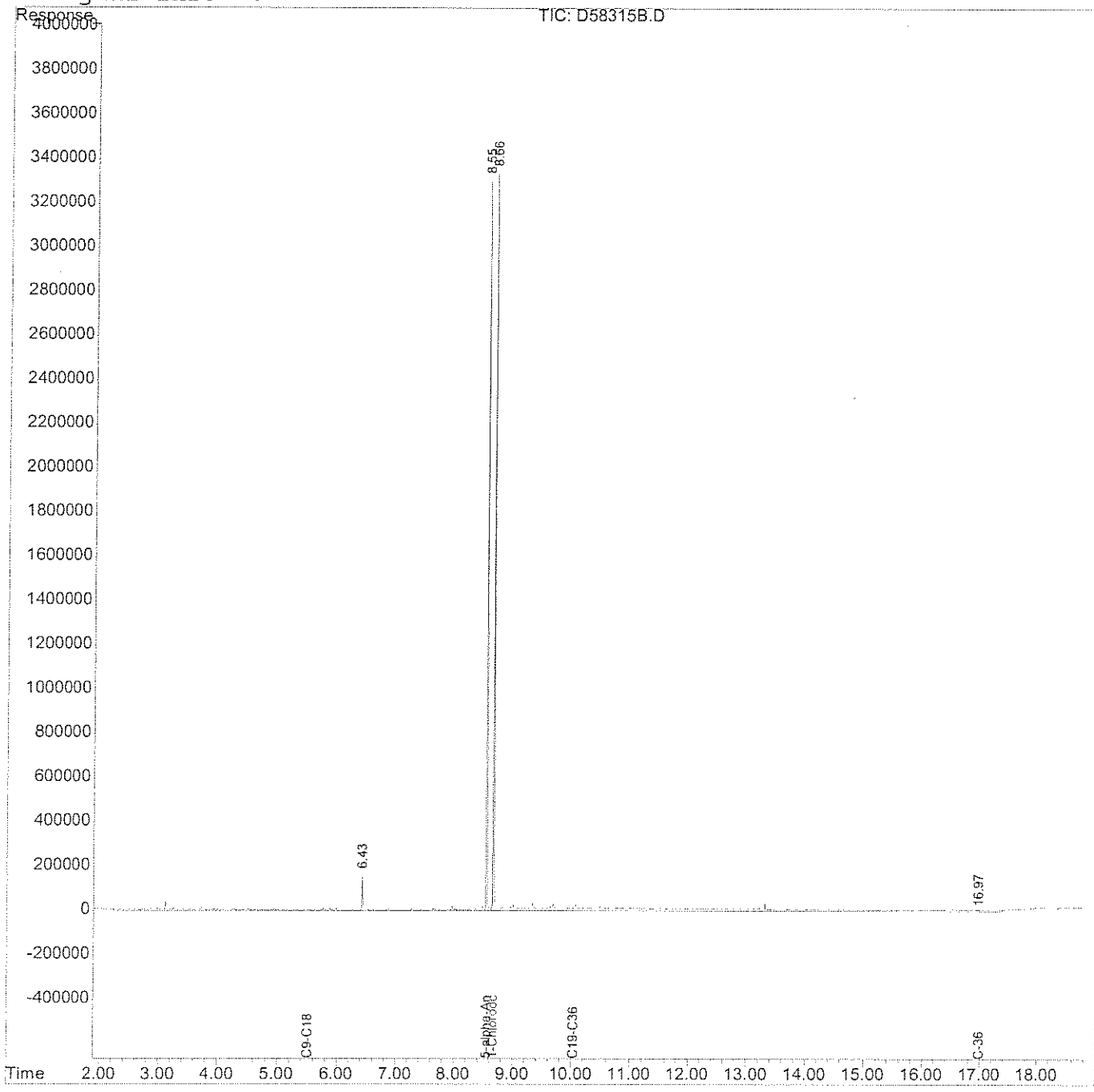


Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\080608-D\D58315B.D Vial: 19
Acq On : 7 Aug 2008 11:11 am Operator:
Sample : B08058EW Inst : GC/MS Ins
Misc : ALI Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 7 19:42 2008 Quant Results File: ALG07228.RES

Quant Method : D:\HPCHEM\1\METHODS\ALG07228.M (Chemstation Integrator)
Title : EPH GC ALIPHATICS
Last Update : Mon Jul 28 22:03:15 2008
Response via : Multiple Level Calibration
DataAcq Meth : EPH

Volume Inj. :
Signal Phase :
Signal Info :



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800-929-9906

August 11, 2008

Mr. Lucas Hathaway
Ransom Environmental Consultants, Inc.
400 Commercial Street Suite 404
Portland, ME 04101

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: MW-11-W1-073008

SAMPLE DATA

Lab Sample ID: 61896-1
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 07/30/08
Lab Receipt Date: 07/30/08
Extraction Date: 08/05/08
Analysis Date: 08/07/08

EPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE		RL	Units	Result
Unadjusted C11-C22 Aromatics [1]		158	µg/L	U
Diesel PAH Analytes	Naphthalene	4	µg/L	3 J
	2-Methylnaphthalene	4	µg/L	U
	Phenanthrene	4	µg/L	U
	Acenaphthene	4	µg/L	U
Other Target PAH Analytes	Acenaphthylene	4	µg/L	U
	Fluorene	4	µg/L	U
	Anthracene	4	µg/L	U
	Fluoranthene	4	µg/L	U
	Pyrene	4	µg/L	U
	Benzo[a]anthracene	4	µg/L	U
	Chrysene	4	µg/L	U
	Benzo[b]fluoranthene	4	µg/L	U
	Benzo[k]fluoranthene	4	µg/L	U
	Benzo[a]pyrene	4	µg/L	U
	Indeno[1,2,3-cd]pyrene	4	µg/L	U
	Dibenzo[a,h]anthracene	4	µg/L	U
	Benzo[g,h,i]perylene	4	µg/L	U
C9-C18 Aliphatic Hydrocarbons [1]		211	µg/L	U
C19-C36 Aliphatic Hydrocarbons [1]		211	µg/L	U
C11-C22 Aromatic Hydrocarbons [1,2]		158	µg/L	U
Aliphatic Surrogate % Recovery (1-Chloro-octadecane)				84
Aromatic Surrogate % Recovery (O-Terphenyl)				84
Sample Surrogate Acceptance Range		--	--	40-140%
#1 Fractionation Surrogate % Recovery (2-Fluorobiphenyl)				63
#2 Fractionation Surrogate % Recovery (2-Bromonaphthalene)				57
Fractionation Surrogate Acceptance Range		--	--	40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes.
*Recovery is outside the laboratory acceptance criteria. RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

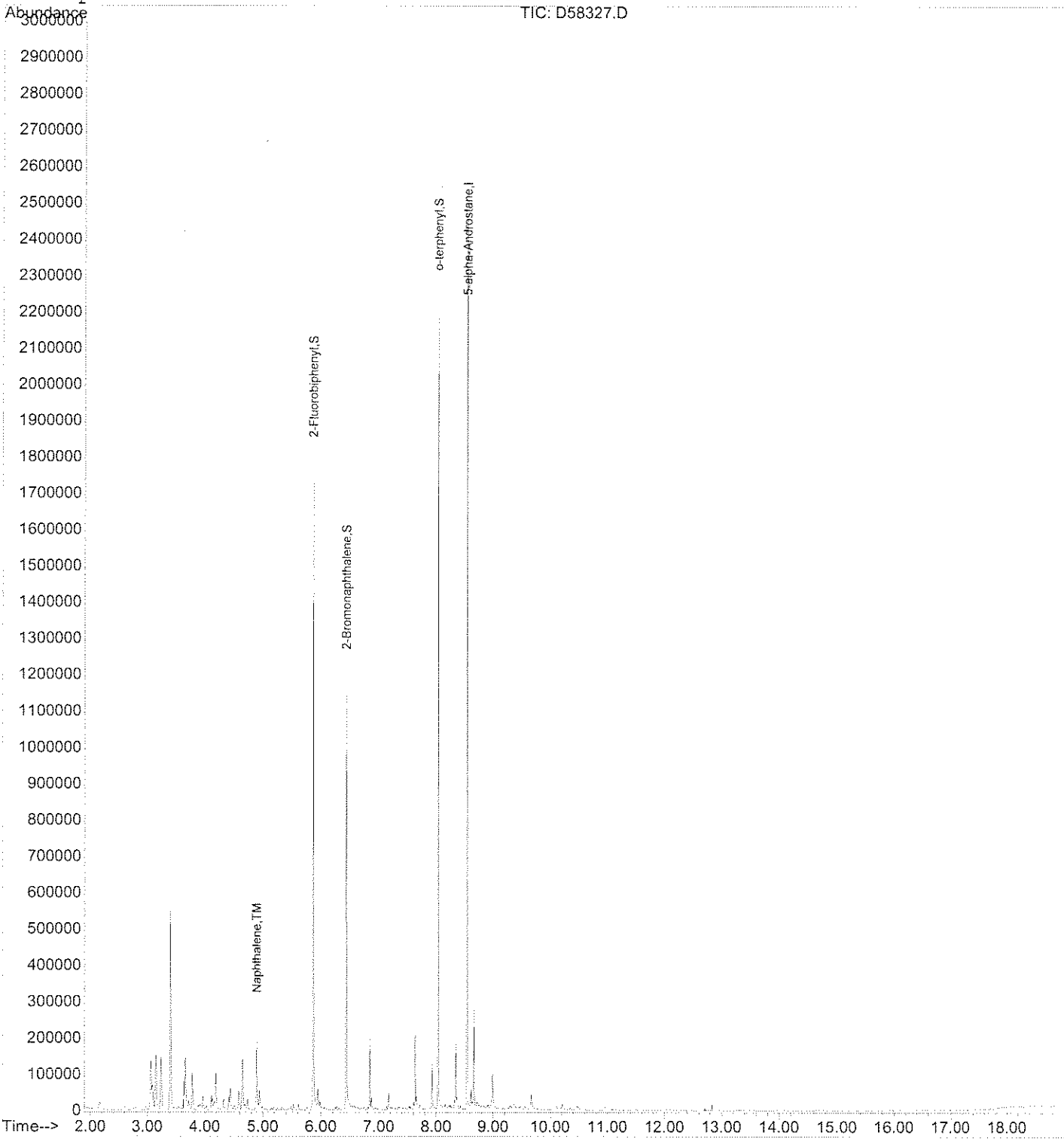
METHODOLOGY: MADEP Extractable Petroleum Hydrocarbons (EPH), ORS Division of Environmental Analysis, May 2004 Revision 1.1. Samples were extracted in accordance with SW-846 Method 3510C.

