EnviroTrac
Environmental Services

April 30, 2007

United States Environmental Protection Agency
RGP – NOI Processing
1 Congress Street
Boston, Massachusetts 02114-2023

Re: Remediation General Permit (RGP) – Notice of Intent (NOI)
Future Hess Gasoline Station
680-706 Central Street
Leominster, Massachusetts 02703-7870
MassDEP RTN 2-16369

To Whom It May Concern:

At the request of Hess Corporation (Hess), EnviroTrac Ltd (EnviroTrac) is submitting the attached RGP-NOI for the above-referenced location, referred to as the "site." The RGP-NOI form is included as **Attachment A**. The site is currently used for commercial and residential purposes. Temporary construction dewatering is necessary for excavations required for construction of a new gasoline station. Gauging of monitoring wells recently completed at the site revealed groundwater at 12 to 15 feet below grade surface (bgs). Excavations to approximately 16 feet bgs will be required for installation of underground storage tanks (USTs). The locations of the site and discharge receiving waters are depicted on **Figure 1**. Also attached is a site plan (**Figure 2**), which depicts the existing site features and the catch basin which represents the proposed discharge point.

During the construction dewatering process, groundwater will be pumped from the excavation(s) into a fractionation tank for settlement, and then pumped through one of two bag filters before treatment via two 1,000-pound liquid phase carbon units. A schematic drawing is included in **Attachment B**. The treated effluent will be discharged via the catch basin on Central Street, adjacent to the property. This storm drain discharges to a tributary of Fall Brook, a Massachusetts Class B surface water body. The average discharge rate of treated groundwater is anticipated to be up to 25 gallons per minute. EnviroTrac has received authorization from the City of Leominster Department of Public Works (DPW) to discharge to the catch basin.

On April 16, 2006 and April 10, 2007, a groundwater sample was obtained from an existing monitoring well. Based on the analytical data, total suspended solids, total petroleum hydrocarbons (TPH), methyl tertiary-butyl ether, total residual chlorine, and metals (arsenic, trivalent chromium, copper, lead nickel, zinc, and iron) were detected. The metals were reported at concentrations exceeding the applicable Effluent Limitations published in Appendix III of the RGP under the National Pollutant Discharge Elimination System (NPDES) for Discharges in Massachusetts. The metals also exceeded the applicable Appendix IV limitations. The

laboratory analytical report supporting this submittal is included in **Attachment C**, and the Appendix III/Appendix IV limitation calculations are presented in **Table 1**.

The site is not located at or near any location specified in the RGP as subject to consultation with the U.S. Fisheries and Wildlife Service or the National Fisheries Service. According to the National Park Service's National Register Information System (NRIS) (http://www.nr.nps.gov/), the nearest listed historical site is more than one mile north of the site. The Massachusetts Historical Commission's Massachusetts Cultural Resource Information System (MACRIS) (http://www.sec.state.ma.us/mhc/) listed more than 350 sites in Leominster. The nearest Massachusetts-listed site, the Lincoln Homestead at 301 Union Street, is located approximately one mile northwest of the site. Based on the distances to the site, the discharge will not likely adversely affect the historical sites. Copies of the NRIS and MACRIS listings are included in **Attachment D**.

A copy of the StreamStats Statistics Report obtained on April 26, 2007 from http://water.usgs.gov/osw/streamstats/massachusetts.html is included in **Attachment E**. As shown in the StreamStats report, the 7Q10 for Fall Brook at the discharge point is 0.00465 cubic feet per second (cfs). As shown in **Table 1**, the 7Q10 was used to calculate a dilution factor for the proposed discharge.

The excavation and dewatering will be conducted as a Release Abatement Measure (RAM) pursuant to the Massachusetts Contingency Plan (MCP) as set forth at 310 CMR 40.0400. Therefore, completion and submittal of State Application Form BRPWM 12 or payment of a state fee are not required.

If you have any questions or require further information, please contact the undersigned at (781) 769-5005.

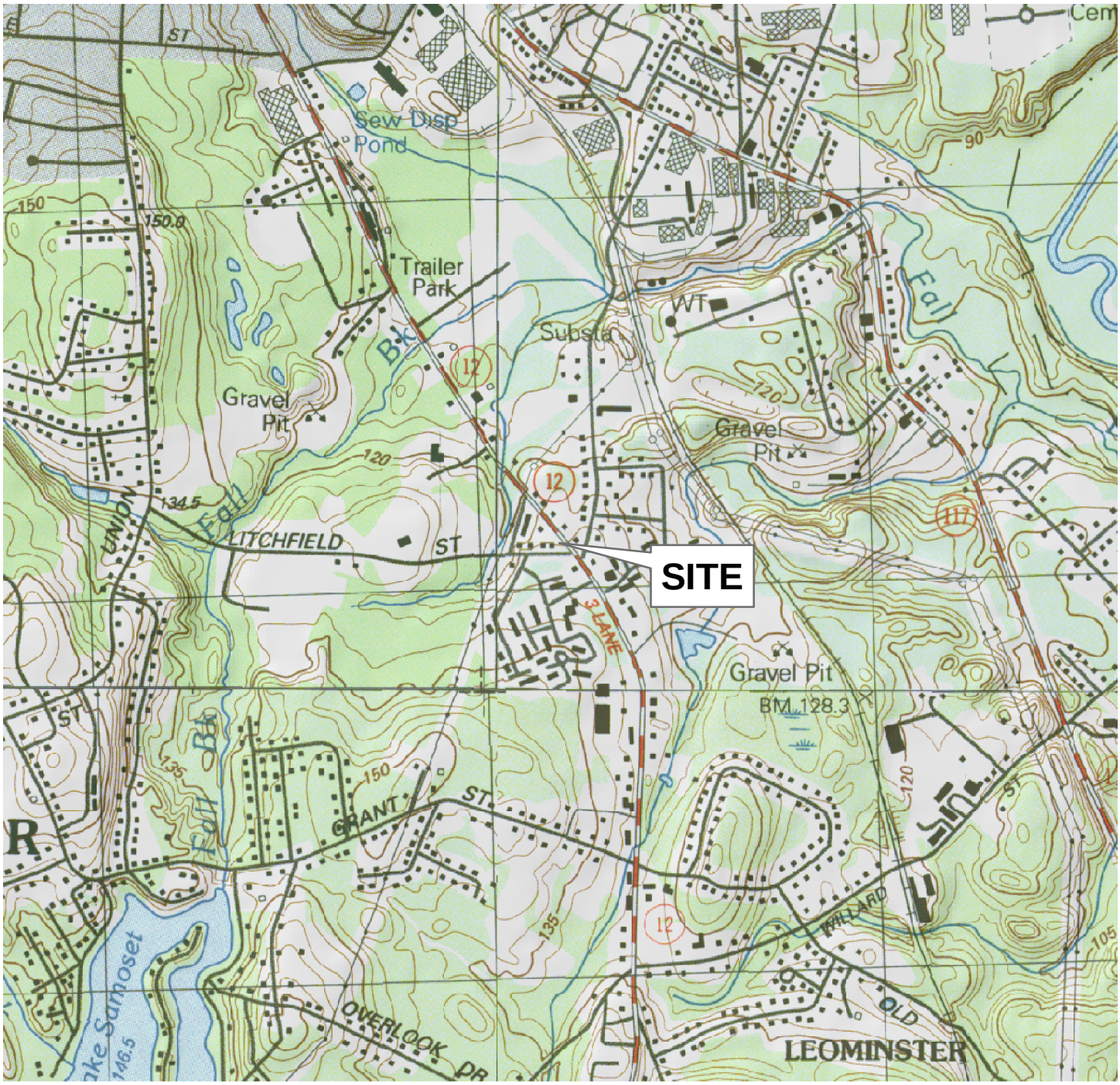
Sincerely,
EnviroTrac Ltd.

Patrick D. Corcoran, LSP
Senior Project Manager

cc.: MassDEP
Dean J. Mazzarella, Mayor, City of Leominster
M. Matri, Hess Corporation

EnviroTrac

FIGURES



0 0.25 0.5 1 Miles

1:15,000

Source: Office of Geographic and Environmental Information (MassGIS), Commonwealth of Massachusetts Executive Office of Environmental Affairs

Future Hess Gasoline Station
680-706 Central Street
Leominster, MA 01453-6104

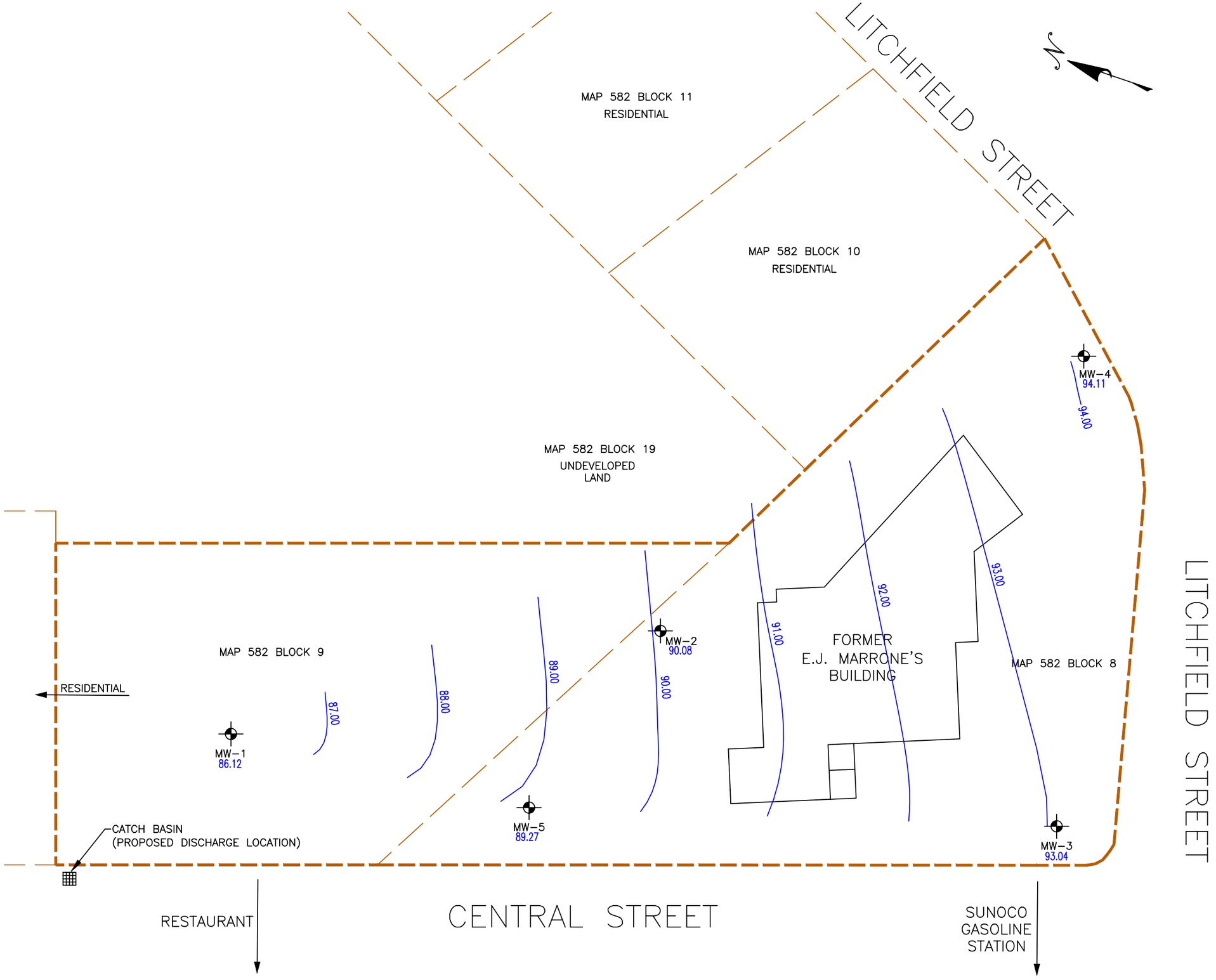
FIGURE 1

SITE LOCUS MAP
UNITED STATES GEOLOGICAL SURVEY
AYER, MASS. QUADRANGLE

Contour Interval: 3 m

UTM Coordinates:
4,709,346 m N
274,234 m E

EnviroTrac
Environmental Services



LEGEND

- APPROXIMATE LOCATION OF LOT BOUNDARIES
- APPROXIMATE LOCATION OF SITE PROPERTY LINES
- MW-1 — MONITORING WELL LOCATION AND ID
- 86.12 — GROUNDWATER ELEVATION MEASURED LAST SAMPLING ROUND: 4/18/06
- 87.00 — GROUNDWATER COUNTOUR WITH ELEVATION

APPROXIMATE SCALE

0 5 10 20 30

(IN FEET)

1 inch = 30 feet

SOURCES: CITY OF LEOMINSTER ASSESSING DEPARTMENT AND ENVIROTRAC FIELD RECONNAISSANCE.

ALL DISTANCES AND LOCATIONS ARE APPROXIMATE. NOT FOR CONSTRUCTION PURPOSES.

REVISED BY: PAB	DATE: 5/1/06

FIGURE 2: SITE PLAN

FORMER E.J. MARRONE'S
680-706 CENTRAL STREET
LEOMINSTER, MASSACHUSETTS

EnviroTrac
1400 Providence Highway, Suite 2100, Norwood, MA 02062
PHONE: (781) 769-5005 FAX: (781) 769-9345

TABLE

TABLE 1

GROUNDWATER METAL DILUTION COMPARISON
Future Hess Gasoline Station
680-706 Central Street
Leominster, Massachusetts

Metal	Untreated Concentration (µg/L)	Appendix III Limitation Fresh Water (µg/L)	Untreated Meets App. III Limitation (Yes/No)	Appendix IV Limitation Fresh Water (µg/L)	Diluted Meets App. IV Limitation (Yes/No)
Arsenic	148	10	No	10	**No**
Chromium III	286	48.8	No	48.8	**No**
Copper	137	5.2	No	5.2	**No**
Iron	124,000	1,000	No	1,000	**No**
Lead	45.3	1.3	No	1.3	**No**
Nickel	176	29	No	29.0	**No**
Zinc	340	66.6	No	66.6	**No**

NOTES:

µg/L = micrograms per liter

Untreated concentration = concentration in groundwater sampled obtained on 04/10/2007

Appendix III Limitation, Fresh Water = RGP Appendix III Effluent Limitations

Appendix IV Limitation, Fresh Water = RGP Appendix IV Effluent Limitations

$DF = (Q_d + Q_s)/Q_d$

Q_d = maximum flowrate of discharge = 25 gpm = 0.05575 ft^3/s

Q_s = 7Q10 for the tributary of Fall Brook = 0.00465 ft^3/s

DF = dilution factor = (0.05575 +0.00465)/0.05575 = 1.01

N/A = not applicable (Appendix III limitation met)

ATTACHMENT A

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

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

a) Name of **facility/site**: Future Hess gasoline station		**Facility/site** address:		
Location of **facility/site**: longitude: 71.75 latitude: 42.50	Facility SIC code(s): 5541	Street: 686-706 Central Street		
b) Name of **facility/site owner:** Hess Corporation; attn. Michael H. Matri		Town: Leominster		
Email address of owner: mmatri@hess.com		State: MA	Zip: 01453-6104	County: Worcester
Telephone no.of facility/site **owner**: (732) 750-6432				
Fax no. of facility/site **owner**: (732) 352-7799		**Owner** is (check one): 1. Federal___ 2. State/Tribal___ 3. Private___✔___ 4. other, if so, describe:		
Address of **owner** (if different from site):				
Street: 1 Hess Plaza				
Town: Woodbridge	State: NJ	Zip: 07095	County: Middlesex	
c) Legal name of **operator**: EnviroTrac Ltd.	**Operator** telephone no: (781) 769-5005			
	Operator fax no.: (781) 769-9345		**Operator** email: patrickc@envirotrac.com	
Operator contact name and title: Patrick D. Corcoran, LSP				
Address of **operator** (if different from owner):	Street: 1400 Providence Hwy., Ste. 2100			
Town: Norwood	State: MA	Zip: 02062	County: Norfolk	