COMMENTS: EPH analyses utilized the use of a GC/MS system to detect and quantify ranges and target analytes. Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

SIGNATURE: 

Data File : D:\HPCHEM\1\DATA\080608-D\D58327.D Vial: 31
Acq On : 7 Aug 2008 4:05 pm Operator:
Sample : 61896-1 Inst : GC/MS Ins
Misc : ARO Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 3:30 2008 Quant Results File: ARM07228.RES

Method : D:\HPCHEM\1\METHODS\ARM07228.M (RTE Integrator)
Title : EPH MS AROMATICS
Last Update : Fri Aug 08 00:03:57 2008
Response via : Initial Calibration

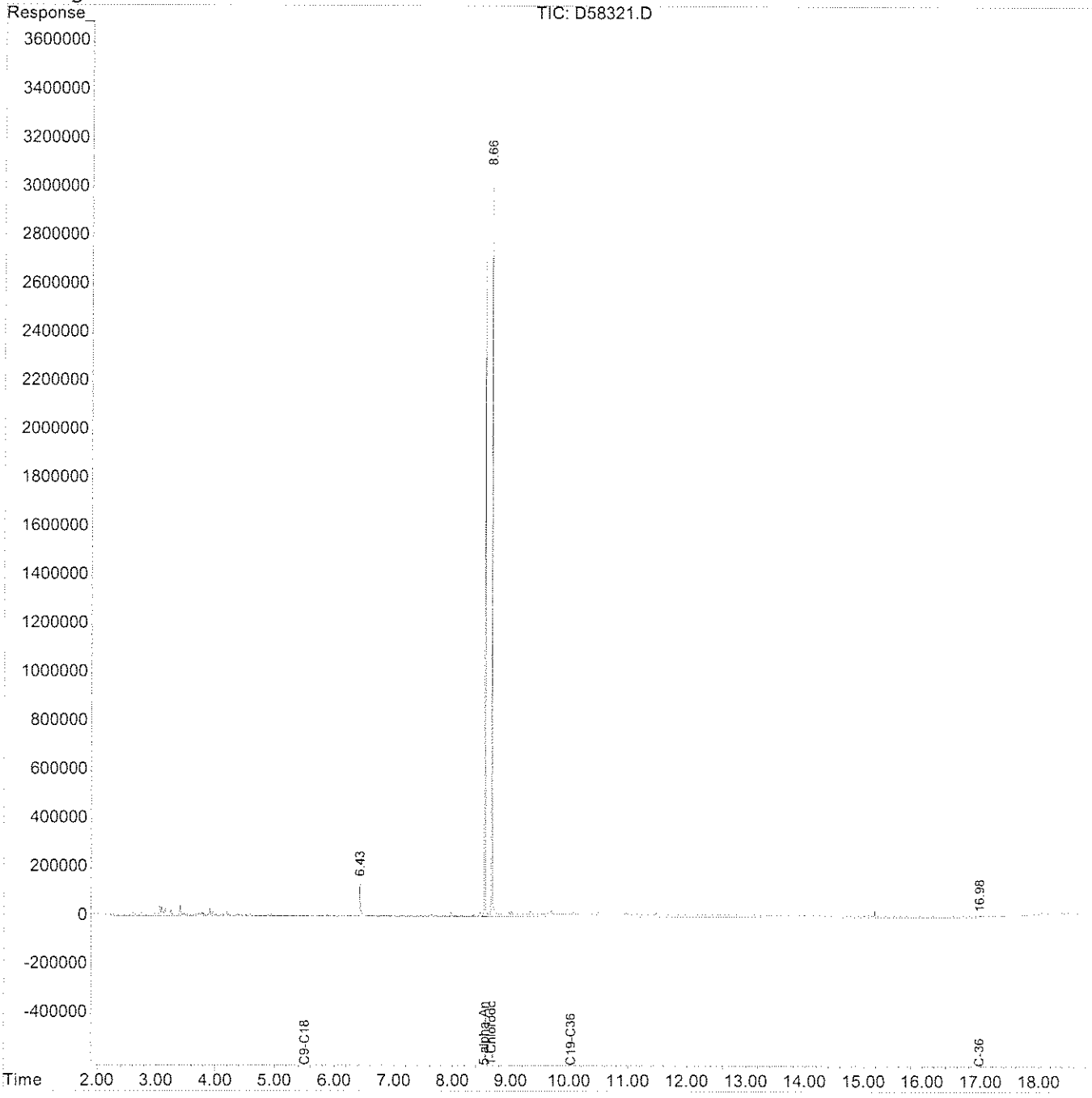


Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\080608-D\D58321.D Vial: 25
Acq On : 7 Aug 2008 1:38 pm Operator:
Sample : 61896-1 Inst : GC/MS Ins
Misc : ALI Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 7 19:42 2008 Quant Results File: ALG07228.RES

Quant Method : D:\HPCHEM\1\METHODS\ALG07228.M (Chemstation Integrator)
Title : EPH GC ALIPHATICS
Last Update : Mon Jul 28 22:03:15 2008
Response via : Multiple Level Calibration
DataAcq Meth : EPH

Volume Inj. :
Signal Phase :
Signal Info :



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August 11, 2008

Mr. Lucas Hathaway
Ransom Environmental Consultants, Inc.
400 Commercial Street Suite 404
Portland, ME 04101

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: TW101-W1-073008

SAMPLE DATA

Lab Sample ID: 61896-2
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 07/30/08
Lab Receipt Date: 07/30/08
Extraction Date: 08/05/08
Analysis Date: 08/07/08

EPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE		RL	Units	Result
Unadjusted C11-C22 Aromatics [1]		155	µg/L	U
Diesel PAH Analytes	Naphthalene	4	µg/L	U
	2-Methylnaphthalene	4	µg/L	U
	Phenanthrene	4	µg/L	U
	Acenaphthene	4	µg/L	U
Other Target PAH Analytes	Acenaphthylene	4	µg/L	U
	Fluorene	4	µg/L	U
	Anthracene	4	µg/L	U
	Fluoranthene	4	µg/L	U
	Pyrene	4	µg/L	U
	Benzo[a]anthracene	4	µg/L	U
	Chrysene	4	µg/L	U
	Benzo[b]fluoranthene	4	µg/L	U
	Benzo[k]fluoranthene	4	µg/L	U
	Benzo[a]pyrene	4	µg/L	U
	Indeno[1,2,3-cd]pyrene	4	µg/L	U
	Dibenzo[a,h]anthracene	4	µg/L	U
	Benzo[g,h,i]perylene	4	µg/L	U
C9-C18 Aliphatic Hydrocarbons [1]		206	µg/L	U
C19-C36 Aliphatic Hydrocarbons [1]		206	µg/L	U
C11-C22 Aromatic Hydrocarbons [1,2]		155	µg/L	U
Aliphatic Surrogate % Recovery (1-Chloro-octadecane)				78
Aromatic Surrogate % Recovery (O-Terphenyl)				74
Sample Surrogate Acceptance Range		--	--	40-140%
#1 Fractionation Surrogate % Recovery (2-Fluorobiphenyl)				64
#2 Fractionation Surrogate % Recovery (2-Bromonaphthalene)				60
Fractionation Surrogate Acceptance Range		--	--	40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes.
*Recovery is outside the laboratory acceptance criteria. RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Extractable Petroleum Hydrocarbons (EPH), ORS Division of Environmental Analysis, May 2004 Revision 1.1. Samples were extracted in accordance with SW-846 Method 3510C.

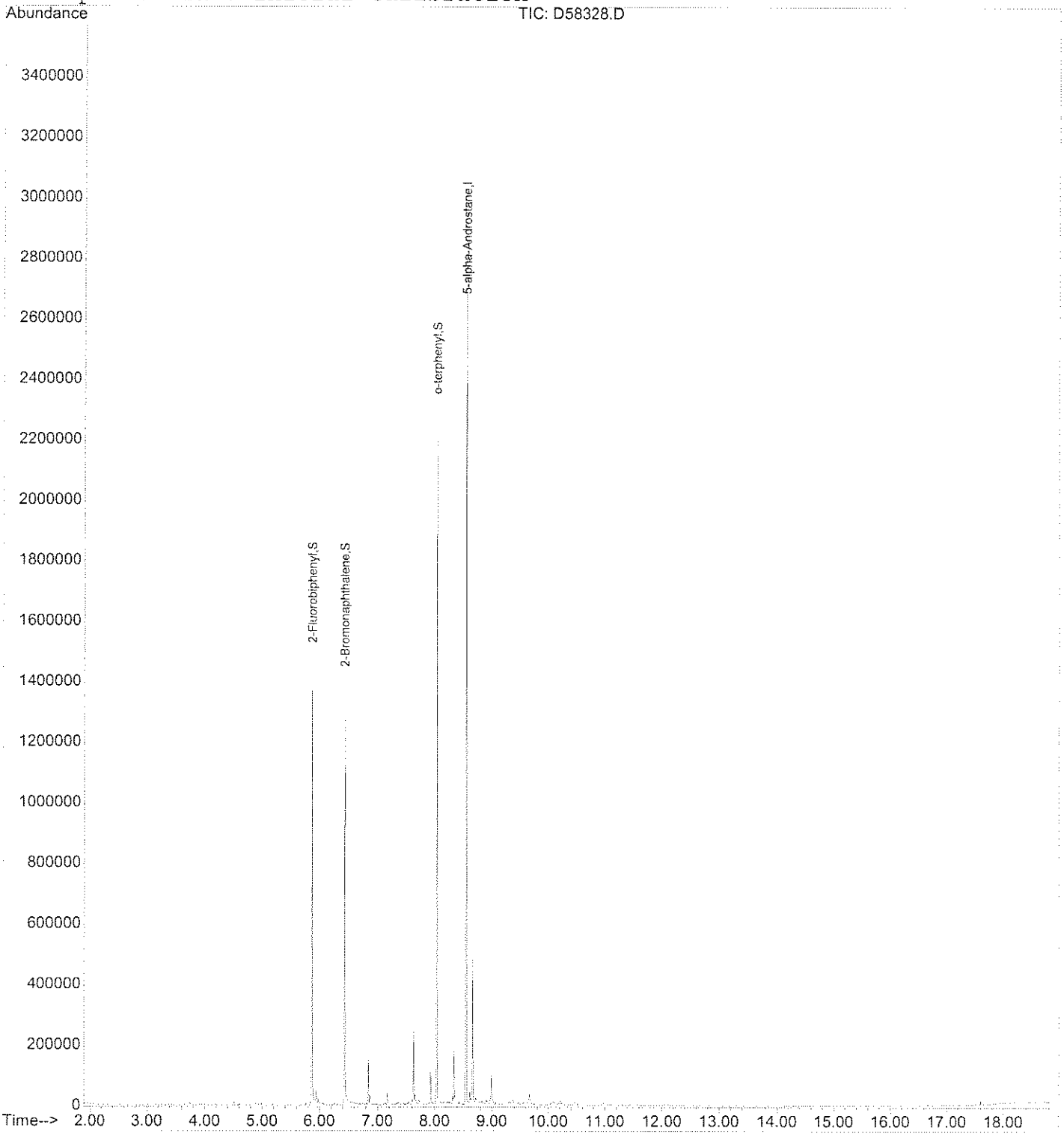
COMMENTS: EPH analyses utilized the use of a GC/MS system to detect and quantify ranges and target analytes. Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

SIGNATURE: 

Quantitation Report

Data File : D:\HPCHEM\1\DATA\080608-D\D58328.D Vial: 32
Acq On : 7 Aug 2008 4:29 pm Operator:
Sample : 61896-2 Inst : GC/MS Ins
Misc : ARO Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 3:30 2008 Quant Results File: ARM07228.RES

Method : D:\HPCHEM\1\METHODS\ARM07228.M (RTE Integrator)
Title : EPH MS AROMATICS
Last Update : Fri Aug 08 00:03:57 2008
Response via : Initial Calibration

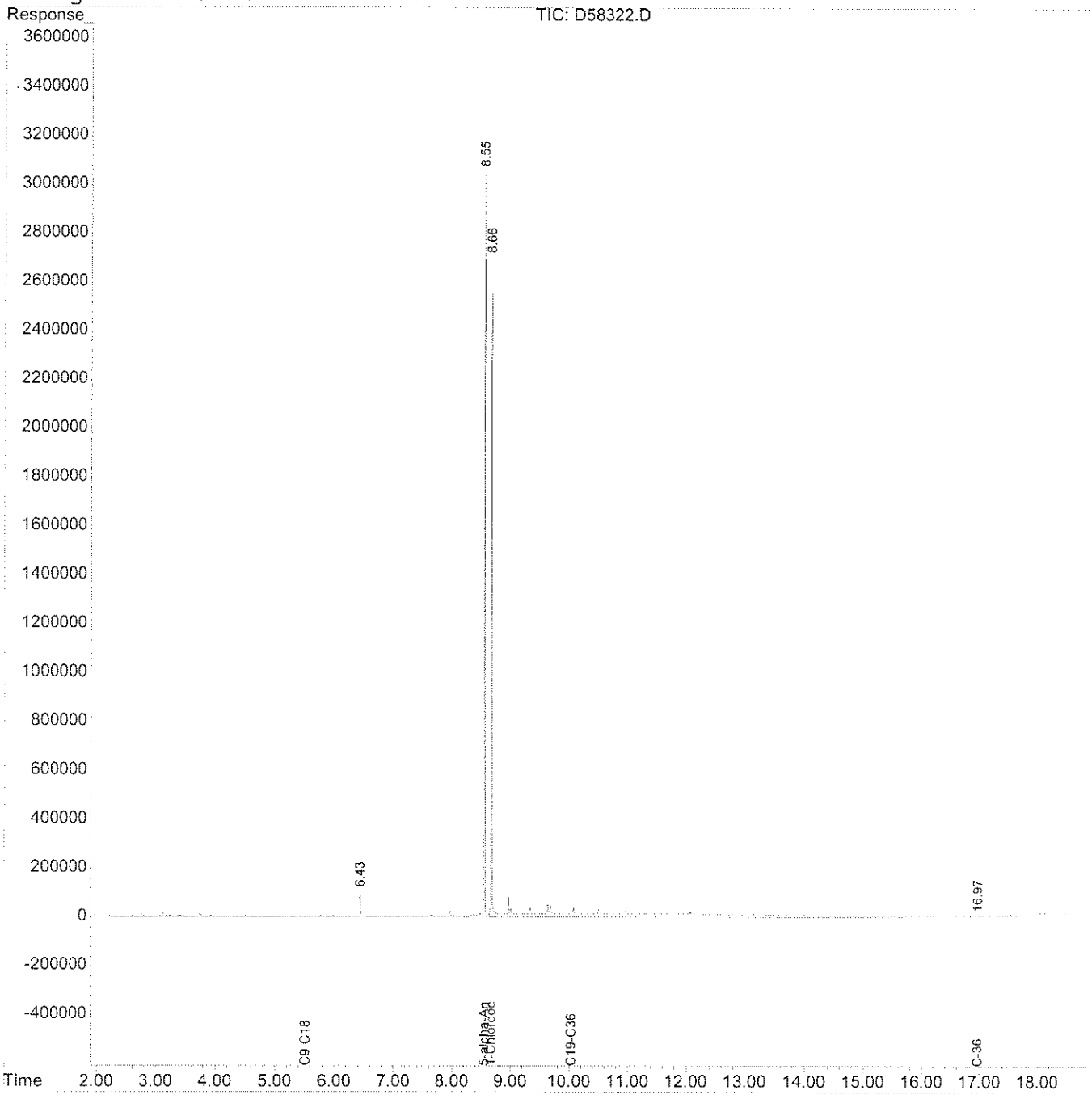


Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\080608-D\D58322.D Vial: 26
Acq On : 7 Aug 2008 2:02 pm Operator:
Sample : 61896-2 Inst : GC/MS Ins
Misc : ALI Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 7 19:42 2008 Quant Results File: ALG07228.RES

Quant Method : D:\HPCHEM\1\METHODS\ALG07228.M (Chemstation Integrator)
Title : EPH GC ALIPHATICS
Last Update : Mon Jul 28 22:03:15 2008
Response via : Multiple Level Calibration
DataAcq Meth : EPH

Volume Inj. :
Signal Phase :
Signal Info :



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August 12, 2008

Mr. Lucas Hathaway
Ransom Environmental Consultants, Inc.
400 Commercial Street Suite 404
Portland, ME 04101

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: TW102-W1-073008

SAMPLE DATA

Lab Sample ID: 61896-3
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 07/30/08
Lab Receipt Date: 07/30/08
Extraction Date: 08/05/08
Analysis Date: 08/07/08

EPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE		RL	Units	Result
Unadjusted C11-C22 Aromatics [1]		154	µg/L	U
Diesel PAH Analytes	Naphthalene	4	µg/L	**10**
	2-Methylnaphthalene	4	µg/L	**3 J**
	Phenanthrene	4	µg/L	**4**
	Acenaphthene	4	µg/L	U
Other Target PAH Analytes	Acenaphthylene	4	µg/L	U
	Fluorene	4	µg/L	U
	Anthracene	4	µg/L	U
	Fluoranthene	4	µg/L	U
	Pyrene	4	µg/L	U
	Benzo[a]anthracene	4	µg/L	U
	Chrysene	4	µg/L	U
	Benzo[b]fluoranthene	4	µg/L	U
	Benzo[k]fluoranthene	4	µg/L	U
	Benzo[a]pyrene	4	µg/L	U
	Indeno[1,2,3-cd]pyrene	4	µg/L	U
	Dibenzo[a,h]anthracene	4	µg/L	U
	Benzo[g,h,i]perylene	4	µg/L	U
C9-C18 Aliphatic Hydrocarbons [1]		205	µg/L	U
C19-C36 Aliphatic Hydrocarbons [1]		205	µg/L	U
C11-C22 Aromatic Hydrocarbons [1,2]		154	µg/L	U
Aliphatic Surrogate % Recovery (1-Chloro-octadecane)				56
Aromatic Surrogate % Recovery (O-Terphenyl)				82
Sample Surrogate Acceptance Range		--	--	40-140%
#1 Fractionation Surrogate % Recovery (2-Fluorobiphenyl)				67
#2 Fractionation Surrogate % Recovery (2-Bromonaphthalene)				57
Fractionation Surrogate Acceptance Range		--	--	40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes.
*Recovery is outside the laboratory acceptance criteria. RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: MADEP Extractable Petroleum Hydrocarbons (EPH), ORS Division of Environmental Analysis, May 2004 Revision 1.1. Samples were extracted in accordance with SW-846 Method 3510C.

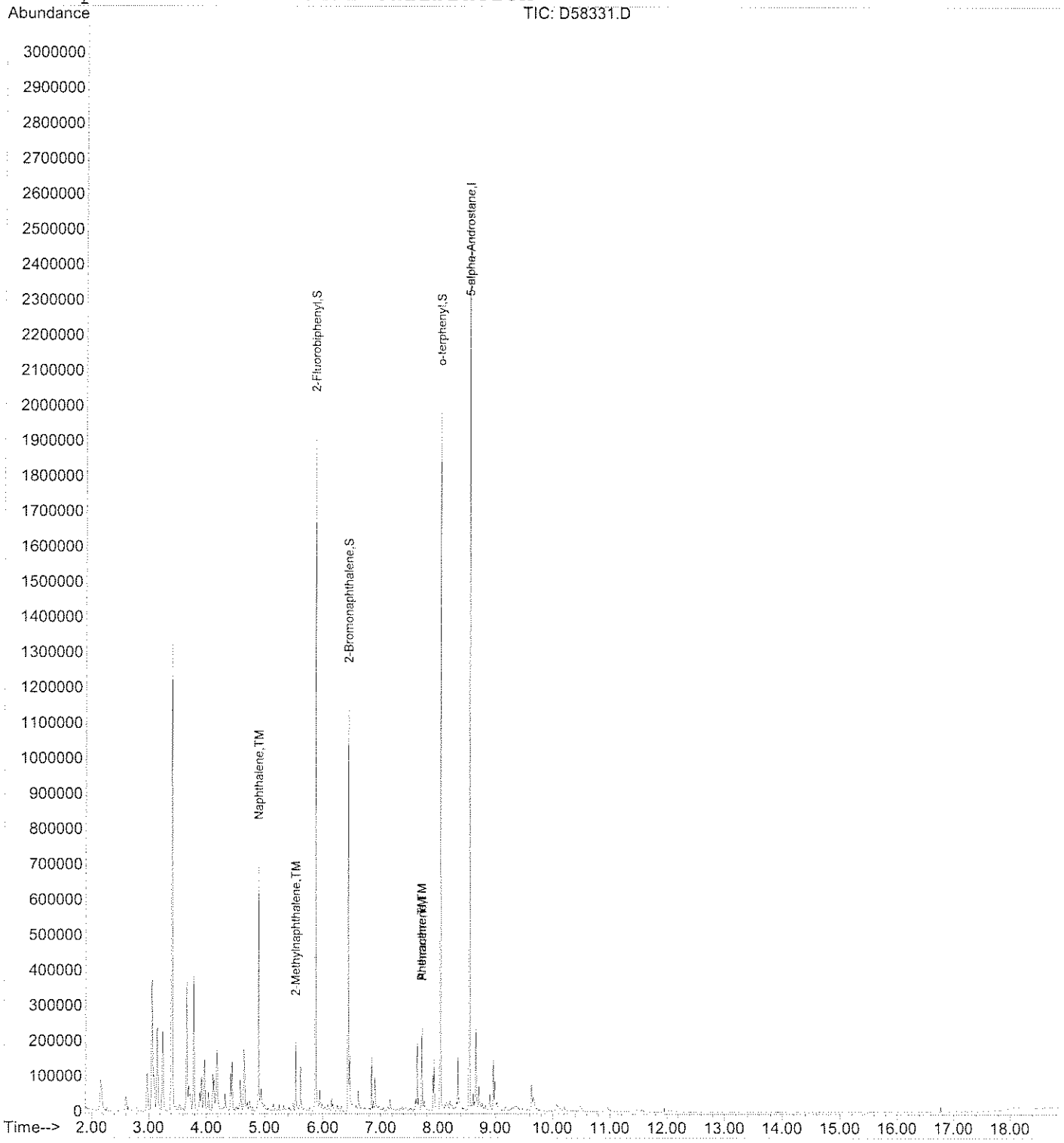
COMMENTS: EPH analyses utilized the use of a GC/MS system to detect and quantify ranges and target analytes. Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