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:
Approx. 25 gpm of groundwater will be pumped into a fractionation tank, bag filters and two 1,000-pound liquid phase carbon units arranged in series. The effluent will be discharged to a catch basin that ultimately discharges to a tributary of Fall Brook.

b) Provide the following information about each discharge:	1) Number of discharge points: 1	2) What is the **maximum** and **average flow rate** of discharge (in cubic feet per second, ft3/s)? Max. flow 25 Average flow 25 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. 25 gpm, design value

3) Latitude and longitude of each discharge within 100 feet: pt.1:long. 71.75 lat. 42.50 ; 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): N/A	5) Is the discharge intermittent ✔ or seasonal_____? Is discharge ongoing Yes ____ No✔?

c) Expected dates of discharge (mm/dd/yy): start 04/30/2007 end 06/30/2007

d) Please attach a line drawing or flow schematic showing water flow through the facility including: See attached
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	160.2	40000	8570000	81.5	8570000	81.5
2. Total Residual Chlorine	☐	✔	1	Grab	330.4	50	50	4.76E-4	50	4.76E-4
3. Total Petroleum Hydrocarbons	☐	✔	1	Grab	GRO	100	180	1.71E-3	180	1.71E-3
4. Cyanide	✔	☐	1	Grab	335.3	10	0	0	0	0
5. Benzene	✔	☐	1	Grab	8260B	10	0	0	0	0
6. Toluene	✔	☐	1	Grab	8260B	1.0	0	0	0	0
7. Ethylbenzene	✔	☐	1	Grab	8260B	1.0	0	0	0	0
8. (m,p,o) Xylenes	✔	☐	1	Grab	8260B	2.0	0	0	0	0
9. Total BTEX[4]	✔	☐	1	Grab	8260B		0	0	0	0

[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 [5] (1,2- Dibromo-methane)	✔		1	Grab	504	0.016	0	0	0	0
11. Methyl-tert-Butyl Ether (MtBE)		✔	1	Grab	8260B	100	7400	0.0704	7400	0.0704
12. tert-Butyl Alcohol (TBA)	✔		1	Grab	8260B	5	0	0	0	0
13. tert-Amyl Methyl Ether (TAME)	✔		1	Grab	8260B	5	0	0	0	0
14. Naphthalene	✔		1	Grab	8260B	2.0	0	0	0	0
15. Carbon Tetra-chloride	✔		1	Grab	8260B	1.0	0	0	0	0
16. 1,4 Dichlorobenzene	✔		1	Grab	8260B	1.0	0	0	0	0
17. 1,2 Dichlorobenzene	✔		1	Grab	8260B	1.0	0	0	0	0
18. 1,3 Dichlorobenzene	✔		1	Grab	8260B	1.0	0	0	0	0
19. 1,1 Dichloroethane	✔		1	Grab	8260B	1.0	0	0	0	0
20. 1,2 Dichloroethane	✔		1	Grab	8260B	1.0	0	0	0	0
21. 1,1 Dichloroethylene	✔		1	Grab	8260B	1.0	0	0	0	0
22. cis-1,2 Dichloro-ethylene	✔		1	Grab	8260B	1.0	0	0	0	0
23. Dichloromethane (Methylene Chloride)	✔		1	Grab	8260B	1.0	0	0	0	0
24. Tetrachloroethylene	✔		1	Grab	8260B	1.0	0	0	0	0

[5] EDB is a groundwater contaminant at fuel spill and pesticide application sites in New England.

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	8260B	1.0	0	0	0	0
26. 1,1,2 Trichloroethane	✔		1	Grab	8260B	1.0	0	0	0	0
27. Trichloroethylene	✔		1	Grab	8260B	1.0	0	0	0	0
28. Vinyl Chloride	✔		1	Grab	8260B	1.0	0	0	0	0
29. Acetone	✔		1	Grab	8260B	5.0	0	0	0	0
30. 1,4 Dioxane	✔		1	Grab	8260B	50	0	0	0	0
31. Total Phenols	✔		1	Grab	8270C	5.6	0	0	0	0
32. Pentachlorophenol	✔		1	Grab	8270C	11	0	0	0	0
33. Total Phthalates [6] (Phthalate esthers)	✔		1	Grab	8270C		0	0	0	0
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✔		1	Grab	8270C	5.6	0	0	0	0
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	✔		1	Grab	8270C		0	0	0	0
a. Benzo(a) Anthracene	✔		1	Grab	8270C	5.6	0	0	0	0
b. Benzo(a) Pyrene	✔		1	Grab	8270C	5.6	0	0	0	0
c. Benzo(b)Fluoranthene	✔		1	Grab	8270C	5.6	0	0	0	0
d. Benzo(k) Fluoranthene	✔		1	Grab	8270C	5.6	0	0	0	0
e. Chrysene	✔		1	Grab	8270C	5.6	0	0	0	0

[6] 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	8270C	5.6	0	0	0	0
g. Indeno(1,2,3-cd) Pyrene	✔		1	Grab	8270C	5.6	0	0	0	0
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	✔		1	Grab	8270C		0	0	0	0
h. Acenaphthene	✔		1	Grab	8270C	5.6	0	0	0	0
i. Acenaphthylene	✔		1	Grab	8270C	5.6	0	0	0	0
j. Anthracene	✔		1	Grab	8270C	5.6	0	0	0	0
k. Benzo(ghi) Perylene	✔		1	Grab	8270C	5.6	0	0	0	0
l. Fluoranthene	✔		1	Grab	8270C	5.6	0	0	0	0
m. Fluorene	✔		1	Grab	8270C	5.6	0	0	0	0
n. Naphthalene-	✔		1	Grab	8270C	5.6	0	0	0	0
o. Phenanthrene	✔		1	Grab	8270C	5.6	0	0	0	0
p. Pyrene	✔		1	Grab	8270C	5.6	0	0	0	0
37. Total Polychlorinated Biphenyls (PCBs)	✔		1	Grab	608	0.50	0	0	0	0
***38.* Antimony**	✔		1	Grab	6010B	6.0	0	0	0	0
39. Arsenic		✔	1	Grab	6010B	10	148	1.41E-3	148	1.41E-3
40. Cadmium	✔		1	Grab	6010B	4.0	0	0	0	0
41. Chromium III		✔	1	Grab	6010B	10	286	2.72E-3	286	2.72E-3
42. Chromium VI	✔		1	Grab	7196A	10	0	0	0	0

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	6010B	25	137	1.30E-3	137	1.30E-3
44. Lead		✔	1	Grab	6010B	5.0	45.3	4.31E-4	45.3	4.31E-4
45. Mercury	✔		1	Grab	SW7470A	0.20	0	0	0	0
46. Nickel		✔	1	Grab	6010B	40	176	1.67E-3	176	1.67E-3
47. Selenium	✔		1	Grab	6010B	10	0	0	0	0
48. Silver	✔		1	Grab	6010B	5.0	0	0	0	0
49. Zinc		✔	1	Grab	6010B	20	340	3.23E-3	340	3.23E-3
50. Iron		✔	1	Grab	6010B	100	124000	1.18	124,000	1.18
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? As, Cr(III), Cu, Pb, Ni, Fe, Zn
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: As, Cr(III), Cu, Pb, Ni, Fe, Zn DF: 1.01	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: All of the above

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

a) A description of the treatment system, including a schematic of the proposed or existing treatment system:						
b) Identify each applicable treatment unit (check all that apply):	Frac. tank ✔	Air stripper	Oil/water separator	Equalization tanks	Bag filter ✔	GAC filter ✔
	Chlorination	Dechlorination	Other (please describe):			
c) Proposed **average** and **maximum flow rates** (gallons per minute) for the discharge and the **design flow rate**(s) (gallons per minute) of the treatment system: Average flow rate of discharge 25 Maximum flow rate of treatment system 25 Design flow rate of treatment system 25						
d) A description of chemical additives being used or planned to be used (attach MSDS sheets): No chemical additives will be used.						

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

a) Identify the discharge pathway:	Direct	Within facility	Storm drain ✔	River/brook	Wetlands	Other (describe):
b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters: Treated water will discharge to storm drain next to facility. Storm drain system discharges to a tributary of Fall Brook.						
c) Attach a detailed map(s) indicating the site location and location of the outfall to the receiving water: See attached. 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 0.00465 cfs Please attach any calculation sheets used to support stream flow and dilution calculations. See StreamStats report (Attachment E) and Table 1						
f) Is the receiving water a listed 303(d) water quality impaired or limited water? Yes No ✔ If yes, for which pollutant(s)? Is there a TMDL? Yes No ✔ If yes, for which pollutant(s)?						

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

a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes____ No ✓
Has any consultation with the federal services been completed ? No___ or is consultation underway? Yes No ✓
What were the results of the consultation with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service (~~check~~ one):
a "no jeopardy" opinion? _____or written concurrence____ on a finding that the discharges are not likely to adversely affect any endangered species or critical habitat?

b) Are any historic properties listed or eligible for listing on the National Register of Historic Places located on the facility or site or in proximity to the discharge?
Yes_____ No ✓ Have any state or tribal historic preservation officer been consulted in this determination (Massachusetts only)? Yes_____ No ✓

7. Supplemental information. :

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

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

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

Facility/Site Name: Future Hess gasoline station, 686-706 Central St., Leominster, MA

Operator signature: 

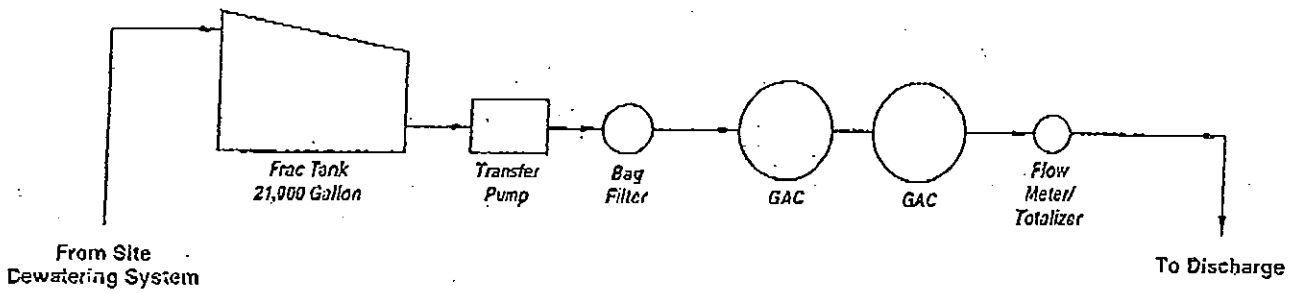
Title: Patrick D. Corcoran, LSP; Senior Project Manager

Date: 04/20/2007

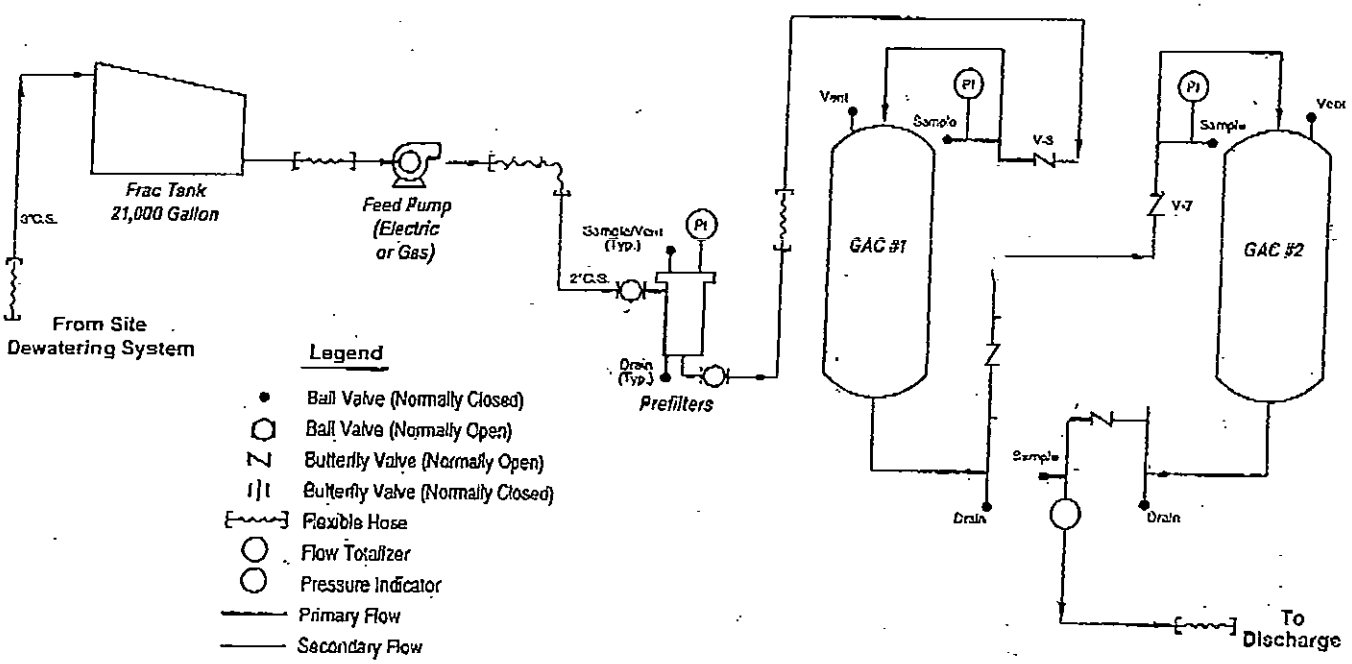
ATTACHMENT B

SERVICE TECH, INC.

Activated Carbon Engineering, Sales and Service



Process Flow Diagram
Dewatering Treatment System (Typical)



ATTACHMENT C

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number R0419-06

Revised Report (Revision 2)

Prepared for:

Attn: Matt Perrotti
Envirotrac Ltd.
1400 Providence Hwy, Suite 2100
Norwood, MA 02062

Report Date: April 26, 2007

Lab # RI010

Electronic Copy

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc. Project #:

Project Location: Hess, 680 Central St., Leominster RTN[1]:

This form provides certifications for the following data set: R0419-06

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

SW-846 Methods Used					
	8260B (X)	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH (X)	6020 ( )	9014M[2] ( )
	8082 (X)	8021B ( )	EPH (X)	7000 S[3] ( )	Other: (X)

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, and C is required for "Presumptive Certainty" status

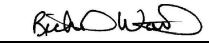
A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
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 (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes (X) 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 (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]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, to the best of my knowledge and belief, accurate and complete.

Signature:  Position: Laboratory Director

Printed Name: Richard Warila Date: 4/26/2007

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc. Project #:

Project Location: Hess, 680 Central St., Leominster RTN[1]:

This form provides certifications for the following data set: R0419-06

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

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B (X)	7470A/1A (X)
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	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, and C 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 (X) 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 (X) No[1] ( )
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 (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes ( ) 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 (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]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, to the best of my knowledge and belief, accurate and complete.

Signature: Jodi Lyons Position: Director, Inorganics

Printed Name: Jodi Lyons Date: 04/21/2006

STATEMENTS/CERTIFICATIONS REQUIRED BY THE NATIONAL ENVIRONMENTAL LABORATORY APPROVAL CONFERENCE (NELAC)

New England Testing Laboratory is certified under the National Environmental Laboratory Approval Program (NELAP). This certification requires the following statements and certifications be included in our report.

This report shall not be reproduced, except in full, without written approval of the laboratory.

New England Testing certifies that the test results contained within this report meet all NELAC requirements except as detailed in the Case Narrative section of this report.

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on April 19, 2006. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. The case number for this sample submission is R0419-06.

Custody records are included in this report.

Site: Hess, 680 Central St., Leominster

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
MW-1	4/18/06	Water	Table II
MW-2	4/18/06	Water	Table II
MW-3	4/18/06	Water	Table II
MW-4	4/18/06	Water	Table II
MW-5	4/18/06	Water	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
VPH	NA	*
EPH	NA	**
Volatile Organic Compounds	5030B	8260B
PCBs	3510C	8082
Ethanol	NA	GC/FID
Dissolved Metals		
Arsenic	NA	6010B
Barium	NA	6010B
Cadmium	NA	6010B
Chromium	NA	6010B
Lead	NA	6010B
Mercury	NA	7470A
Selenium	NA	6010B
Silver	NA	6010B

These methods are documented in:

*Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MADEP.

**Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MADEP.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No trip blank was supplied unless it was identified in such a manner as to be un-interpretable by the laboratory. No field blank was supplied unless it was identified in such a manner as to be un-interpretable by the laboratory. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled upon receipt. Samples for dissolved metals were filtered and acid preserved upon receipt. Samples "MW-2", "MW-3" and "MW-4" for EPH required additional acid preservation upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

Metals:

All analyses were performed according to NETLAB's documented Standard Operating Procedures, within all required holding times, and with appropriate quality control measures. All QC was within laboratory established acceptance criteria. The samples were received, processed, and reported with no anomalies.

Volatile Organics:

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

PCBs:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

Ethanol:

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration and method blank were within method specified quality control criteria. No anomalies were encountered during the analysis.

VPH:

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

EPH:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

Sample Results

METALS RESULTS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Metals Analysis Department certifies that the results included in this section have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

New England Testing Laboratory, Inc.

METALS RESULTS

Case Number: R0419-06
Sample ID: MW-1
Date collected: 04/18/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	4/20/06
Barium	7440-39-3	NA	6010B	0.396	0.005	0.005	mg/l	4/20/06
Cadmium	7440-43-9	NA	6010B	ND	0.004	0.004	mg/l	4/20/06
Chromium	7440-47-3	NA	6010B	ND	0.005	0.005	mg/l	4/20/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	4/20/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	4/21/06
Selenium	7782-49-2	NA	6010B	0.05	0.01	0.01	mg/l	4/20/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	4/20/06

ND indicates not Detected

METALS RESULTS

Case Number: R0419-06
Sample ID: MW-2
Date collected: 04/18/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	4/20/06
Barium	7440-39-3	NA	6010B	0.184	0.005	0.005	mg/l	4/20/06
Cadmium	7440-43-9	NA	6010B	ND	0.004	0.004	mg/l	4/20/06
Chromium	7440-47-3	NA	6010B	ND	0.005	0.005	mg/l	4/20/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	4/20/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	4/21/06
Selenium	7782-49-2	NA	6010B	0.04	0.01	0.01	mg/l	4/20/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	4/20/06

ND indicates not Detected

METALS RESULTS

Case Number: R0419-06
Sample ID: MW-3
Date collected: 04/18/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	4/20/06
Barium	7440-39-3	NA	6010B	0.210	0.005	0.005	mg/l	4/20/06
Cadmium	7440-43-9	NA	6010B	ND	0.004	0.004	mg/l	4/20/06
Chromium	7440-47-3	NA	6010B	ND	0.005	0.005	mg/l	4/20/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	4/20/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	4/21/06
Selenium	7782-49-2	NA	6010B	0.04	0.01	0.01	mg/l	4/20/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	4/20/06

ND indicates not Detected

METALS RESULTS

Case Number: R0419-06
Sample ID: MW-4
Date collected: 04/18/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	4/20/06
Barium	7440-39-3	NA	6010B	0.232	0.005	0.005	mg/l	4/20/06
Cadmium	7440-43-9	NA	6010B	ND	0.004	0.004	mg/l	4/20/06
Chromium	7440-47-3	NA	6010B	ND	0.005	0.005	mg/l	4/20/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	4/20/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	4/21/06
Selenium	7782-49-2	NA	6010B	0.03	0.01	0.01	mg/l	4/20/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	4/20/06

ND indicates not Detected

METALS RESULTS

Case Number: R0419-06
Sample ID: MW-5
Date collected: 04/18/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	4/20/06
Barium	7440-39-3	NA	6010B	0.332	0.005	0.005	mg/l	4/20/06
Cadmium	7440-43-9	NA	6010B	ND	0.004	0.004	mg/l	4/20/06
Chromium	7440-47-3	NA	6010B	ND	0.005	0.005	mg/l	4/20/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	4/20/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	4/21/06
Selenium	7782-49-2	NA	6010B	0.05	0.01	0.01	mg/l	4/20/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	4/20/06

ND indicates not Detected

LCS RECOVERY

Parameter	True Value	Result	Units	Recovery, %	Internal LCL, %	Internal UCL, %	Date Analyzed
Arsenic	1	0.992	mg/l	99.2	67	120	4/20/06
Barium	1	0.991	mg/l	99.1	86	108	4/20/06
Cadmium	1	0.989	mg/l	98.9	87	113	4/20/06
Chromium	1	0.984	mg/l	98.4	89	107	4/20/06
Lead	1	0.969	mg/l	96.9	88	108	4/20/06
Mercury	0.001	0.0010	mg/l	96	89	111	4/21/06
Selenium	1	0.923	mg/l	92.3	76	115	4/20/06
Silver	1	0.991	mg/l	99.1	86	112	4/20/06

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: MW-1		Analyst's Initials: DC
Case No. R0419-06		
Date Collected: 4/18/06		
Sample Matrix: Water		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3510C	4/19/06	4/21/06
Analytical Method: EPA 8082		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aroclor-1221	N.D.	0.4
Aroclor-1232	N.D.	0.2
Aroclor-1016/1242	N.D.	0.2
Aroclor -1242	N.D.	0.2
Aroclor -1248	N.D.	0.2
Aroclor -1254	N.D.	0.2
Aroclor -1260	N.D.	0.2
Aroclor -1262	N.D.	0.2
Aroclor -1268	N.D.	0.2
Surrogates:		
Compound	% Recovery	Limits
TCMX	63	25-141
DCBP	60	41-156

Sample: MW-2		Analyst's Initials: DC
Case No. R0419-06		
Date Collected: 4/18/06		
Sample Matrix: Water		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3510C	4/19/06	4/21/06
Analytical Method: EPA 8082		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aroclor-1221	N.D.	0.4
Aroclor-1232	N.D.	0.2
Aroclor-1016/1242	N.D.	0.2
Aroclor -1242	N.D.	0.2
Aroclor -1248	N.D.	0.2
Aroclor -1254	N.D.	0.2
Aroclor -1260	N.D.	0.2
Aroclor -1262	N.D.	0.2
Aroclor -1268	N.D.	0.2
Surrogates:		
Compound	% Recovery	Limits
TCMX	58	25-141
DCBP	65	41-156

Sample: MW-3		Analyst's Initials: DC
Case No. R0419-06		
Date Collected: 4/18/06		
Sample Matrix: Water		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3510C	4/19/06	4/21/06
Analytical Method: EPA 8082		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aroclor-1221	N.D.	0.4
Aroclor-1232	N.D.	0.2
Aroclor-1016/1242	N.D.	0.2
Aroclor -1242	N.D.	0.2
Aroclor -1248	N.D.	0.2
Aroclor -1254	N.D.	0.2
Aroclor -1260	N.D.	0.2
Aroclor -1262	N.D.	0.2
Aroclor -1268	N.D.	0.2
Surrogates:		
Compound	% Recovery	Limits
TCMX	73	25-141
DCBP	68	41-156

Sample: MW-4		Analyst's Initials: DC
Case No. R0419-06		
Date Collected: 4/18/06		
Sample Matrix: Water		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3510C	4/19/06	4/21/06
Analytical Method: EPA 8082		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aroclor-1221	N.D.	0.4
Aroclor-1232	N.D.	0.2
Aroclor-1016/1242	N.D.	0.2
Aroclor -1242	N.D.	0.2
Aroclor -1248	N.D.	0.2
Aroclor -1254	N.D.	0.2
Aroclor -1260	N.D.	0.2
Aroclor -1262	N.D.	0.2
Aroclor -1268	N.D.	0.2
Surrogates:		
Compound	% Recovery	Limits
TCMX	88	25-141
DCBP	88	41-156

Sample: MW-5		Analyst's Initials: DC
Case No. R0419-06		
Date Collected: 4/18/06		
Sample Matrix: Water		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3510C	4/19/06	4/21/06
Analytical Method: EPA 8082		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aroclor-1221	N.D.	0.4
Aroclor-1232	N.D.	0.2
Aroclor-1016/1242	N.D.	0.2
Aroclor -1242	N.D.	0.2
Aroclor -1248	N.D.	0.2
Aroclor -1254	N.D.	0.2
Aroclor -1260	N.D.	0.2
Aroclor -1262	N.D.	0.2
Aroclor -1268	N.D.	0.2
Surrogates:		
Compound	% Recovery	Limits
TCMX	53	25-141
DCBP	60	41-156

Sample: Method Blank		Analyst's Initials: DC
Case No. R0419-06		
Date Collected: NA		
Sample Matrix: Water		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3510C	4/19/06	4/21/06
Analytical Method: EPA 8082		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aroclor-1221	N.D.	0.4
Aroclor-1232	N.D.	0.2
Aroclor-1016/1242	N.D.	0.2
Aroclor -1242	N.D.	0.2
Aroclor -1248	N.D.	0.2
Aroclor -1254	N.D.	0.2
Aroclor -1260	N.D.	0.2
Aroclor -1262	N.D.	0.2
Aroclor -1268	N.D.	0.2
Surrogates:		
Compound	% Recovery	Limits
TCMX	73	25-141
DCBP	85	41-156

PCB Laboratory Control Spike

Date Collected: NA			Analyst:	DC
Sample Matrix: Water				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3510C	4/19/06			4/21/06
Analytical Method: EPA 8082				
Compound	Amount Spiked ug/l	Result ug/l	Recovery %	Recovery Limits
1016-1	0.25	0.30	120	40-140
Surrogates:	% Recovery	Limits		
TCMX	73	19-139		
DCBP	85	29-155		

RESULTS: ETHANOL

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Case No. R0419-06

Ethanol

Sample	Result, mg/L	Reporting Limit, mg/L	Date Analyzed
Method Blank	N.D.	5.00	04/21/2006
MW-1	N.D.	5.00	04/21/2006
MW-2	N.D.	5.00	04/21/2006
MW-3	N.D.	5.00	04/21/2006
MW-4	N.D.	5.00	04/21/2006
MW-5	N.D.	5.00	04/21/2006

N.D. = Not Detected

RESULTS: VOLATILE ORGANIC COMPOUNDS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-1
Lab File ID: C042130.D
Date Sampled: 4/18/2006
Date Analyzed: 4/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2600	E
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-1
Lab File ID: C042130.D
Date Sampled: 4/18/2006
Date Analyzed: 4/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-87-3	Chloromethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
109-99-9	Tetrahydrofuran	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-1.dl
Lab File ID: C042131.D
Date Sampled: 4/18/2006
Date Analyzed: 4/21/2006
Dilution Factor: 100.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	100	U
74-83-9	Bromomethane	100	U
75-00-3	Chloroethane	100	U
67-64-1	Acetone	500	U
75-35-4	1,1-Dichloroethene	100	U
75-15-0	Carbon Disulfide	100	U
75-09-2	Methylene Chloride	300	U
1634-04-4	tert-Butyl methyl ether	7400	D
156-60-5	trans-1,2 Dichloroethene	100	U
75-34-3	1,1-Dichloroethane	100	U
78-93-3	2-Butanone	500	U
594-20-7	2,2-Dichloropropane	100	U
156-59-2	cis-1,2-Dichloroethene	100	U
67-66-3	Chloroform	100	U
74-97-5	Bromochloromethane	100	U
71-55-6	1,1,1-Trichloroethane	100	U
563-58-6	1,1-Dichloropropene	100	U
56-23-5	Carbon Tetrachloride	100	U
71-43-2	Benzene	100	U
107-06-2	1,2-Dichloroethane	100	U
79-01-6	Trichloroethene	200	U
78-87-5	1,2-Dichloropropane	100	U
75-27-4	Bromodichloromethane	100	U
74-95-3	Dibromomethane	100	U
108-10-1	4-Methyl-2-pentanone	500	U
106-93-4	Ethylene Dibromide	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
108-88-3	Toluene	100	U
10061-02-6	Trans-1,3-Dichloropropene	100	U
79-00-5	1,1,2-Trichloroethane	100	U
591-78-6	2-Hexanone	500	U
127-18-4	Tetrachloroethene	100	U
124-48-1	Chlorodibromomethane	100	U
108-90-7	Chlorobenzene	100	U
630-20-6	1,1,1,2-Tetrachloroethane	100	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-1.dl
Lab File ID: C042131.D
Date Sampled: 4/18/2006
Date Analyzed: 4/21/2006
Dilution Factor: 100.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	100	U
1330-20-7	m & p-Xylene	200	U
95-47-6	o-Xylene	100	U
100-42-5	Styrene	100	U
75-25-2	Bromoform	100	U
98-82-8	Isopropylbenzene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-86-1	Bromobenzene	100	U
96-18-4	1,2,3-Trichloropropane	100	U
103-65-1	n-Propylbenzene	100	U
95-49-8	2-Chlorotoluene	100	U
108-67-8	1,3,5-Trimethylbenzene	100	U
106-43-4	4-Chlorotoluene	100	U
98-06-6	tert-Butylbenzene	100	U
95-63-6	1,2,4-Trimethylbenzene	100	U
135-98-8	sec-Butylbenzene	100	U
99-87-6	p-Isopropyltoluene	100	U
75-87-3	Chloromethane	100	U
541-73-1	1,3-Dichlorobenzene	100	U
109-99-9	Tetrahydrofuran	100	U
106-46-7	1,4-Dichlorobenzene	100	U
60-29-7	Diethyl Ether	100	U
104-51-8	n-Butylbenzene	100	U
95-50-1	1,2-Dichlorobenzene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	200	U
120-82-1	1,2,4-Trichlorobenzene	100	U
87-68-3	Hexachlorobutadiene	100	U
91-20-3	Naphthalene	200	U
87-61-6	1,2,3-Trichlorobenzene	100	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-2
Lab File ID: C042132.D
Date Sampled: 4/18/2006
Date Analyzed: 4/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	5.6	
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-2
Lab File ID: C042132.D
Date Sampled: 4/18/2006
Date Analyzed: 4/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-87-3	Chloromethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
109-99-9	Tetrahydrofuran	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-3
Lab File ID: C042133.D
Date Sampled: 4/18/2006
Date Analyzed: 4/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2.0	U
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-3
Lab File ID: C042133.D
Date Sampled: 4/18/2006
Date Analyzed: 4/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-87-3	Chloromethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
109-99-9	Tetrahydrofuran	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-4
Lab File ID: C042134.D
Date Sampled: 4/18/2006
Date Analyzed: 4/22/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	9.3	
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2.0	U
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-4
Lab File ID: C042134.D
Date Sampled: 4/18/2006
Date Analyzed: 4/22/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-87-3	Chloromethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
109-99-9	Tetrahydrofuran	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-5
Lab File ID: C042135.D
Date Sampled: 4/18/2006
Date Analyzed: 4/22/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	4.1	J
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	7.5	
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: MW-5
Lab File ID: C042135.D
Date Sampled: 4/18/2006
Date Analyzed: 4/22/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-87-3	Chloromethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
109-99-9	Tetrahydrofuran	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: VBLK060421
Lab File ID: C042124.D
Date Sampled: 4/18/2006
Date Analyzed: 4/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2.0	U
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0419-06
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Envirotrac, Ltd.
Lab Sample ID: VBLK060421
Lab File ID: C042124.D
Date Sampled: 4/18/2006
Date Analyzed: 4/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-87-3	Chloromethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
109-99-9	Tetrahydrofuran	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: New England Testing Lab Contract: Hess 680 Central

Lab Code: RI010 Case No.: R0419-06 SAS No.: _____ SDG No.: Envirotrac,

	EPA SAMPLE NO.	SMC1 #	SMC2 #	SMC3 #	TOT OUT
01	VBLK060421	84	91	103	0
02	MW-1	86	92	102	0
03	MW1.DL	87	87	100	0
04	MW-2	83	89	101	0
05	MW-3	81	86	101	0
06	MW-4	77	86	97	0
07	MW-5	71	85	99	0
08	VLCS060421	108	102	102	0

QC LIMITS

SMC1	=	4-Bromofluorobenzene	(70-130)
SMC2	=	Toluene-D8	(70-130)
SMC3	=	1,2-Dichloroethane-D4	(70-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Volatile Organics Laboratory Control Spike