SIGNATURE: 

Quantitation Report

Data File : D:\HPCHEM\1\DATA\080608-D\D58331.D Vial: 35
Acq On : 7 Aug 2008 5:42 pm Operator:
Sample : 61896-3 Inst : GC/MS Ins
Misc : ARO Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 3:30 2008 Quant Results File: ARM07228.RES

Method : D:\HPCHEM\1\METHODS\ARM07228.M (RTE Integrator)
Title : EPH MS AROMATICS
Last Update : Fri Aug 08 00:03:57 2008
Response via : Initial Calibration

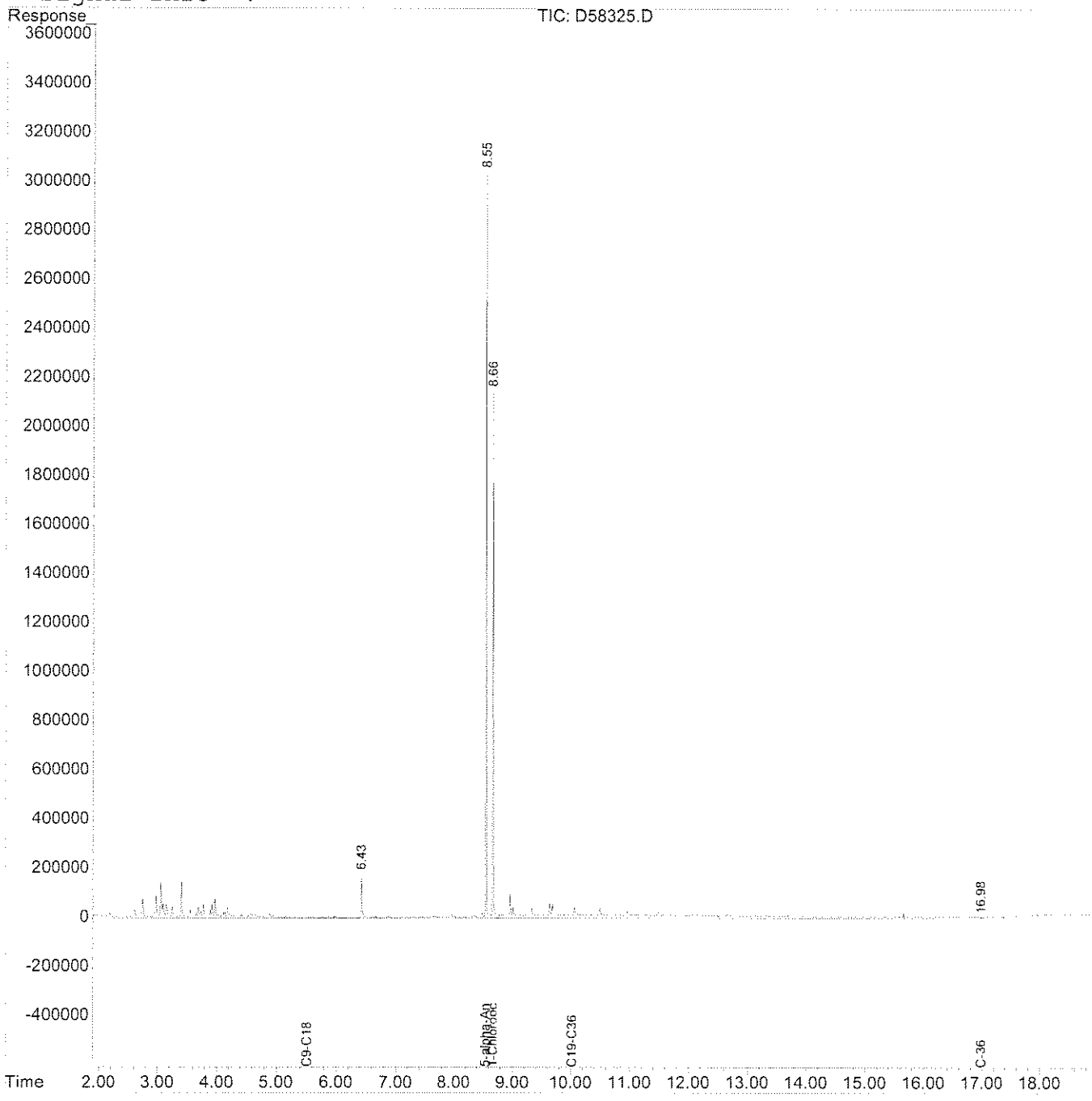


Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\080608-D\D58325.D Vial: 29
Acq On : 7 Aug 2008 3:16 pm Operator:
Sample : 61896-3 Inst : GC/MS Ins
Misc : ALI Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 7 19:42 2008 Quant Results File: ALG07228.RES

Quant Method : D:\HPCHEM\1\METHODS\ALG07228.M (Chemstation Integrator)
Title : EPH GC ALIPHATICS
Last Update : Mon Jul 28 22:03:15 2008
Response via : Multiple Level Calibration
DataAcq Meth : EPH

Volume Inj. :
Signal Phase :
Signal Info :



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

August 11, 2008

Mr. Lucas Hathaway
Ransom Environmental Consultants, Inc.
400 Commercial Street Suite 404
Portland, ME 04101

CLIENT SAMPLE ID

Project Name: CVS Peabody

Project Number: 066072
Client Sample ID: TW104-W1-073008

SAMPLE DATA

Lab Sample ID: 61896-4
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 07/30/08
Lab Receipt Date: 07/30/08
Extraction Date: 08/05/08
Analysis Date: 08/07/08

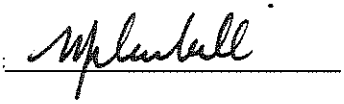
EPH ANALYTICAL RESULTS

RANGE/TARGET ANALYTE		RL	Units	Result
Unadjusted C11-C22 Aromatics [1]		169	µg/L	U
Diesel PAH Analytes	Naphthalene	4	µg/L	U
	2-Methylnaphthalene	4	µg/L	U
	Phenanthrene	4	µg/L	U
	Acenaphthene	4	µg/L	U
Other Target PAH Analytes	Acenaphthylene	4	µg/L	U
	Fluorene	4	µg/L	U
	Anthracene	4	µg/L	U
	Fluoranthene	4	µg/L	U
	Pyrene	4	µg/L	U
	Benzo[a]anthracene	4	µg/L	U
	Chrysene	4	µg/L	U
	Benzo[b]fluoranthene	4	µg/L	U
	Benzo[k]fluoranthene	4	µg/L	U
	Benzo[a]pyrene	4	µg/L	U
	Indeno[1,2,3-cd]pyrene	4	µg/L	U
	Dibenzo[a,h]anthracene	4	µg/L	U
	Benzo[g,h,i]perylene	4	µg/L	U
C9-C18 Aliphatic Hydrocarbons [1]		225	µg/L	U
C19-C36 Aliphatic Hydrocarbons [1]		225	µg/L	U
C11-C22 Aromatic Hydrocarbons [1,2]		169	µg/L	U
Aliphatic Surrogate % Recovery (1-Chloro-octadecane)				86
Aromatic Surrogate % Recovery (O-Terphenyl)				84
Sample Surrogate Acceptance Range		--	--	40-140%
#1 Fractionation Surrogate % Recovery (2-Fluorobiphenyl)				68
#2 Fractionation Surrogate % Recovery (2-Bromonaphthalene)				59
Fractionation Surrogate Acceptance Range		--	--	40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes.
*Recovery is outside the laboratory acceptance criteria. RL = Report Limit
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

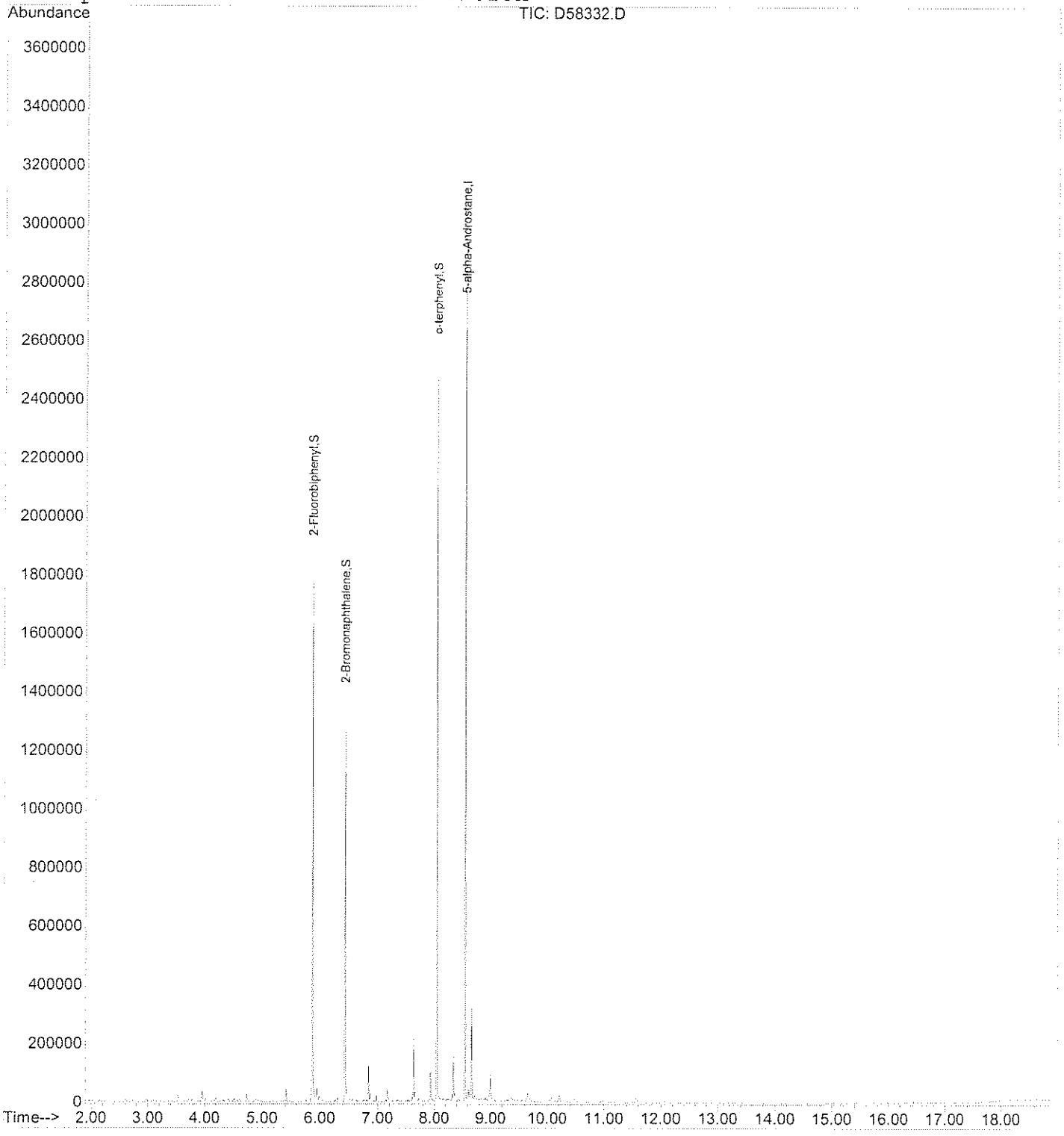
METHODOLOGY: MADEP Extractable Petroleum Hydrocarbons (EPH), ORS Division of Environmental Analysis, May 2004 Revision 1.1. Samples were extracted in accordance with SW-846 Method 3510C.

COMMENTS: EPH analyses utilized the use of a GC/MS system to detect and quantify ranges and target analytes. Samples were received in accordance with method criteria unless noted on the sample receipt checklist.

SIGNATURE: 

Data File : D:\HPCHEM\1\DATA\080608-D\D58332.D Vial: 36
Acq On : 7 Aug 2008 6:07 pm Operator:
Sample : 61896-4 Inst : GC/MS Ins
Misc : ARO Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 3:30 2008 Quant Results File: ARM07228.RES

Method : D:\HPCHEM\1\METHODS\ARM07228.M (RTE Integrator)
Title : EPH MS AROMATICS
Last Update : Fri Aug 08 00:03:57 2008
Response via : Initial Calibration

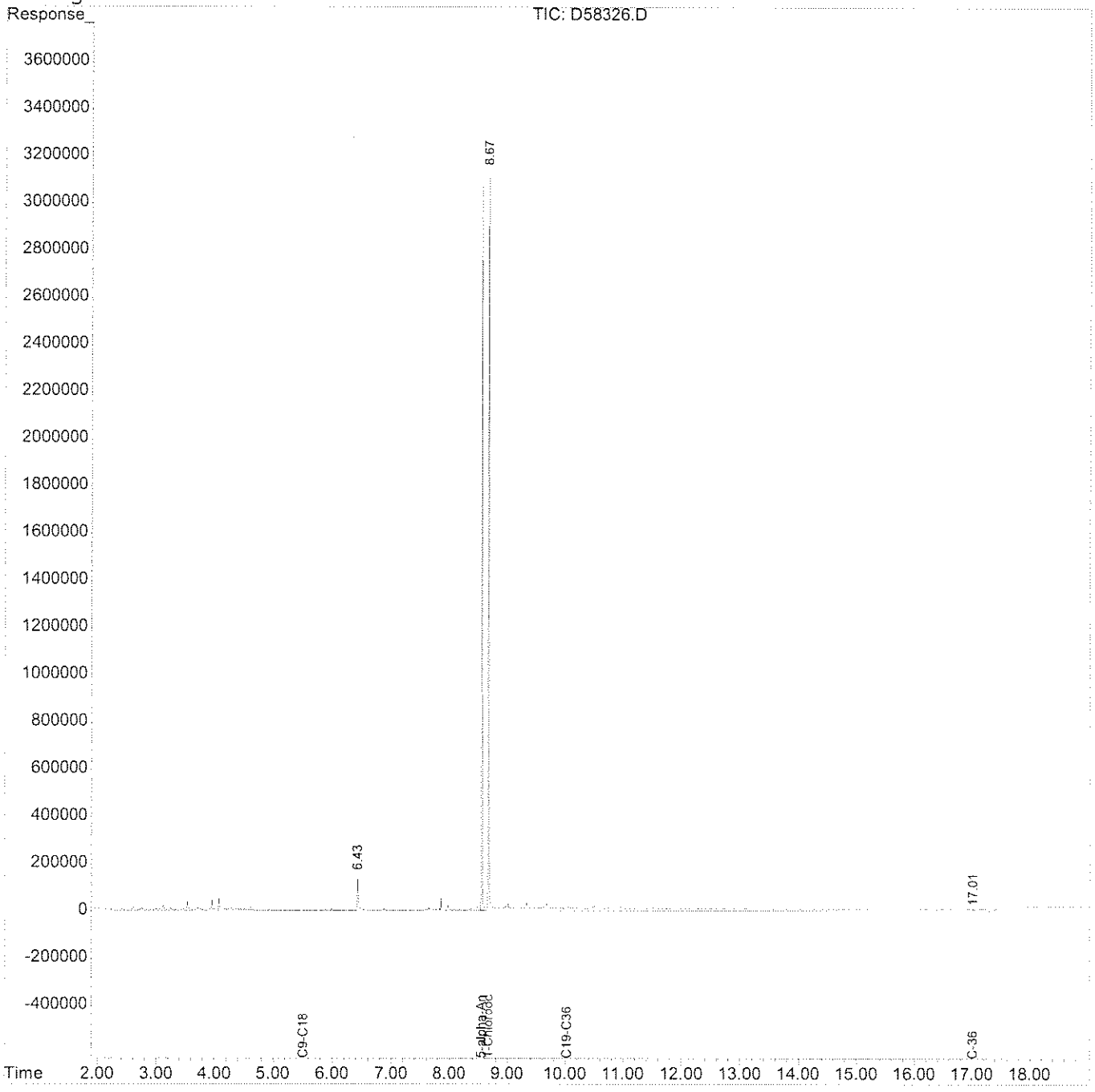


Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\080608-D\D58326.D Vial: 30
Acq On : 7 Aug 2008 3:40 pm Operator:
Sample : 61896-4 Inst : GC/MS Ins
Misc : ALI Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 7 19:42 2008 Quant Results File: ALG07228.RES

Quant Method : D:\HPCHEM\1\METHODS\ALG07228.M (Chemstation Integrator)
Title : EPH GC ALIPHATICS
Last Update : Mon Jul 28 22:03:15 2008
Response via : Multiple Level Calibration
DataAcq Meth : EPH

Volume Inj. :
Signal Phase :
Signal Info :



EPH
QC Forms

EPH ALIPHATICS
AQUEOUS LABORATORY CONTROL SAMPLE
LABORATORY CONTROL SAMPLE DUPLICATE
PERCENT RECOVERY

Instrument ID: D
GC Column: RTX-5ms
Column ID: 0.25 mm

SDG: 61896
Non-spiked sample: B08058EW
Spike: L08058EW
Spike duplicate: LD08058EW

COMPOUND	SPIKE ADDED	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
C-9	25	30	140	25	0.0	15	59		14	56		6	
C-10	25	40	140	25	0.0	19	75		16	65		15	
C-12	25	40	140	25	0.0	20	81		20	82		1	
C-14	25	40	140	25	0.0	21	83		20	81		2	
C-16	25	40	140	25	0.0	23	92		21	83		10	
C-18	25	40	140	25	0.0	23	90		23	94		4	
C-19	25	40	140	25	0.0	23	91		23	91		0	
C-20	25	40	140	25	0.0	23	92		23	90		2	
C-22	25	40	140	25	0.0	23	93		23	93		0	
C-24	25	40	140	25	0.0	23	93		23	91		2	
C-26	25	40	140	25	0.0	23	92		23	93		2	
C-28	25	40	140	25	0.0	23	91		22	90		2	
C-30	25	40	140	25	0.0	24	95		23	91		4	
C-36	25	40	140	25	0.0	19	76		19	78		2	

C9-C18 Aliphatics	150	40	140	25	0	120	80		115	77		4	
C19-C36 Aliphatics	200	40	140	25	0	181	90		179	90		1	

Column to be used to flag recovery and RPD values outside of QC limits
* Values outside QC limits

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery

Comments: _____

EPH AROMATICS
AQUEOUS LABORATORY CONTROL SAMPLE
LABORATORY CONTROL SAMPLE DUPLICATE
PERCENT RECOVERY

Instrument ID: D
GC Column: RTX-5ms
Column ID: 0.25 mm

SDG: 61896
Non-spiked sample: B08058EW
Spike: L08058EW
Spike duplicate: LD08058EW