Date Analyzed: 4/22/06 **Sample ID: VLCS060421**

Compound	Spike Added (ug/L)	Spike Result (ug/L)	Recovery, %	Lower Control Limit, %	Upper Control Limit, %
1,1-Dichloroethene	50	52	104	77	137
Benzene	50	50	100	75	117
Trichloroethene	50	50	100	65	141
Toluene	50	52	104	74	119
Chlorobenzene	50	41	81	74	115

Sample: MW-1

Case No. R0419-06
Date Analyzed: 4/21/06

Subject: Volatile Organic Compounds
Method: EPA 8260B

Compound	Concentration ug/L (ppb)	Reporting Limit
tert-Butyl Alcohol	N.D.	5
tert-Amyl Methyl Ether	N.D.	5
1,4-Dioxane	N.D.	50

Sample: MW-2

Case No. R0419-06
Date Analyzed: 4/21/06

Subject: Volatile Organic Compounds
Method: EPA 8260B

Compound	Concentration ug/L (ppb)	Reporting Limit
tert-Butyl Alcohol	N.D.	5
tert-Amyl Methyl Ether	N.D.	5
1,4-Dioxane	N.D.	50

Sample: MW-3

Case No. R0419-06
Date Analyzed: 4/21/06

Subject: Volatile Organic Compounds
Method: EPA 8260B

Compound	Concentration ug/L (ppb)	Reporting Limit
tert-Butyl Alcohol	N.D.	5
tert-Amyl Methyl Ether	N.D.	5
1,4-Dioxane	N.D.	50

Sample: MW-4

Case No. R0419-06
Date Analyzed: 4/22/06

Subject: Volatile Organic Compounds
Method: EPA 8260B

Compound	Concentration ug/L (ppb)	Reporting Limit
tert-Butyl Alcohol	N.D.	5
tert-Amyl Methyl Ether	N.D.	5
1,4-Dioxane	N.D.	50

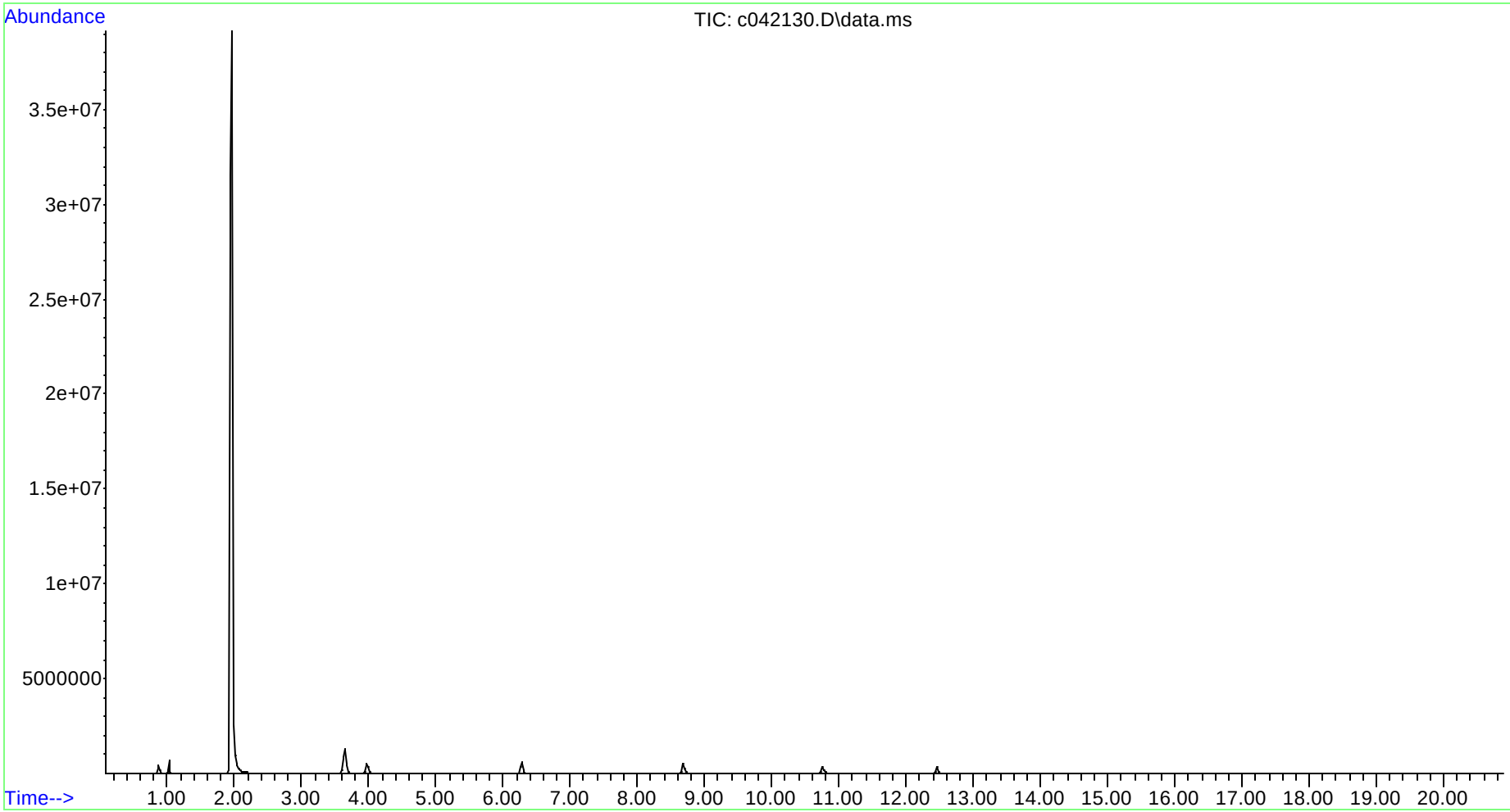
Sample: MW-5

Case No. R0419-06
Date Analyzed: 4/22/06

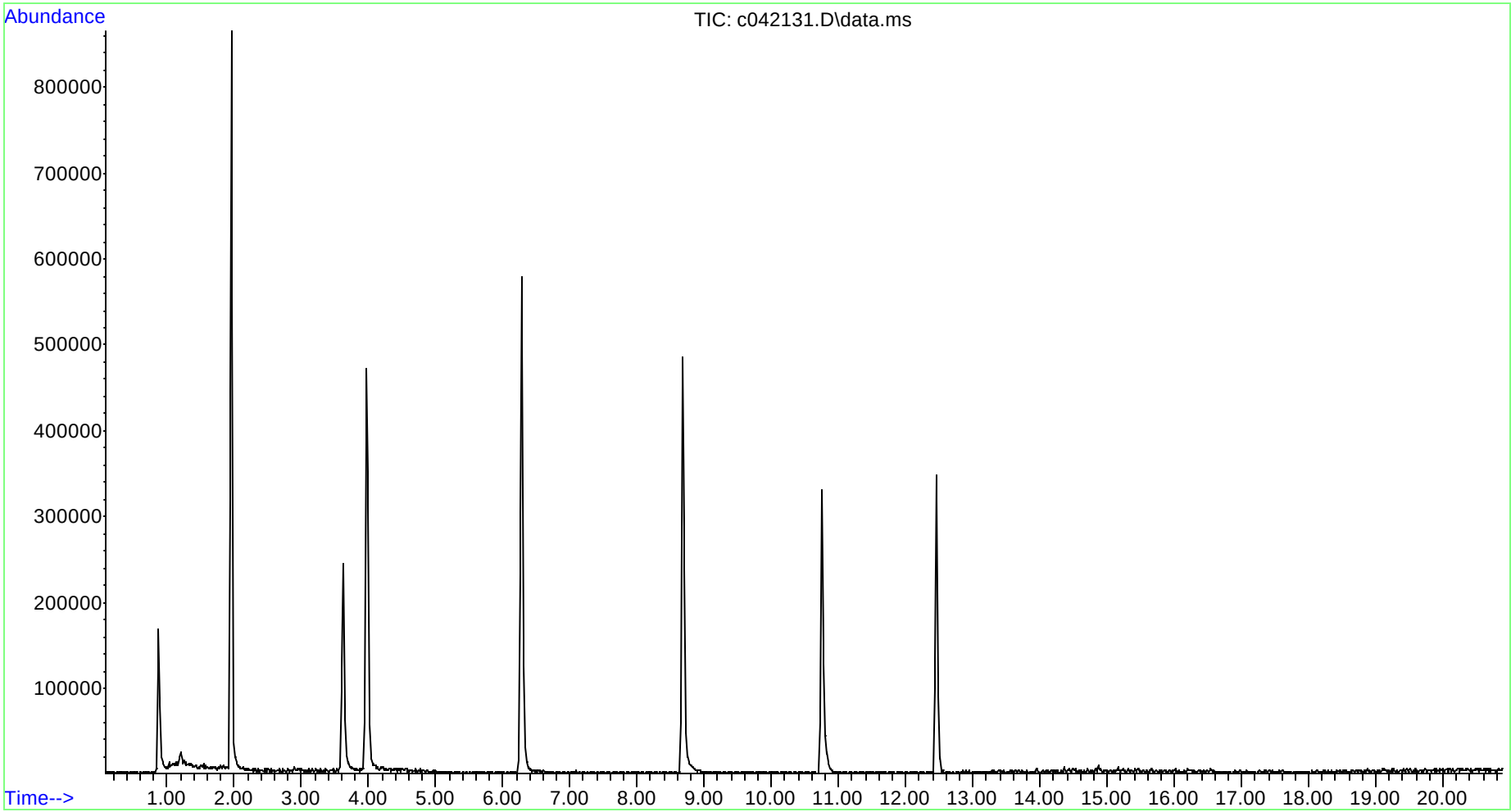
Subject: Volatile Organic Compounds
Method: EPA 8260B

Compound	Concentration ug/L (ppb)	Reporting Limit
tert-Butyl Alcohol	N.D.	5
tert-Amyl Methyl Ether	N.D.	5
1,4-Dioxane	N.D.	50

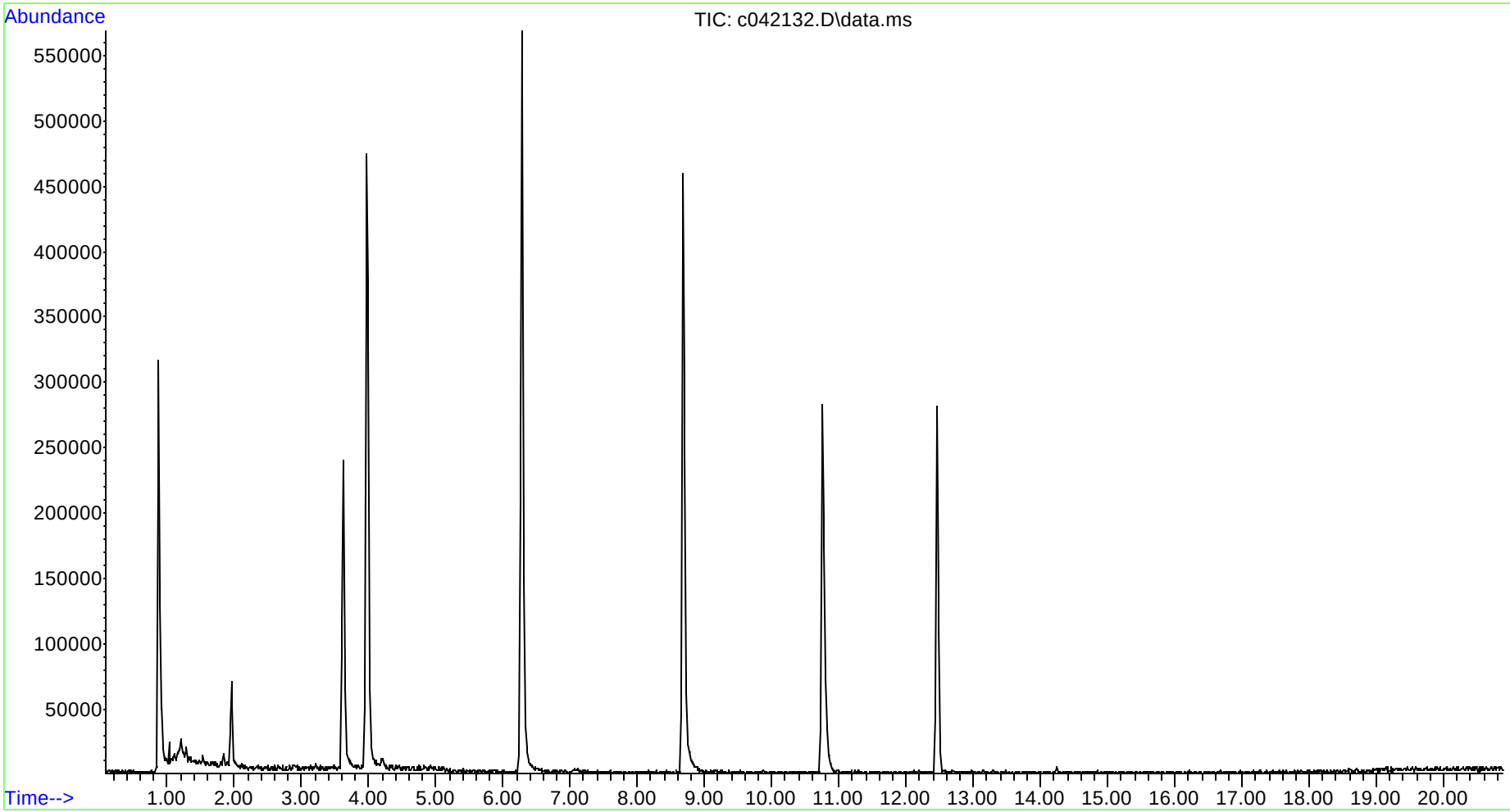
File :C:\msdchem\1\DATA\2006\APR21\c042130.D
Operator : MGF
Acquired : 21 Apr 2006 10:39 pm using AcqMethod 8260X.M
Instrument : Instrument #1
Sample Name: R0419-06 MW1
Misc Info :
Vial Number: 17



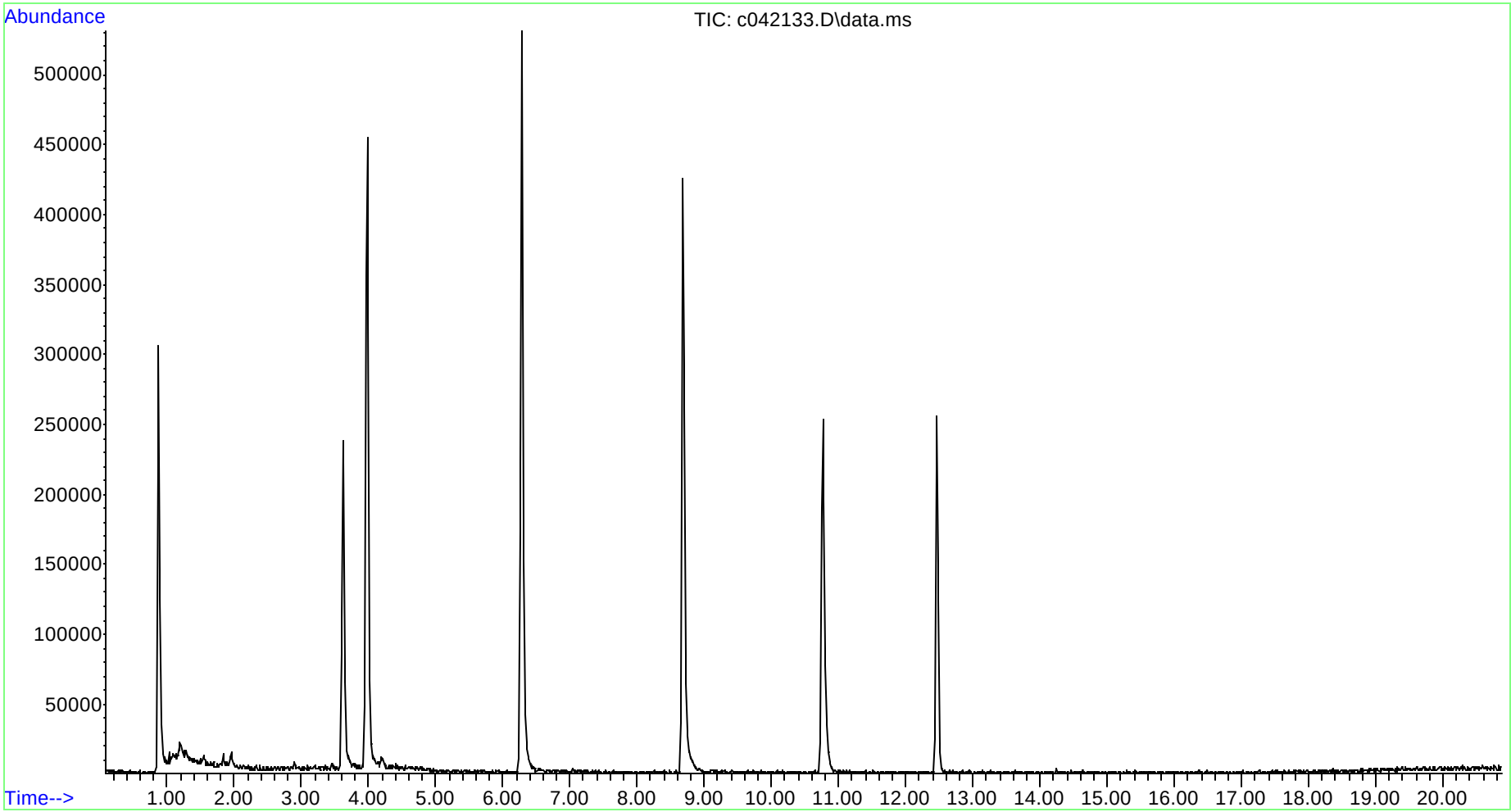
File :C:\msdchem\1\DATA\2006\APR21\c042131.D
Operator : MGF
Acquired : 21 Apr 2006 11:05 pm using AcqMethod 8260X.M
Instrument : Instrument #1
Sample Name: R0419-06 MW1 100x
Misc Info :
Vial Number: 18