COMPOUND	SPIKE ADDED	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
Naphthalene	25	40	140	20	0.0	18	72		17	70		2	
2-Methylnaphthalene	25	40	140	20	0.0	18	71		18	72		1	
Acenaphthylene	25	40	140	20	0.0	20	78		20	78		0	
Acenaphthene	25	40	140	20	0.0	21	82		19	75		10	
Fluorene	25	40	140	20	0.0	21	83		21	85		2	
Phenanthrene	25	40	140	20	0.0	22	89		22	86		4	
Anthracene	25	40	140	20	0.0	24	95		22	88		7	
Fluoranthene	25	40	140	20	0.0	23	94		22	87		7	
Pyrene	25	40	140	20	0.0	24	94		23	92		2	
Benzo[a]anthracene	25	40	140	20	0.0	25	100		24	94		6	
Chrysene	25	40	140	20	0.0	25	98		23	92		6	
Benzo[b] fluoranthene	25	40	140	20	0.0	24	95		23	90		5	
Benzo[k] fluoranthene	25	40	140	20	0.0	23	92		23	91		2	
Benzo[a] pyrene	25	40	140	20	0.0	23	92		22	90		2	
Indeno [1,2,3-cd] pyrene	25	40	140	20	0.0	21	84		21	86		1	
Dibenz [a,h] anthracene	25	40	140	20	0.0	22	87		21	85		3	
Benzo(g,h,i) perylene	25	40	140	20	0.0	21	83		22	89		7	

Column to be used to flag recovery and RPD values outside of QC limits
* Values outside QC limits

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery

Comments: _____

EPH ALIPHATICS
AQUEOUS MATRIX SPIKE
MATRIX SPIKE DUPLICATE
PERCENT RECOVERY

Instrument ID: D
GC Column: RTX-5ms
Column ID: 0.25 mm

SDG: 61896
Non-spiked sample: 61896-2
Spike: 61896-2,MS
Spike duplicate: 61896-2,MSD

COMPOUND	SPIKE ADDED	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
C-9	25	30	140	50	0.0	14	58		14	58		0	
C-10	25	40	140	50	0.0	18	71		18	74		3	
C-12	25	40	140	50	0.0	21	84		19	76		10	
C-14	25	40	140	50	0.0	21	84		23	91		8	
C-16	25	40	140	50	0.0	23	91		22	90		1	
C-18	25	40	140	50	0.0	24	95		22	86		10	
C-19	25	40	140	50	0.0	22	90		24	96		7	
C-20	25	40	140	50	0.0	23	93		23	93		1	
C-22	25	40	140	50	0.0	22	90		25	100		11	
C-24	25	40	140	50	0.0	23	92		23	91		1	
C-26	25	40	140	50	0.0	24	94		26	103		9	
C-28	25	40	140	50	0.0	23	91		26	102		12	
C-30	25	40	140	50	0.0	23	91		25	99		8	
C-36	25	40	140	50	0.0	19	76		21	86		12	
C9-C18 Aliphatics	150	40	140	50	0	121	80		119	79		2	
C19-C36 Aliphatics	200	40	140	50	0	179	90		193	96		7	

Column to be used to flag recovery and RPD values outside of QC limits
* Values outside QC limits

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery

Comments: _____

EPH AROMATICS
AQUEOUS MATRIX SPIKE
MATRIX SPIKE DUPLICATE
PERCENT RECOVERY

Instrument ID: D
GC Column: RTX-5ms
Column ID: 0.25 mm

SDG: 61896
Non-spiked sample: 61896-2
Spike: 61896-2,MS
Spike duplicate: 61896-2,MSD

COMPOUND	SPIKE ADDED	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
Naphthalene	25	40	140	50	0.0	15	59		16	65		10	
2-Methylnaphthalene	25	40	140	50	0.0	15	60		17	66		10	
Acenaphthylene	25	40	140	50	0.0	17	67		19	75		11	
Acenaphthene	25	40	140	50	0.0	17	66		18	72		9	
Fluorene	25	40	140	50	0.0	18	73		20	79		8	
Phenanthrene	25	40	140	50	0.0	20	80		22	87		8	
Anthracene	25	40	140	50	0.0	21	82		22	90		9	
Fluoranthene	25	40	140	50	0.0	20	78		22	88		12	
Pyrene	25	40	140	50	0.0	21	82		22	86		5	
Benzo[a]anthracene	25	40	140	50	0.0	20	80		23	91		12	
Chrysene	25	40	140	50	0.0	22	87		22	89		3	
Benzo[b] fluoranthene	25	40	140	50	0.0	20	80		22	89		11	
Benzo[k] fluoranthene	25	40	140	50	0.0	22	87		22	88		1	
Benzo[a] pyrene	25	40	140	50	0.0	21	85		22	88		4	
Indeno [1,2,3-cd] pyrene	25	40	140	50	0.0	20	78		20	79		1	
Dibenz [a,h] anthracene	25	40	140	50	0.0	20	80		20	79		2	
Benzo(g,h,i) perylene	25	40	140	50	0.0	20	80		21	84		5	

Column to be used to flag recovery and RPD values outside of QC limits
* Values outside QC limits

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery

Comments: _____

EPH AROMATIC BREAKTHOUGH REPORT
OF ALIPHATIC LABORATORY CONTROL SAMPLE

Instrument ID: D
GC Column: Rtx-5ms
Column ID: 0.25 mm

SDG: 61896
Aliphatic LCS: L08058EW
Aromatic LCS: L08058EW

COMPOUND	LOWER LIMIT	UPPER LIMIT	ALIPHATIC RESULT (ug/mL)	AROMATIC RESULT (ug/mL)	% BREAKTHROUGH	#
Naphthalene	0	5	0.00	17.9	0.0	
2-Methylnaphthalene	0	5	0.00	17.7	0.0	

Column to be used to flag breakthrough values outside of QC limits
* Values outside QC limits

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery

Comments: _____

EPH AROMATIC BREAKTHOUGH REPORT
OF ALIPHATIC LABORATORY CONTROL SAMPLE

Instrument ID: D
GC Column: Rtx-5ms
Column ID: 0.25 mm

SDG: 61896
Aliphatic LCS: LD08058EW
Aromatic LCS: LD08058EW

COMPOUND	LOWER LIMIT	UPPER LIMIT	ALIPHATIC RESULT (ug/mL)	AROMATIC RESULT (ug/mL)	% BREAKTHROUGH	#
Naphthalene	0	5	0.00	17.5	0.0	
2-Methylnaphthalene	0	5	0.00	17.9	0.0	

Column to be used to flag breakthrough values outside of QC limits
* Values outside QC limits

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery

Comments: _____

analytics environmental laboratory LLC

SUBCONTRACTED REPORTS
&
NARRATIVES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 360-17976-1

Job Description: CVS Peabody - 066072

For:
Analytics Environmental Laboratory, LLC
195 Commerce Way
Suite E
Portsmouth, NH 03801

Attention: Mr. Stephen Knollmeyer

Joseph A. Clemens J.

Designee for
Beata A Fleury
Project Manager II
beata.fleury@testamericainc.com
08/11/2008

cc: Melissa Gulli

The test results in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Westfield Certifications and Approvals: MADEP MA014, RIDOH57, CTDPH 0494, VT DECWSD, NH DES 253903-A, NELAP FL E87912 TOX, NELAP NJ MA008 TOX, NELAP NY 10843, NY DOH 10843.

TestAmerica Laboratories, Inc.
TestAmerica Westfield Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085
Tel (413) 572-4000 Fax (413) 572-3707 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	**TestAmerica Westfield**	Project #:	**360-17976-1**
Project Location:	**CVS Peabody**	MADEP RTN[1]:	

This form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
360-17976-(1-4)

Sample Matrices: **Groundwater** Soil/Sediment Drinking Water Other:

MCP SW-846	8260B( )	8151A ( )	8330 ( )	6010B (x)	7470A/1A ( )	Other ( )
Methods Used	8270C( )	8081A ( )	VPH ( )	6020 ( )	9014M[2]/9012 ( )	
As specified in MADEP	8082 ( )	8021B ( )	EPH ( )	7000 S[3]( )	7196A ( )	

As specified in MADEP Compendium of Analytical Methods. (check all that apply)

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series List individual method and analyte.

An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	Yes √		No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes √		No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, " Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes √	N/A	No[1]
D	**VPH and EPH methods only:** Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	Yes	N/A √	No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes √		No[1]
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes	N/A	No[1] √

[1] All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

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 analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature:  **Position:** Laboratory Director

Printed Name: Steven C. Hartmann **Date:** 8/11/08 10:56

The certification form has been electronically signed and approved. CAM VII A, Rev 3.2 April-04

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

MADEP MA014
NY DOH 10843
RI DOH 57
CT DPH 0494
VT DECWSD

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NH DES 253901-A

TestAmerica Westfield
53 Southampton Rd,
Westfield, MA 01085
Tel:(413)572-4000
Fax:(413)572-3707

Boston Service Center
148 Rangeway Rd
N.Billerica, MA 01862
Tel:(978)667-1400
Fax:(978)667-7871

MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	**TestAmerica Westfield**	Project #:	**360-17976-1**
Project Location:	**CVS Peabody**	MADEP RTN[1]:	

This form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
360-17976-(1-4)

Sample Matrices: **Groundwater** Soil/Sediment Drinking Water Other:

MCP SW-846 Methods Used	8260B( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A (x)	Other ( )
	8270C( )	8081A ( )	VPH ( )	6020 ( )	9014M[2]/9012 ( )	
As specified in MADEP Compendium of Analytical Methods (check all that apply)	8082 ( )	8021B ( )	EPH ( )	7000 S[3]( )	7196A ( )	

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series List individual method and analyte.

An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status

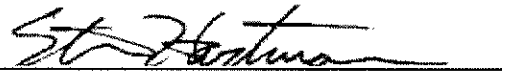
A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	Yes √		No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes √		No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, " Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes √	N/A	No[1]
D	**VPH and EPH methods only:** Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	Yes	N/A √	No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes √		No[1]
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes √	N/A	No[1]

[1] All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

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 analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature:  **Position:** Laboratory Director

Printed Name: Steven C. Hartmann **Date:** 8/11/08 10:56

The certification form has been electronically signed and approved. CAM VII A, Rev 3.2 April-04

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

MADEP MA014
NY DOH 10843
RI DOH 57
CT DPH 0494
VT DECWSD

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NH DES 253901-A

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Westfield, MA 01085
Tel:(413)572-4000
Fax:(413)572-3707

Boston Service Center
148 Rangeway Rd
N.Billerica, MA 01862
Tel:(978)667-1400
Fax:(978)667-7871

CASE NARRATIVE

Client: Analytics Environmental Laboratory, LLC

Project: CVS Peabody - 066072

Report Number: 360-17976-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues as stipulated in the MCP reporting requirements.

In order to facilitate report review, a separate MCP Analytical Method Report Certification Form is included for each method requested.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy "MCP program" reporting limits in some cases if the "adjusted" RL is greater than the applicable MCP standards or criterion to which the concentration is being compared. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes which exceed the calibration range.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

The samples were received on 07/31/2008; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.2°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC and MADEP standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

DISSOLVED METALS

Samples 360-17976-1 through 360-17976-4 were analyzed for dissolved metals in accordance with EPA SW846 Method 6010B. The samples were analyzed on 08/01/2008.

All QA/QC procedures required to meet Presumptive Certainty for the specified analytical method were performed as per section B of the MADEP MCP analytical method report Certification form.

All QC performance standards and recommendations, which may affect Data Usability for this specific method, were achieved.

General method information:
At the request of the client, a modified MCP analyte list (EPA RCRA 8 vs. WSC CAM III-A) was reported for this job.

DISSOLVED MERCURY

Samples 360-17976-1 through 360-17976-4 were analyzed for dissolved mercury in accordance with EPA SW846 Method 7470A. The samples were prepared and analyzed on 08/08/2008.

All QA/QC procedures required to meet Presumptive Certainty for the specified analytical method were performed as per section B of the MADEP MCP analytical method report Certification form.

All QC performance standards and recommendations, which may affect Data Usability for this specific method, were achieved.

This case narrative is available in Word format upon request.

METHOD SUMMARY

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL WFD	SW846 6010B	
Sample Filtration performed in the Field	TAL WFD		FIELD_FLTRD
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL WFD	SW846 7470A	
Sample Filtration performed in the Field	TAL WFD		FIELD_FLTRD
Mercury in Liquid Waste (Manual Cold Vapor	TAL WFD		SW846 7470A

Lab References:

TAL WFD = TestAmerica Westfield

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Method	Analyst	Analyst ID
SW846 6010B	Nasiatka, Ellen M	EMN
SW846 7470A	Nasiatka, Ellen M	EMN

SAMPLE SUMMARY

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-17976-1	MW-11-W1-073008 / 61896-1	Ground Water	07/30/2008 1300	07/31/2008 1030
360-17976-2	TW101-W1-073008 / 61896-2	Ground Water	07/30/2008 1150	07/31/2008 1030
360-17976-3	TW102-W1-073008 / 61896-3	Ground Water	07/30/2008 1120	07/31/2008 1030
360-17976-4	TW104-W1-073008 / 61896-4	Ground Water	07/30/2008 1036	07/31/2008 1030

SAMPLE RESULTS

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Client Sample ID: MW-11-W1-073008 / 61896-1

Lab Sample ID: 360-17976-1
Client Matrix: Ground Water

Date Sampled: 07/30/2008 1300
Date Received: 07/31/2008 1030

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: N/A
Dilution: 1.0
Date Analyzed: 08/01/2008 1143
Date Prepared: N/A

Analysis Batch: 360-34881

Instrument ID: Varian 720 ES ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Result (ug/L)	Qualifier	RL
Silver	ND		5.0
Arsenic	ND		10
Barium	96		10
Cadmium	ND		1.0
Chromium	ND		5.0
Lead	ND		5.0
Selenium	ND		10

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-Dissolved

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 08/08/2008 1232
Date Prepared: 08/08/2008 0940

Analysis Batch: 360-35108
Prep Batch: 360-35085

Instrument ID: Leeman Labs
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Mercury	ND		0.20

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Client Sample ID: TW101-W1-073008 / 61896-2

Lab Sample ID: 360-17976-2
Client Matrix: Ground Water

Date Sampled: 07/30/2008 1150
Date Received: 07/31/2008 1030

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch: 360-34881	Instrument ID: Varian 720 ES ICP
Preparation:	N/A		Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume:
Date Analyzed:	08/01/2008 1154		Final Weight/Volume: 1.0 mL
Date Prepared:	N/A		

Analyte	Result (ug/L)	Qualifier	RL
Silver	ND		5.0
Arsenic	ND		10
Barium	120		10
Cadmium	ND		1.0
Chromium	ND		5.0
Lead	ND		5.0
Selenium	ND		10

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-Dissolved

Method:	7470A	Analysis Batch: 360-35108	Instrument ID: Leeman Labs
Preparation:	7470A	Prep Batch: 360-35085	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	08/08/2008 1237		Final Weight/Volume: 10 mL
Date Prepared:	08/08/2008 0940		

Analyte	Result (ug/L)	Qualifier	RL
Mercury	ND		0.20

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Client Sample ID: TW102-W1-073008 / 61896-3

Lab Sample ID: 360-17976-3
Client Matrix: Ground Water

Date Sampled: 07/30/2008 1120
Date Received: 07/31/2008 1030

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch: 360-34881	Instrument ID: Varian 720 ES ICP
Preparation:	N/A		Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume:
Date Analyzed:	08/01/2008 1157		Final Weight/Volume: 1.0 mL
Date Prepared:	N/A		

Analyte	Result (ug/L)	Qualifier	RL
Silver	ND		5.0
Arsenic	17		10
Barium	110		10
Cadmium	ND		1.0
Chromium	ND		5.0
Lead	ND		5.0
Selenium	ND		10

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-Dissolved

Method:	7470A	Analysis Batch: 360-35108	Instrument ID: Leeman Labs
Preparation:	7470A	Prep Batch: 360-35085	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	08/08/2008 1239		Final Weight/Volume: 10 mL
Date Prepared:	08/08/2008 0940		

Analyte	Result (ug/L)	Qualifier	RL
Mercury	ND		0.20

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Client Sample ID: TW104-W1-073008 / 61896-4

Lab Sample ID: 360-17976-4
Client Matrix: Ground Water

Date Sampled: 07/30/2008 1036
Date Received: 07/31/2008 1030

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch: 360-34881		Instrument ID:	Varian 720 ES ICP
Preparation:	N/A			Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	08/01/2008 1206			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A				

Analyte	Result (ug/L)	Qualifier	RL
Silver	ND		5.0
Arsenic	ND		10
Barium	72		10
Cadmium	ND		1.0
Chromium	ND		5.0
Lead	ND		5.0
Selenium	ND		10

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-Dissolved

Method:	7470A	Analysis Batch: 360-35108		Instrument ID:	Leeman Labs
Preparation:	7470A	Prep Batch: 360-35085		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	08/08/2008 1241			Final Weight/Volume:	10 mL
Date Prepared:	08/08/2008 0940				

Analyte	Result (ug/L)	Qualifier	RL
Mercury	ND		0.20

QUALITY CONTROL RESULTS

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:360-34881					
LCS 360-34881/1	Lab Control Spike	T	Water	6010B	
LCSD 360-34881/9	Lab Control Spike Duplicate	T	Water	6010B	
MB 360-34881/2	Method Blank	T	Water	6010B	
360-17976-1	MW-11-W1-073008 / 61896-1	D	Water	6010B	
360-17976-1DU	Duplicate	D	Water	6010B	
360-17976-1MS	Matrix Spike	D	Water	6010B	
360-17976-2	TW101-W1-073008 / 61896-2	D	Water	6010B	
360-17976-3	TW102-W1-073008 / 61896-3	D	Water	6010B	
360-17976-4	TW104-W1-073008 / 61896-4	D	Water	6010B	
Prep Batch: 360-35085					
LCS 360-35085/2-A	Lab Control Spike	T	Water	7470A	
LCSD 360-35085/3-A	Lab Control Spike Duplicate	T	Water	7470A	
MB 360-35085/1-A	Method Blank	T	Water	7470A	
360-17976-1	MW-11-W1-073008 / 61896-1	D	Water	7470A	
360-17976-1DU	Duplicate	D	Water	7470A	
360-17976-1MS	Matrix Spike	D	Water	7470A	
360-17976-2	TW101-W1-073008 / 61896-2	D	Water	7470A	
360-17976-3	TW102-W1-073008 / 61896-3	D	Water	7470A	
360-17976-4	TW104-W1-073008 / 61896-4	D	Water	7470A	
Analysis Batch:360-35108					
LCS 360-35085/2-A	Lab Control Spike	T	Water	7470A	360-35085
LCSD 360-35085/3-A	Lab Control Spike Duplicate	T	Water	7470A	360-35085
MB 360-35085/1-A	Method Blank	T	Water	7470A	360-35085
360-17976-1	MW-11-W1-073008 / 61896-1	D	Water	7470A	360-35085
360-17976-1DU	Duplicate	D	Water	7470A	360-35085
360-17976-1MS	Matrix Spike	D	Water	7470A	360-35085
360-17976-2	TW101-W1-073008 / 61896-2	D	Water	7470A	360-35085
360-17976-3	TW102-W1-073008 / 61896-3	D	Water	7470A	360-35085
360-17976-4	TW104-W1-073008 / 61896-4	D	Water	7470A	360-35085

Report Basis
D = Dissolved
T = Total

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Method Blank - Batch: 360-34881

Method: 6010B
Preparation: N/A

Lab Sample ID: MB 360-34881/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2008 1125
Date Prepared: N/A

Analysis Batch: 360-34881
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 720 ES ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	RL
Silver	ND		5.0
Arsenic	ND		10
Barium	ND		10
Cadmium	ND		1.0
Chromium	ND		5.0
Lead	ND		5.0
Selenium	ND		10

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 360-34881

Method: 6010B
Preparation: N/A

LCS Lab Sample ID: LCS 360-34881/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2008 1123
Date Prepared: N/A

Analysis Batch: 360-34881
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 720 ES ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 360-34881/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2008 1200
Date Prepared: N/A

Analysis Batch: 360-34881
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 720 ES ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silver	100	100	80 - 120	0	20		
Arsenic	100	100	80 - 120	0	20		
Barium	100	100	80 - 120	0	20		
Cadmium	99	99	80 - 120	0	20		
Chromium	100	100	80 - 120	0	20		
Lead	100	100	80 - 120	0	20		
Selenium	100	100	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Matrix Spike - Batch: 360-34881

Method: 6010B
Preparation: N/A

Lab Sample ID: 360-17976-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2008 1149
Date Prepared: N/A

Analysis Batch: 360-34881
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 720 ES ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 10 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Silver	ND	1000	943	94	75 - 125	
Arsenic	ND	1000	1100	110	75 - 125	
Barium	96	1000	1100	101	75 - 125	
Cadmium	ND	1000	1050	105	75 - 125	
Chromium	ND	1000	1040	104	75 - 125	
Lead	ND	1000	1040	104	75 - 125	
Selenium	ND	1000	1110	111	75 - 125	