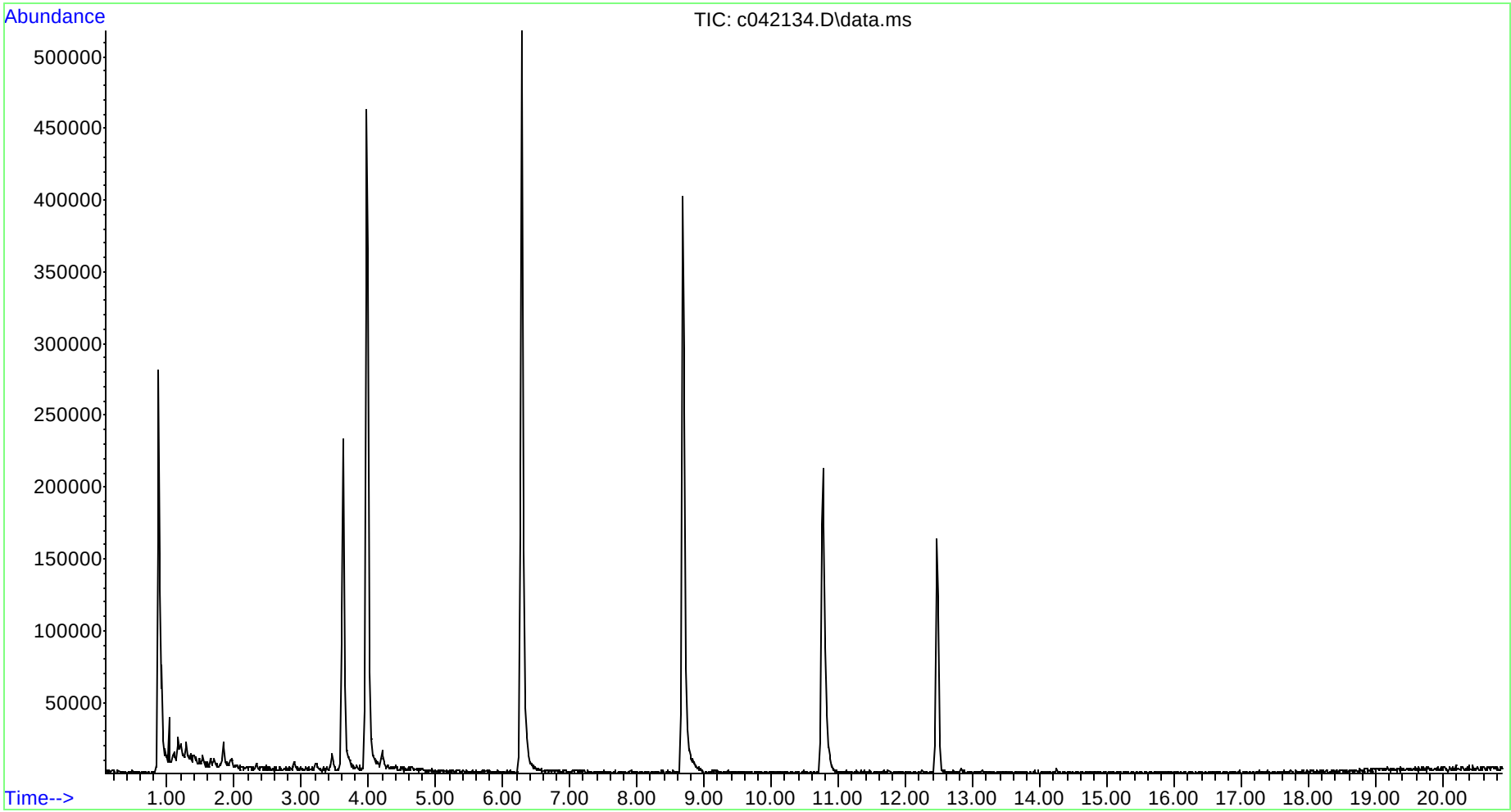
File :C:\msdchem\1\DATA\2006\APR21\c042132.D
Operator : MGF
Acquired : 21 Apr 2006 11:31 pm using AcqMethod 8260X.M
Instrument : Instrument #1
Sample Name: R0419-06 MW2
Misc Info :
Vial Number: 19



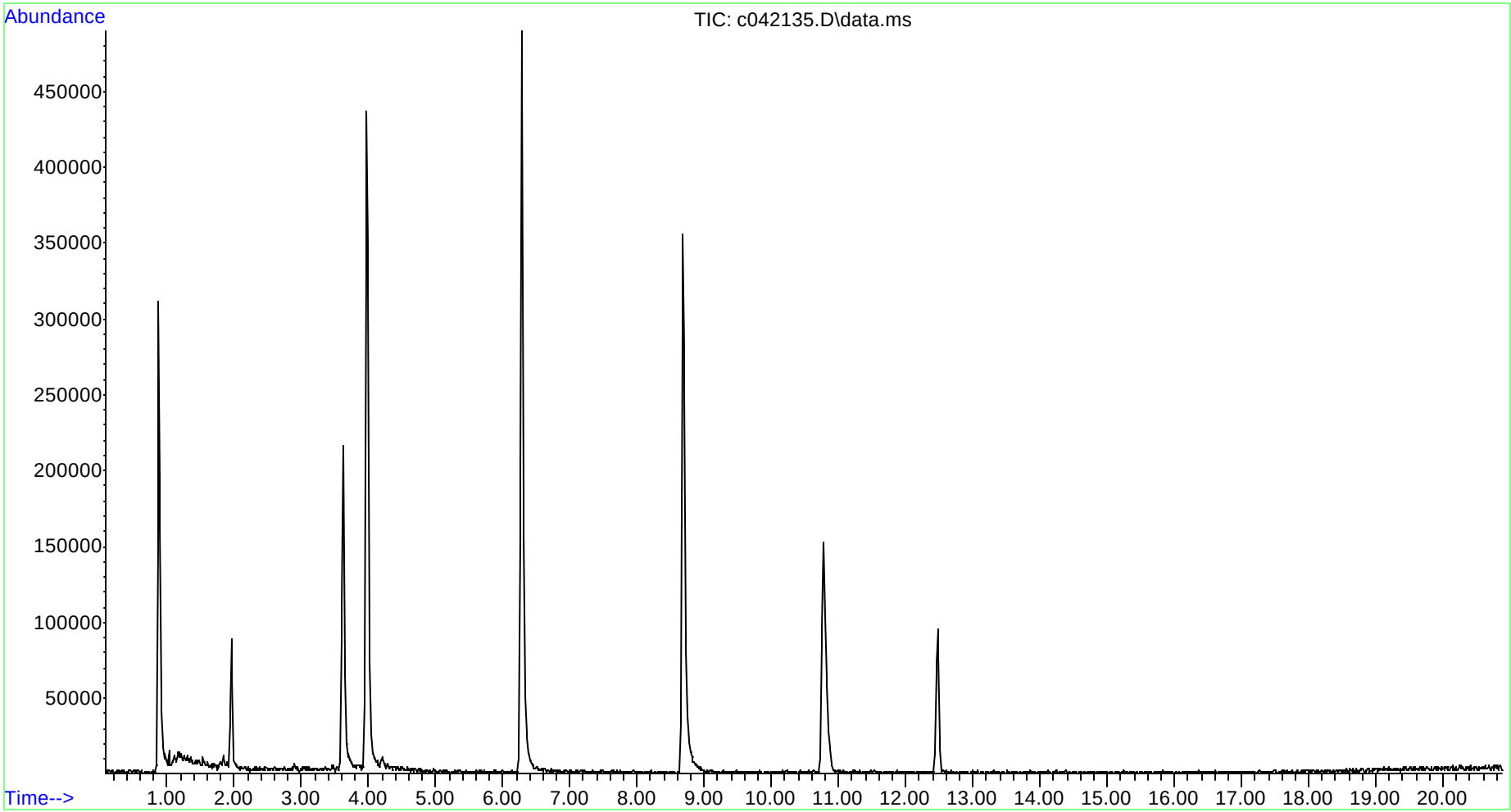
File :C:\msdchem\1\DATA\2006\APR21\c042133.D
Operator : MGF
Acquired : 21 Apr 2006 11:58 pm using AcqMethod 8260X.M
Instrument : Instrument #1
Sample Name: R0419-06 MW3
Misc Info :
Vial Number: 20



File :C:\msdchem\1\DATA\2006\APR21\c042134.D
Operator : MGF
Acquired : 22 Apr 2006 12:24 am using AcqMethod 8260X.M
Instrument : Instrument #1
Sample Name: R0419-06 MW4
Misc Info :
Vial Number: 21



File :C:\msdchem\1\DATA\2006\APR21\c042135.D
Operator : MGF
Acquired : 22 Apr 2006 12:50 am using AcqMethod 8260X.M
Instrument : Instrument #1
Sample Name: R419-06 MW5
Misc Info :
Vial Number: 22



RESULTS: VOLATILE PETROLEUM HYDROCARBONS

Results for VPH analysis are presented in the following section. Each page is electronically signed. In the hardcopy report, two signatures appear on the approval line – the electronic signature and the handwritten signature.

SAMPLE INFORMATION

Matrix	X Aqueous	__ Soil __ Sediment __ Other:	
Containers	X Satisfactory	__ Broken __ Leaking:	
Sample Preservatives	Aqueous	__ N/A X pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		__ Samples rec'd in Methanol: __ covering soil __ not covering soil	__ 1:1 +/- 25%
		__ Samples received in air-tight container:	__ Other:
Temperature	X Received on Ice	__ Received at 4° C __ Other: Rec'd at 5 Deg. C	

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	MW-1
Method for Target Analytes:			Lab ID	R0419-06
VPH Surrogate Standards			Date Collected	4/18/06
PID: Fluorobenzene			Date Received	4/19/06
FID: Fluorobenzene			Date Analyzed	4/20/06
			Dilution Factor	1X, 100X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	65900
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	45
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	1000	ug/L	65900
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				105
FID Surrogate % Recovery				90
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

SAMPLE INFORMATION

Matrix	X Aqueous __ Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A X pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		__ Samples rec'd in Methanol: __ covering soil __ not covering soil	__ 1:1 +/- 25%
		__ Samples received in air-tight container:	__ Other:
Temperature	X Received on Ice __ Received at 4° C __ Other: Rec'd at 5 Deg. C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	MW-2
Method for Target Analytes:			Lab ID	R0419-06
VPH Surrogate Standards			Date Collected	4/18/06
PID: Fluorobenzene			Date Received	4/19/06
FID: Fluorobenzene			Date Analyzed	4/19/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	<50
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				88
FID Surrogate % Recovery				79
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

SAMPLE INFORMATION

Matrix	X Aqueous	__ Soil __ Sediment __ Other:	
Containers	X Satisfactory	__ Broken __ Leaking:	
Sample Preservatives	Aqueous	__ N/A X pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		__ Samples rec'd in Methanol: __ covering soil __ not covering soil	__ 1:1 +/- 25%
		__ Samples received in air-tight container:	__ Other:
Temperature	X Received on Ice	__ Received at 4° C __ Other: Rec'd at 5 Deg. C	

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	MW-3
Method for Target Analytes:			Lab ID	R0419-06
VPH Surrogate Standards			Date Collected	4/18/06
PID: Fluorobenzene			Date Received	4/19/06
FID: Fluorobenzene			Date Analyzed	4/19/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	<50
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				99
FID Surrogate % Recovery				88
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

SAMPLE INFORMATION

Matrix	X Aqueous	__ Soil __ Sediment __ Other:	
Containers	X Satisfactory	__ Broken __ Leaking:	
Sample Preservatives	Aqueous	__ N/A X pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		__ Samples rec'd in Methanol: __ covering soil __ not covering soil	__ 1:1 +/- 25%
		__ Samples received in air-tight container:	__ Other:
Temperature	X Received on Ice	__ Received at 4° C __ Other: Rec'd at 5 Deg. C	

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	MW-4
Method for Target Analytes:			Lab ID	R0419-06
VPH Surrogate Standards			Date Collected	4/18/06
PID: Fluorobenzene			Date Received	4/19/06
FID: Fluorobenzene			Date Analyzed	4/20/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	<50
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				97
FID Surrogate % Recovery				89
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

SAMPLE INFORMATION

Matrix	X Aqueous __ Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A X pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		__ Samples rec'd in Methanol: __ covering soil __ not covering soil	__ 1:1 +/- 25%
		__ Samples received in air-tight container:	__ Other:
Temperature	X Received on Ice __ Received at 4° C __ Other: Rec'd at 5 Deg. C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	MW-5
Method for Target Analytes:			Lab ID	R0419-06
VPH Surrogate Standards			Date Collected	4/18/06
PID: Fluorobenzene			Date Received	4/19/06
FID: Fluorobenzene			Date Analyzed	4/19/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	<50
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				87
FID Surrogate % Recovery				78
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

SAMPLE INFORMATION

Matrix	X Aqueous __ Soil __ Sediment __ Other:		
Containers	__ Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	X N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		__ Samples rec'd in Methanol: __ covering soil __ not covering soil	__ 1:1 +/- 25%
		__ Samples received in air-tight container:	__ Other:
Temperature	__ Received on Ice __ Received at 4° C __ Other:		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	Method Blank
Method for Target Analytes:			Lab ID	R0419-06
VPH Surrogate Standards			Date Collected	NA
PID: Fluorobenzene			Date Received	NA
FID: Fluorobenzene			Date Analyzed	4/19/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	<50
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				106
FID Surrogate % Recovery				89
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

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SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

VPH Laboratory Control Spike - Water

Date Analyzed: 4/19/06

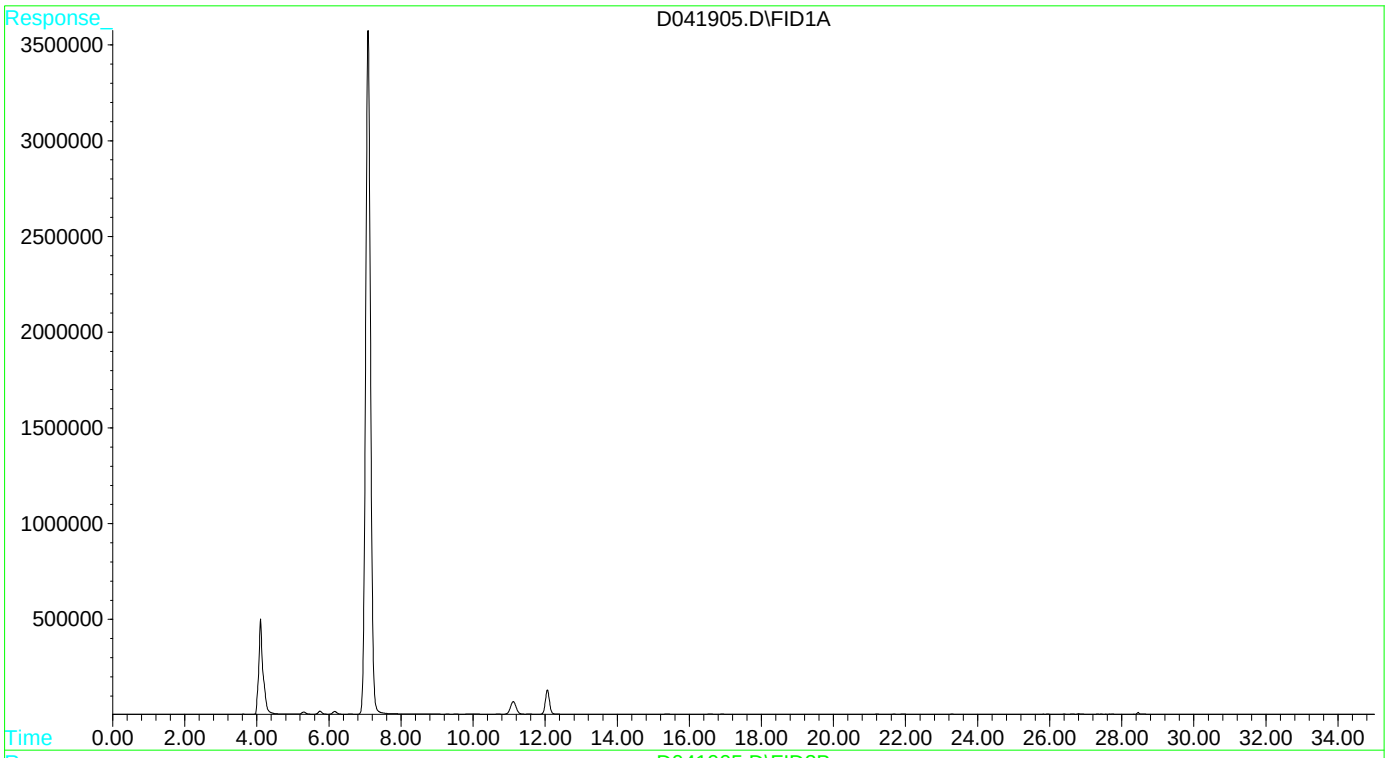
	Amount Spiked, µg/L	Result, µg/L	Recovery, %	Recovery Limits, %
TBME	100.0	96	96	70-130
Benzene	100.0	85	85	70-130
Toluene	100.0	76	76	70-130
Ethylbenzene	100.0	77	77	70-130
m&p Xylene	200.0	149	75	70-130
o-Xylene	100.0	80	80	70-130
Naphthalene	100.0	70	70	N/A
Pentane	100.0	98	98	70-130
2-Methyl pentane	100.0	84	84	70-130
2,2,4-trimethylpentane	100.0	81	81	70-130

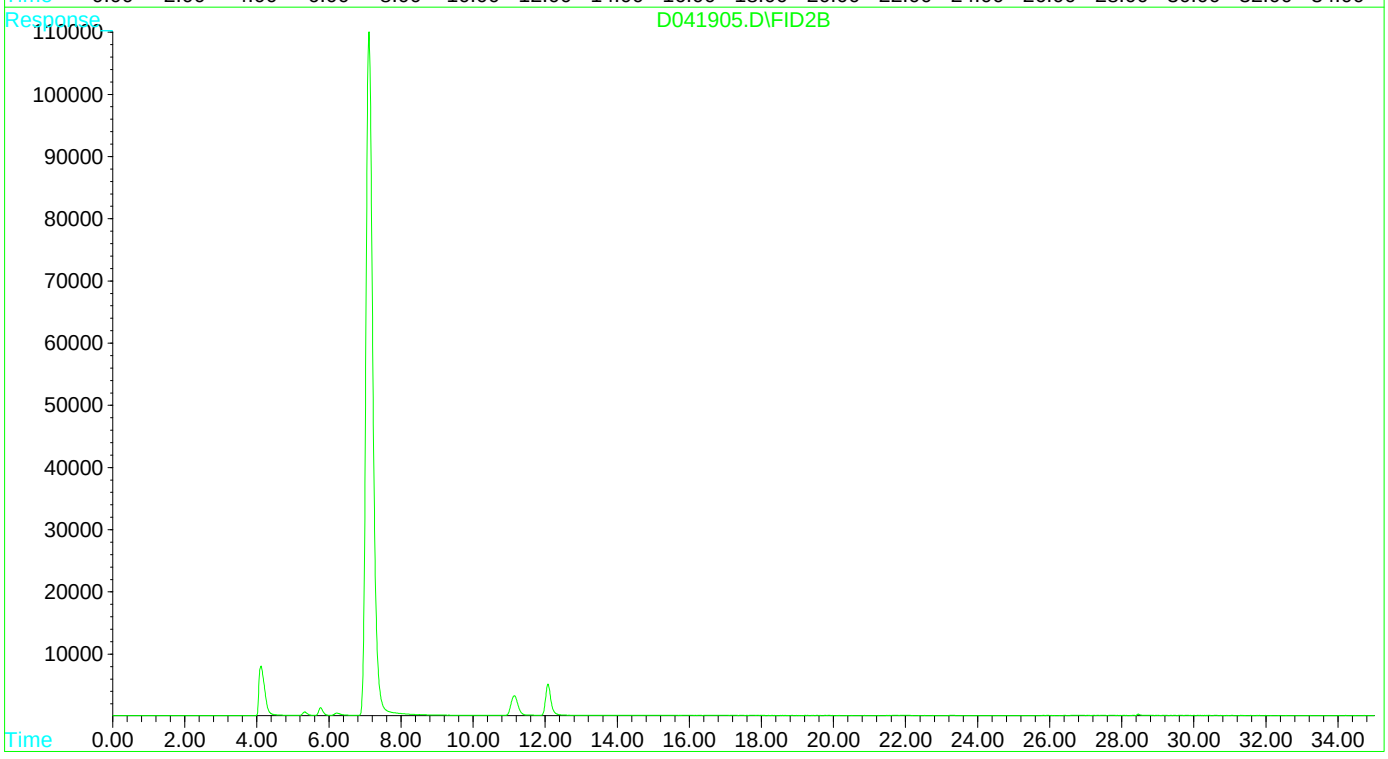
VPH Laboratory Control Spike - Water

Date Analyzed: 4/20/06

	Amount Spiked, µg/L	Result, µg/L	Recovery, %	Recovery Limits, %
TBME	100.0	120	120	70-130
Benzene	100.0	109	109	70-130
Toluene	100.0	112	112	70-130
Ethylbenzene	100.0	106	106	70-130
m&p Xylene	200.0	187	94	70-130
o-Xylene	100.0	108	108	70-130
Naphthalene	100.0	138	138	N/A
Pentane	100.0	129	129	70-130
2-Methyl pentane	100.0	118	118	70-130
2,2,4-trimethylpentane	100.0	111	111	70-130

File : C:\HPCHEM\1\DATA\APR1906\D041905.D
Operator : MGF
Acquired : 19 Apr 20106 8:15 pm using AcqMethod VPH.M
Instrument : 5890 VPH
Sample Name: MW1 r0419-06
Misc Info :
Vial Number: 5





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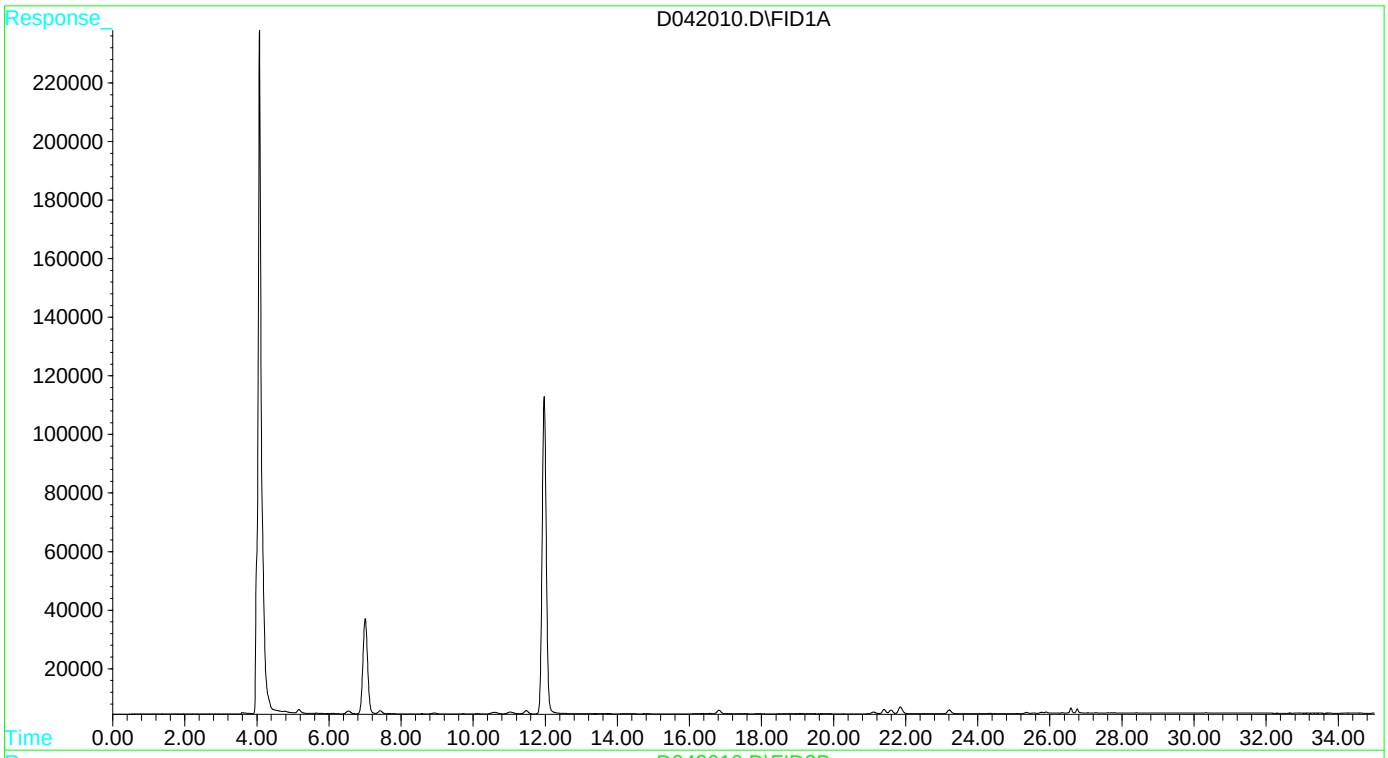
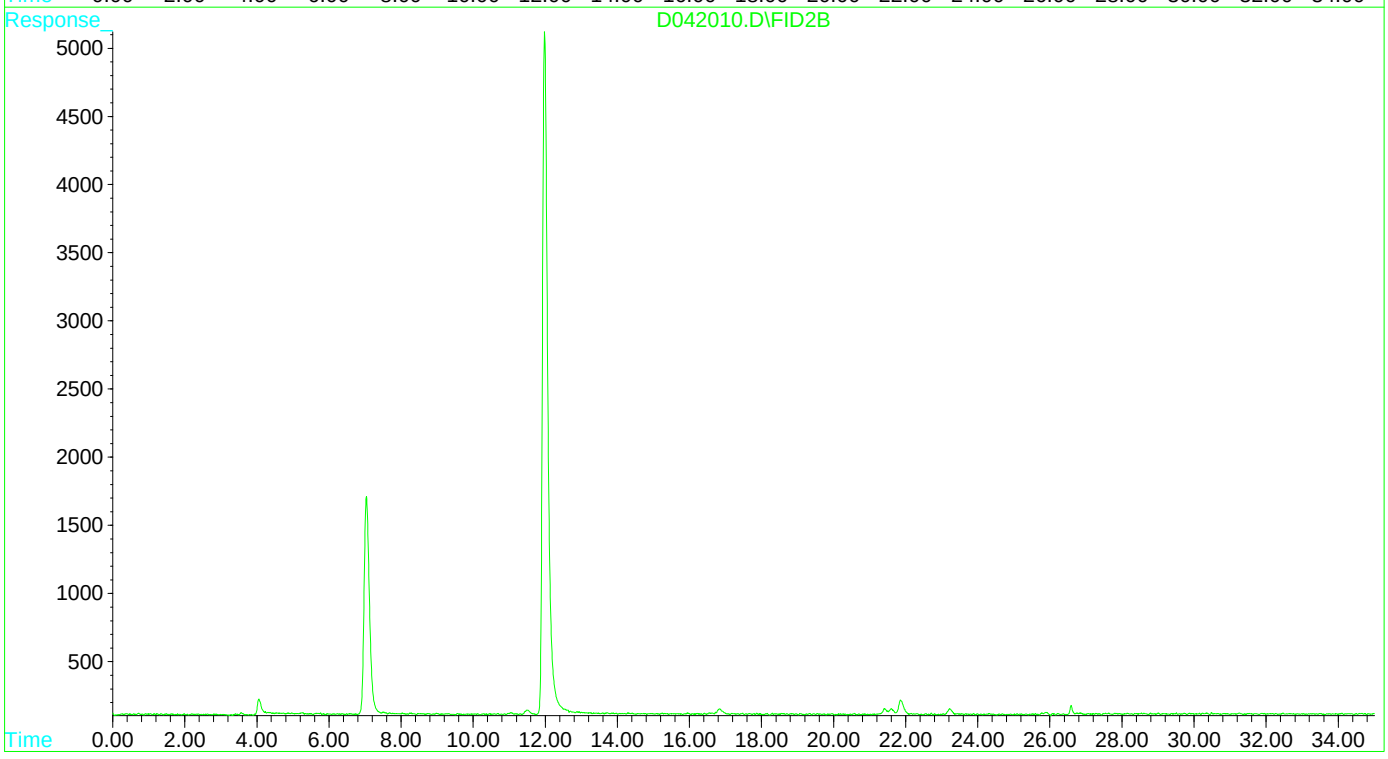
Operator : mgf
Acquired : 20 Apr 20106 9:59 pm using AcqMethod VPH.M
Instrument : 5890 VPH
Sample Name: MW1X100 R0419-06
Misc Info :
Vial Number: 10