Duplicate - Batch: 360-34881

Method: 6010B
Preparation: N/A

Lab Sample ID: 360-17976-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2008 1146
Date Prepared: N/A

Analysis Batch: 360-34881
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 720 ES ICP
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Silver	ND	ND	NC	20	
Arsenic	ND	ND	NC	20	
Barium	96	95.4	1	20	
Cadmium	ND	ND	NC	20	
Chromium	ND	ND	NC	20	
Lead	ND	ND	NC	20	
Selenium	ND	ND	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Method Blank - Batch: 360-35085

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 360-35085/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/08/2008 1222
Date Prepared: 08/08/2008 0940

Analysis Batch: 360-35108
Prep Batch: 360-35085
Units: ug/L

Instrument ID: Leeman Labs Automated
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Mercury	ND		0.20

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 360-35085

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID: LCS 360-35085/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/08/2008 1228
Date Prepared: 08/08/2008 0940

Analysis Batch: 360-35108
Prep Batch: 360-35085
Units: ug/L

Instrument ID: Leeman Labs Automated
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 360-35085/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/08/2008 1230
Date Prepared: 08/08/2008 0940

Analysis Batch: 360-35108
Prep Batch: 360-35085
Units: ug/L

Instrument ID: Leeman Labs Automated
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	102	102	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Matrix Spike - Batch: 360-35085

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID: 360-17976-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/08/2008 1235
Date Prepared: 08/08/2008 0940

Analysis Batch: 360-35108
Prep Batch: 360-35085
Units: ug/L

Instrument ID: Leeman Labs Automated
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	ND	5.00	5.14	103	75 - 125	

Duplicate - Batch: 360-35085

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID: 360-17976-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/08/2008 1234
Date Prepared: 08/08/2008 0940

Analysis Batch: 360-35108
Prep Batch: 360-35085
Units: ug/L

Instrument ID: Leeman Labs Automated
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	ND	ND	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Login Sample Receipt Check List

Client: Analytics Environmental Laboratory, LLC

Job Number: 360-17976-1

Login Number: 17976
Creator: Tremblay, Kara R
List Number: 1

List Source: TestAmerica Westfield

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	0.2 C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Chain Of Custody Form

Job # 360-17976

analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 4 03/28/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C _____
3) Received in good condition Y or N
4) pH checked by: _____
5) Labels checked by: _____

Project#: 066072 Proj. Name CVS PEABODY
Company: ANALYTICS Environmental Laboratory LLC
Contact: Ms. Melissa Gulli
Address: 195 COMMERCE WAY
PORTSMOUTH, NH 03801
Phone: 603-436-5111 PO#61896 Quote #
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
X = Other

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO3	H2SO4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
MW-11-W1-073008	07/30/08	1300	Diss. RCRA 8 Metals			x					GW	1	p		61896-1
TW101-W1-073008	07/30/08	1150	Diss. RCRA 8 Metals			x					GW	1	p		-2
TW102-W1-073008	07/30/08	1120	Diss. RCRA 8 Metals			x					GW	1	p		-3
TW104-W1-073008	07/30/08	1036	Diss. RCRA 8 Metals			x					GW	1	p		-4

	Received By:	Time:	Date:
	UPS Ground	1715	7/30/08
	Kevin Buckley	1030	7/31/08
Relinquished By Sampler:	Relinquished By:	Relinquished By:	
	UPS Ground		

0.2°C cooler #1 &

Email Results to:
mgulli@analyticslab.com
sknollmeyer@analyticslab.com

Comments / Instructions:

Please reference Station ID number and AEL Lab number on report(s).

Method Type: RCRA NPDES DW
Metals (Aqueous) Total or Dissolved Field Filtered

Turnaround Time (TAT)

- [ ] 24hr*
- [ ] ~~48hr*~~
- [ ] 72hr*
- [ ] 5 Days*
- [x] 10 Days 8/12/08

*Fee may apply, lab approval required

Project Requirements:
*Fee may apply

Report Type:
- [x] MCP* [x] Level II*
- [ ] CTRCP* [ ] Level III*
- [ ] DOD* [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [x] MA
- [ ] ME
- [ ] CT
- [ ] RI

Other: _____

State Standard: _____
(eg. S-1 or GW-1)
EDD Required: Y* N
Type: _____

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CHAIN OF CUSTODIES

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 4 03/28/08

Samples were:
1) Shipped or (hand-delivered)
2) Temp blank °C 6°C
3) Received in good condition (Y) or N
4) pH checked by: PM 7/30/08
5) Labels checked by: JL 7/30/08

Checked pH on glass. RCRA metals 7/30/08 PM

Project#: 060072 Proj. Name: CVS Peabody

Company: RANSOM Environmental Consultants, Inc.

Contact: Lucas Hathaway

Address: 400 Commercial Street Suite 404

Portland, ME 04101

Phone: (207) 772-2891 PO# 6904 Quote #

Sampler (Signature): Chata / Elizabeth Samuels

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract
X = Other

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4°C	HNO3	H2SO4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
MW-11-W1-073008	7.30.08	1300	VPH Deluxe		X			X			GW	3	G		61896-1
W-11-W1-073008	7.30.08	1300	EPH Deluxe		X						GW	1	G		
W-11-W1-073008	7.30.08	1300	Dissolved RCRA Metals		X						GW	1	P	1.5	
W101-W1-073008	7.30.08	1150	VPH Deluxe		X			X			GW	3	G		-2
W101-W1-073008	7.30.08	1150	EPH Deluxe		X						GW	3	G		
W101-W1-073008	7.30.08	1150	Diss. RCRA Metals		X						GW	1	P	1.5	
W102-W1-073008	7.30.08	1120	VPH Deluxe		X			X			GW	3	G		-3
W102-W1-073008	7.30.08	1120	EPH Deluxe		X						GW	3	G		
W102-W1-073008	7.30.08	1120	Diss. RCRA Metals		X						GW	1	P	1.5	
TW104-W1-073008	7.30.08	1036	VPH Deluxe		X			X			GW	3	G		-4
TW104-W1-073008	7.30.08	1036	EPH Deluxe		X						GW	1	G		
~~TW104-W1-073008~~															

Email Results to:
lucas.hathaway@ransomenv.com

Comments / Instructions:
EPH and metals samples field-filtered.
Checked Ambient EPH for Cl(-) using KI paper 7/30/08 PM

Project Requirements:
*Fee may apply

Report Type:
- [X] MCP*
- [ ] CTRCP*
- [ ] DOD*
- [ ] Level II*
- [ ] Level III*
- [ ] Level IV*
- [ ] Standard

State:
- [ ] NH
- [X] MA
- [ ] ME
- [ ] CT
- [ ] RI

Other:

State Standard:

(eg. S-1 or GW-1)

EDD Required: Y* N

Type:

Turnaround Time (TAT)
- [ ] 24hr*
- [ ] 48hr*
- [ ] 72hr*
- [ ] 5 Days*
- [X] 10 Days

*Fee may apply; lab approval required

Received By:	Time:	Date:	Relinquished By:
			Relinquished By Sampler:
Received By: Mylan Hall	Time: 16:05	Date: 7/30/08	Relinquished By: Elizabeth Samuels
Received By:	Time:	Date:	Relinquished By:

Chain Of Custody Form

Analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 6°C
3) Received in good condition (Y) or N
4) pH checked by: PM 7/30/08
5) Labels checked by: JLL 7/30/08
Checked PN on Pilot, RCRA metals 7/30/08 PM

Project#: 066072 Proj. Name: CVS Peabody
Company: RANSOM Environmental Consultants, Inc.
Contact: Lucas Hathaway
Address: 400 Commercial Street Suite 404
Portland, ME 04101
Phone: (207) 772-2891 PO# 6904 Quote #
Sampler (Signature): Hathaway / Elliott Samuell

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Preservation

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
1104-WL-073008	7.30.08	1036	Diss. RCRA Metals		X						GW	1	P	1.5	161896-5 PM 7/30/08
Trip Blank			VPH Deluxe		X			X				1	G		-6

Comments / Instructions:
EPH and metals samples field filtered.

Email Results to:

Turnaround Time (TAT)
☐ 24hr* ☐ 48hr*
☐ 72hr* ☐ 5 Days*
☒ 10 Days
*Fee may apply; lab approval required

Project Requirements:
*Fee may apply

Report Type:
☒ MCP* ☐ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH
☒ MA
☐ ME
☐ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type:

Relinquished By Sampler:	Received By:	Date:	Time:
Hathaway			
Elliott Samuell	MMarshall	7/30/08	16:05
Elliott Samuell			

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ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 61896 | COOLER NUMBER: _____

CLIENT: Ransom | NUMBER OF COOLERS: _____

PROJECT: Lucas Hathaway | DATE RECEIVED: 7/30/08

A: PRELIMINARY EXAMINATION: | DATE COOLER OPENED: 7/30/08

1. Cooler received by(initials) | Date Received: 7/30/08

2. Circle one: (Hand delivered) Shipped (If so, skip 3)

3. Did cooler come with a shipping slip? Y (N/A)

3a. Enter carrier name and airbill number here: _____

4. Were custody seals on the outside of cooler? Y (N/A)
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y (N/A)

6. COC#: _____

7. Were Custody papers filled out properly (ink,signed, etc)?	(Y)	N
8. Were custody papers sealed in a plastic bag?	(Y)	N
9. Did you sign the COC in the appropriate place?	(Y)	N
10. Was the project identifiable from the COC papers?	(Y)	N
11. Was enough ice used to chill the cooler? (Y) N — Temp. of cooler: 6.0		

B. Log-In: Date samples were logged in: 7/30/08 By: DM

12. Type of packing in cooler(bubble wrap, popcorn)	(Y)	N
13. Were all bottles sealed in separate plastic bags?	(Y)	N
14. Did all bottles arrive unbroken and were labels in good condition?	(Y)	N
15. Were all bottle labels complete(ID,Date,time,etc.)	(Y)	N
16. Did all bottle labels agree with custody papers?	(Y)	N
17. Were the correct containers used for the tests indicated:	(Y)	N
18. Were samples received at the correct pH?	Y	(N) EPH Samples were @ 4°C - noted when the lab went to extract pH adjusted prior to extr
19. Was sufficient amount of sample sent for the tests indicated?	(Y)	N
20. Were bubbles absent in VOA samples?	Y	(N/A)

If NO, List sample #'s: Trip Blank

21. Laboratory labeling verified by (initials): DM Date: 7/30/08