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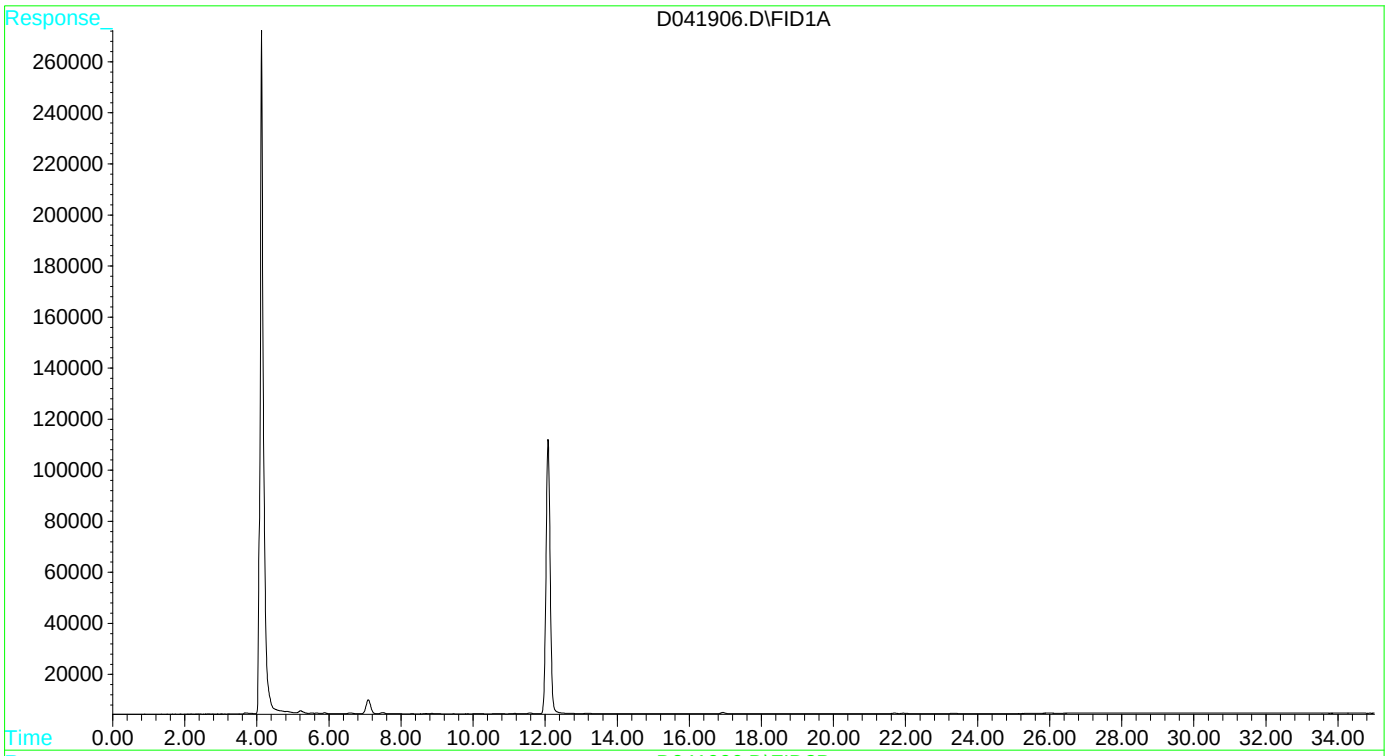
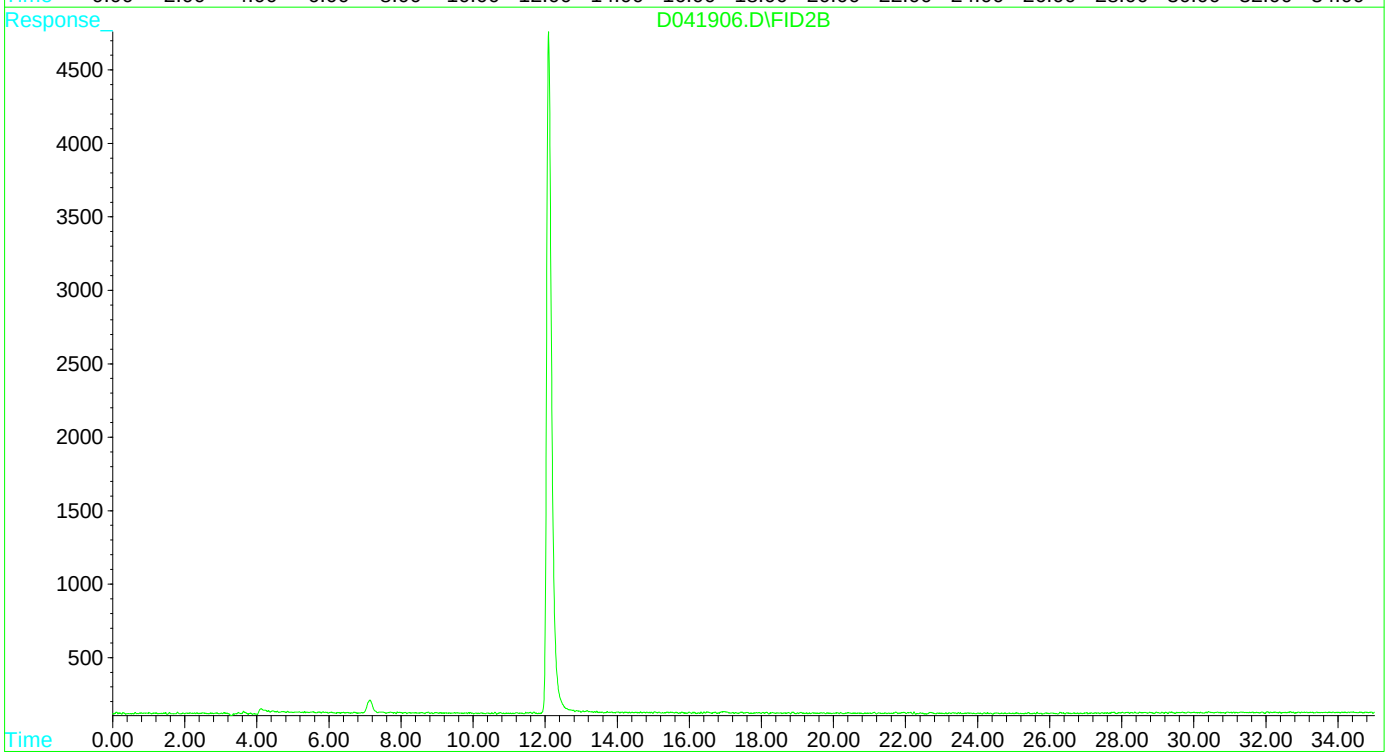
Acquired : 19 Apr 20106 8:59 pm using AcqMethod VPH.M
Instrument : 5890 VPH
Sample Name: MW2 r0419-06
Misc Info :
Vial Number: 6





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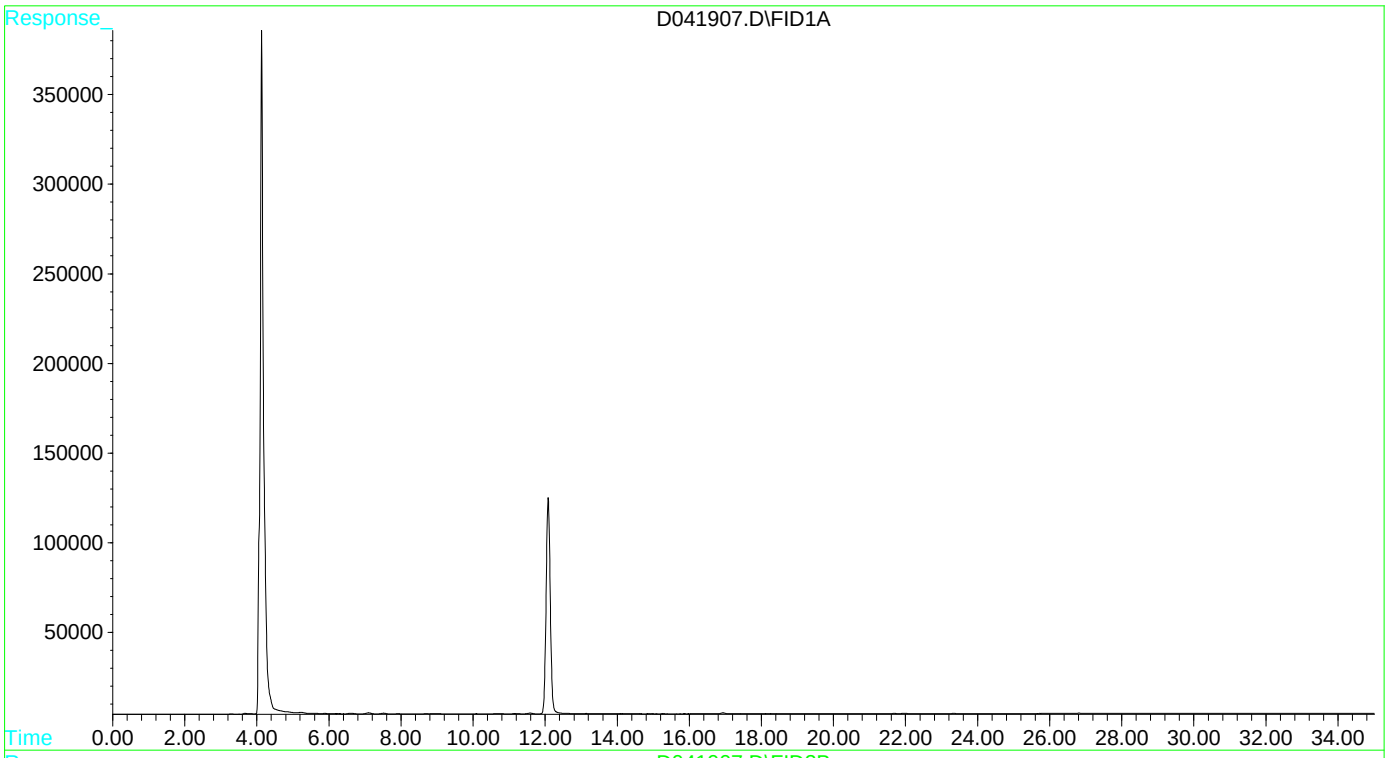
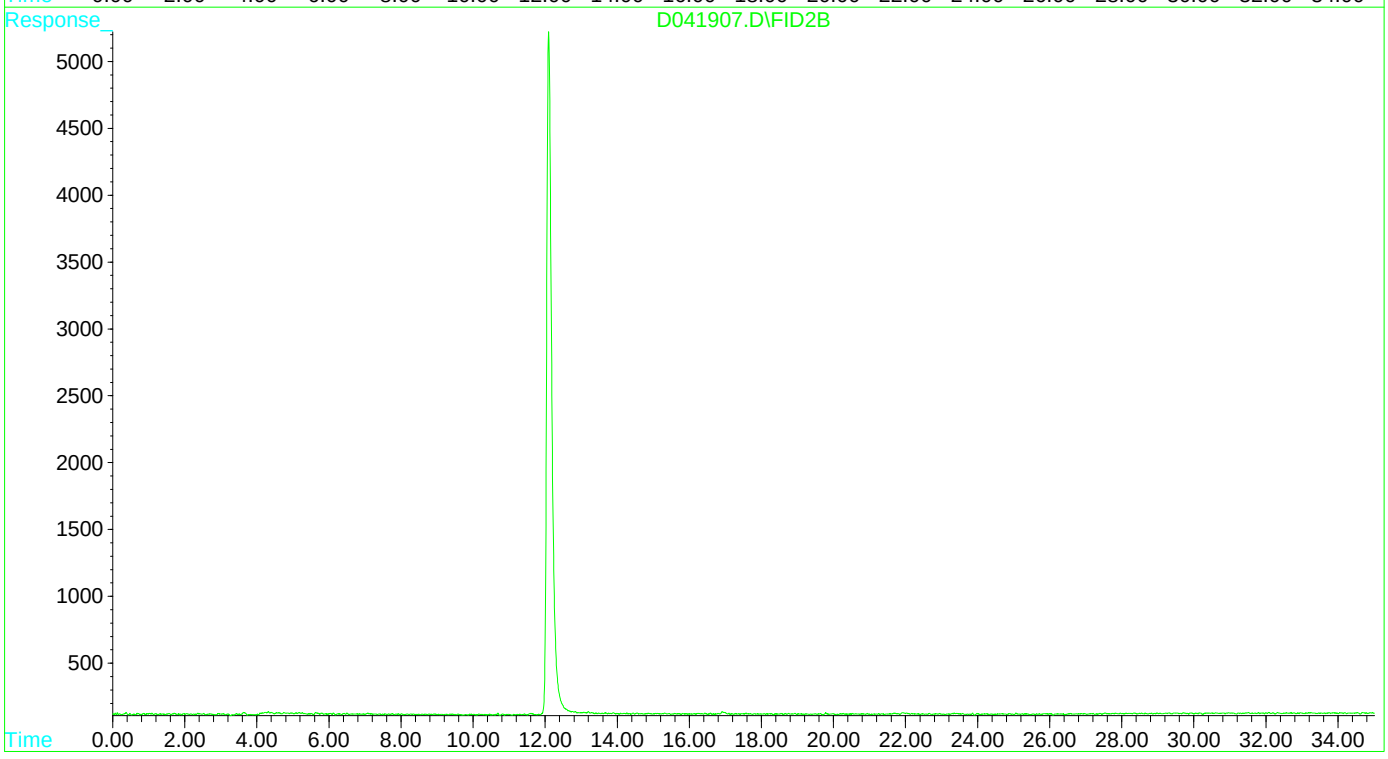
Acquired : 19 Apr 20106 9:43 pm using AcqMethod VPH.M
Instrument : 5890 VPH
Sample Name: MW3 r0419-06
Misc Info :
Vial Number: 7





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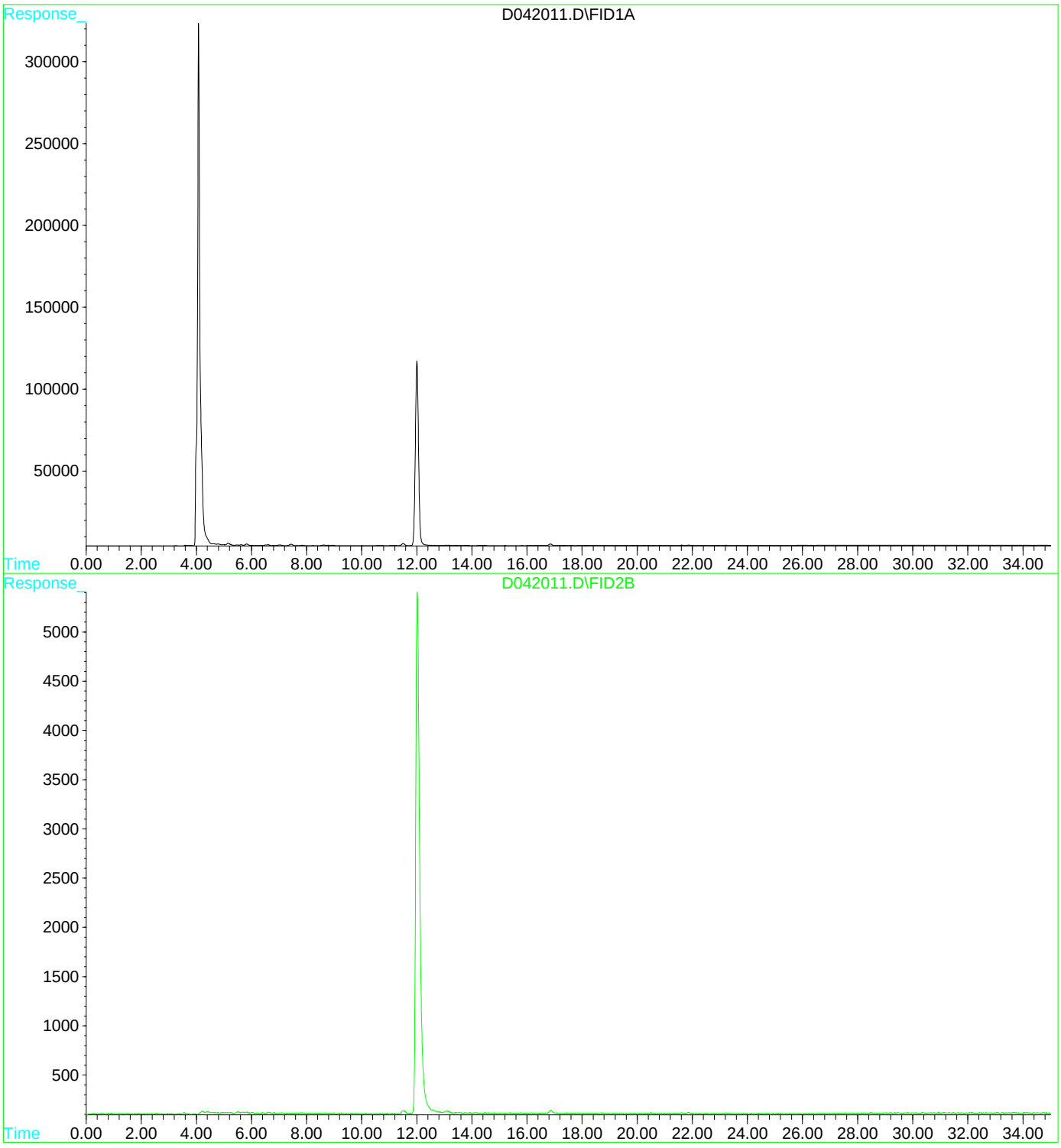
Operator : mgf
Acquired : 20 Apr 20106 10:41 pm using AcqMethod VPH.M
Instrument : 5890 VPH
Sample Name: MW4 R1409-06
Misc Info :
Vial Number: 11



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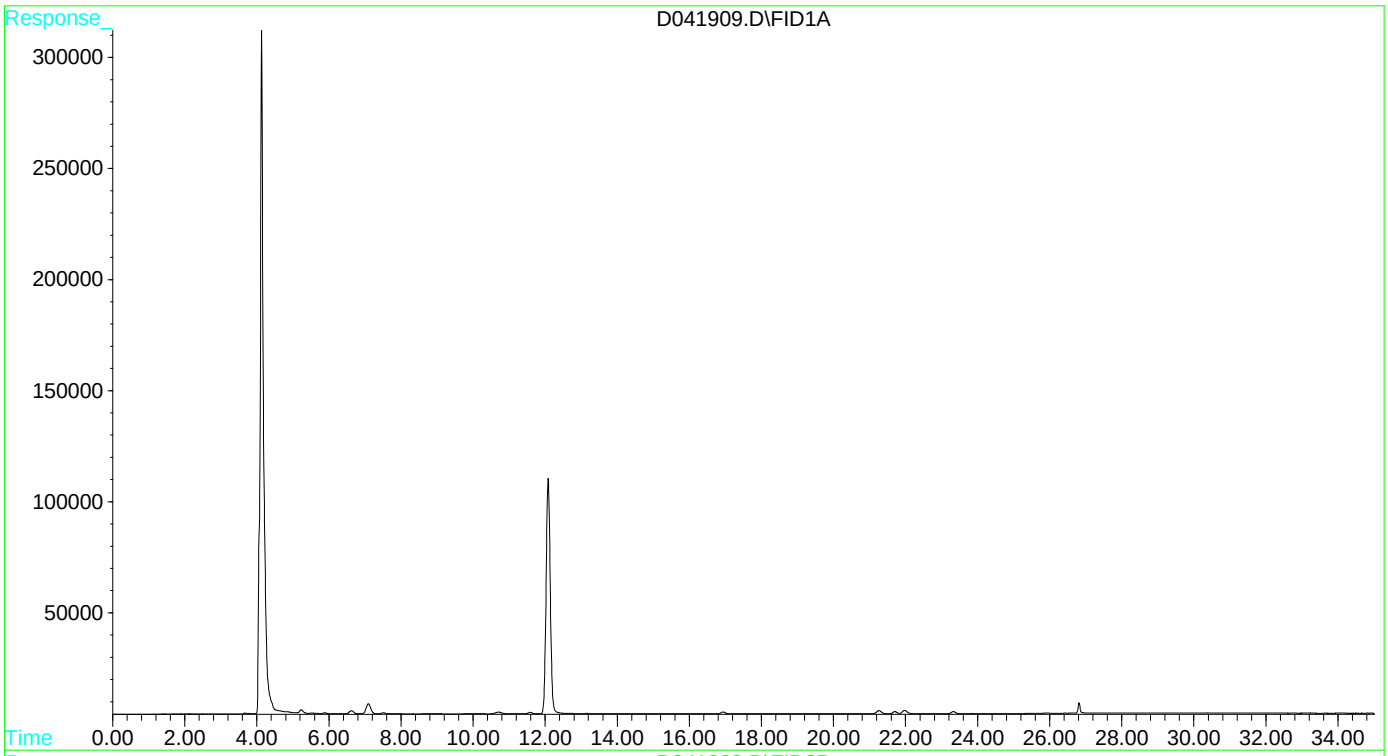
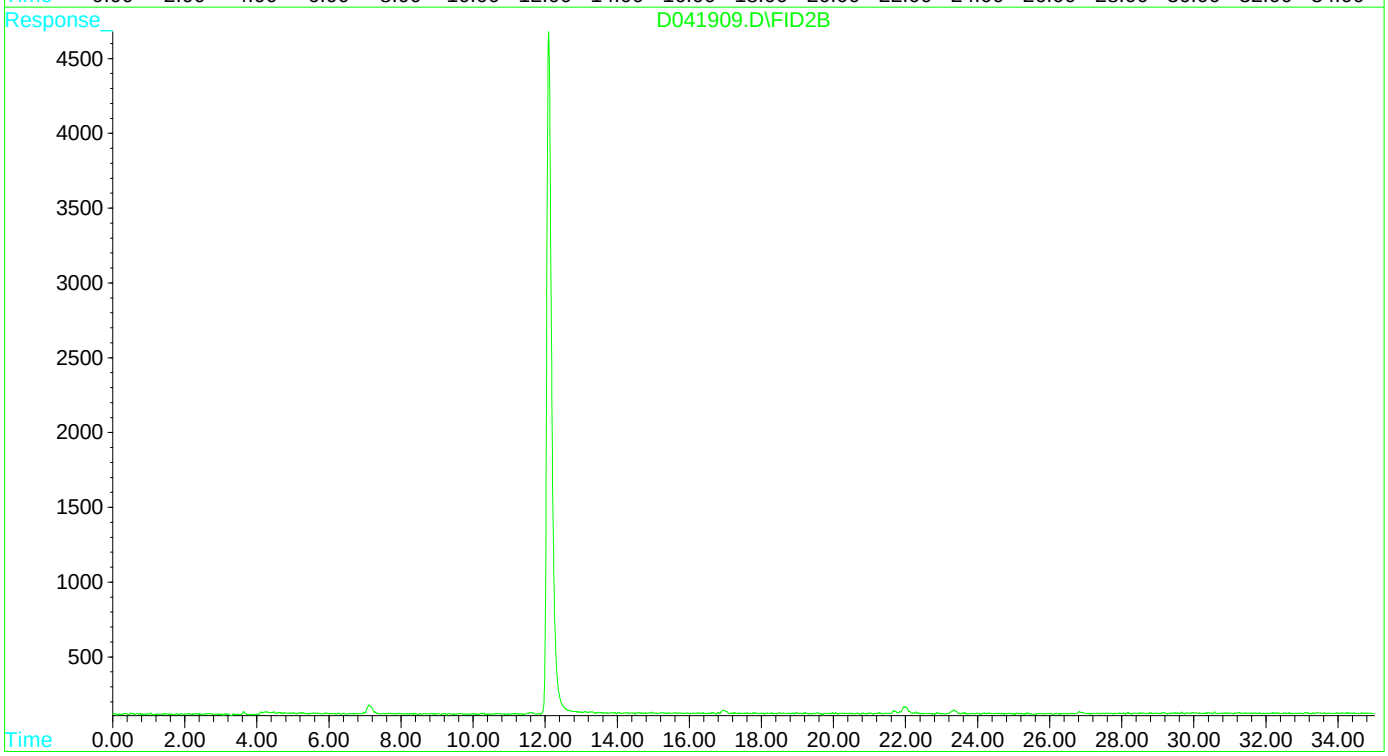
Acquired : 19 Apr 20106 11:11 pm using AcqMethod VPH.M
Instrument : 5890 VPH
Sample Name: MW5 r0419-06
Misc Info :
Vial Number: 9





RESULTS: EXTRACTABLE PETROLEUM HYDROCARBONS

Results for EPH analysis are presented in the following section. Each page is electronically signed. In the hardcopy report, two signatures appear on the approval line – the electronic signature and the handwritten signature.

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A X pH<2 pH>2 Comment:
Temperature	X Received on Ice Received at 4 ° C Other: Rec'd at 5 Deg. C
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-1
Method for Target Analytes:			Lab ID	R0419-06
EPH Surrogate Standards			Date Collected	4/18/06
Aliphatic: Chlorooctadecane			Date Received	4/19/06
Aromatic: o-Terphenyl			Date Extracted	4/19/06
EPH Fractionation Surrogates			Date Analyzed	4/21/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				91
Aromatic Surrogate % Recovery				90
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				N/A
Fractionation Surrogate % Recovery				N/A
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

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A pH<2 pH>2 Comment: Additional acid required
Temperature	X Received on Ice Received at 4 ° C Other: Rec'd at 5 Deg. C
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-2
Method for Target Analytes:			Lab ID	R0419-06
EPH Surrogate Standards			Date Collected	4/18/06
Aliphatic: Chlorooctadecane			Date Received	4/19/06
Aromatic: o-Terphenyl			Date Extracted	4/19/06
EPH Fractionation Surrogates			Date Analyzed	4/21/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				82
Aromatic Surrogate % Recovery				81
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				N/A
Fractionation Surrogate % Recovery				N/A
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

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A pH<2 pH>2 Comment: Additional acid required
Temperature	X Received on Ice Received at 4 ° C Other: Rec'd at 5 Deg. C
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-3
Method for Target Analytes:			Lab ID	R0419-06
EPH Surrogate Standards			Date Collected	4/18/06
Aliphatic: Chlorooctadecane			Date Received	4/19/06
Aromatic: o-Terphenyl			Date Extracted	4/19/06
EPH Fractionation Surrogates			Date Analyzed	4/21/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				70
Aromatic Surrogate % Recovery				72
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				N/A
Fractionation Surrogate % Recovery				N/A
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

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A pH<2 pH>2 Comment: Additional acid required
Temperature	X Received on Ice Received at 4 ° C Other: Rec'd at 5 Deg. C
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-4
Method for Target Analytes:			Lab ID	R0419-06
EPH Surrogate Standards			Date Collected	4/18/06
Aliphatic: Chlorooctadecane			Date Received	4/19/06
Aromatic: o-Terphenyl			Date Extracted	4/19/06
EPH Fractionation Surrogates			Date Analyzed	4/21/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				75
Aromatic Surrogate % Recovery				77
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				N/A
Fractionation Surrogate % Recovery				N/A
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

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A X pH<2 pH>2 Comment:
Temperature	X Received on Ice Received at 4 ° C Other: Rec'd at 5 Deg. C
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-5
Method for Target Analytes:			Lab ID	R0419-06
EPH Surrogate Standards			Date Collected	4/18/06
Aliphatic: Chlorooctadecane			Date Received	4/19/06
Aromatic: o-Terphenyl			Date Extracted	4/19/06
EPH Fractionation Surrogates			Date Analyzed	4/21/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				99
Aromatic Surrogate % Recovery				87
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				N/A
Fractionation Surrogate % Recovery				N/A
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

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

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SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	Satisfactory Broken Leaking:
Aqueous Preservatives	N/A pH<2 pH>2 Comment:
Temperature	Received on Ice Received at 4 ° C Other:
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	Method Blank
Method for Target Analytes:			Lab ID	R0419-06
EPH Surrogate Standards			Date Collected	NA
Aliphatic: Chlorooctadecane			Date Received	NA
Aromatic: o-Terphenyl			Date Extracted	4/19/06
EPH Fractionation Surrogates			Date Analyzed	4/21/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				85
Aromatic Surrogate % Recovery				88
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				N/A
Fractionation Surrogate % Recovery				N/A
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

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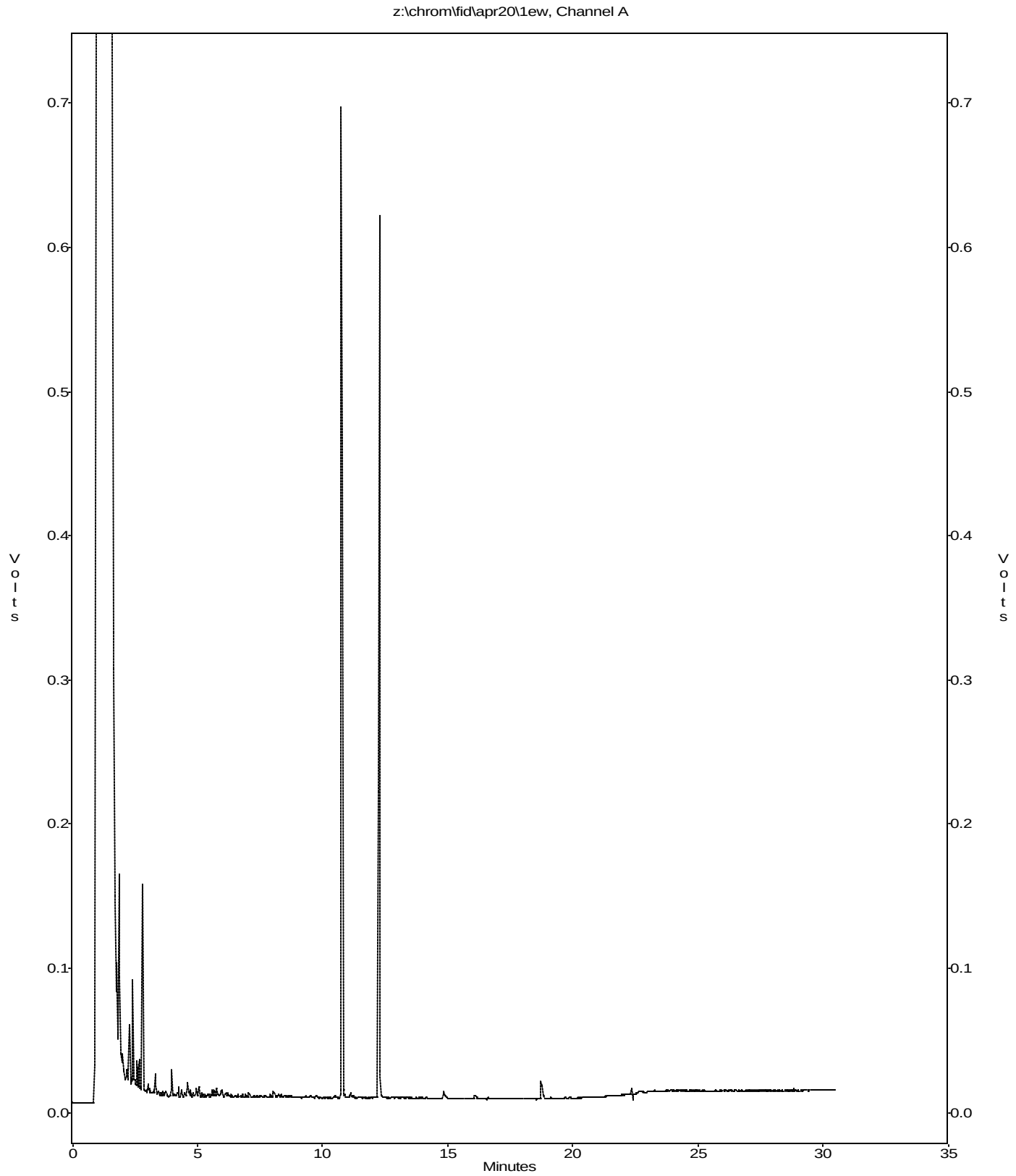
SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Richard Warila DATE: 4/24/2006

LABORATORY CONTROL SPIKE

Extractable Petroleum Hydrocarbons
Matrix: Water
Date extracted: 4/19/2006
Date analyzed: 4/21/2006

Analyte	TRUE Value	Result, ug/l	Recovery, %	QC Limits
Aliphatics C_9 to C_{18}	240	251	105	40-160
Aliphatics C_{19} to C_{36}	320	376	118	40-160
Aromatics C_{11} to C_{22}	680	376	55	40-160
Naphthalene	40	41	102	40-160
2-Methylnaphthalene	40	22	54	40-160
Acenaphthylene	40	22	56	40-160
Acenaphthene	40	22	56	40-160
Fluorene	40	22	54	40-160
Phenanthrene	40	21	52	40-160
Anthracene	40	17	43	40-160
Fluoranthene	40	21	52	40-160
Pyrene	40	22	56	40-160
Benzo(a)anthracene	40	18	45	40-160
Chrysene	40	16	41	40-160
Benzo(b) fluoranthene	40	18	44	40-160
Benzo(k)fluoranthene	40	20	50	40-160
Benzo(a)pyrene	40	21	53	40-160
Indeno-(1,2,3-cd) pyrene	40	16	41	40-160
Dibenzo(a,h)anthracene	40	38	94	40-160
Benzo(g,h,i)perylene	40	20	49	40-160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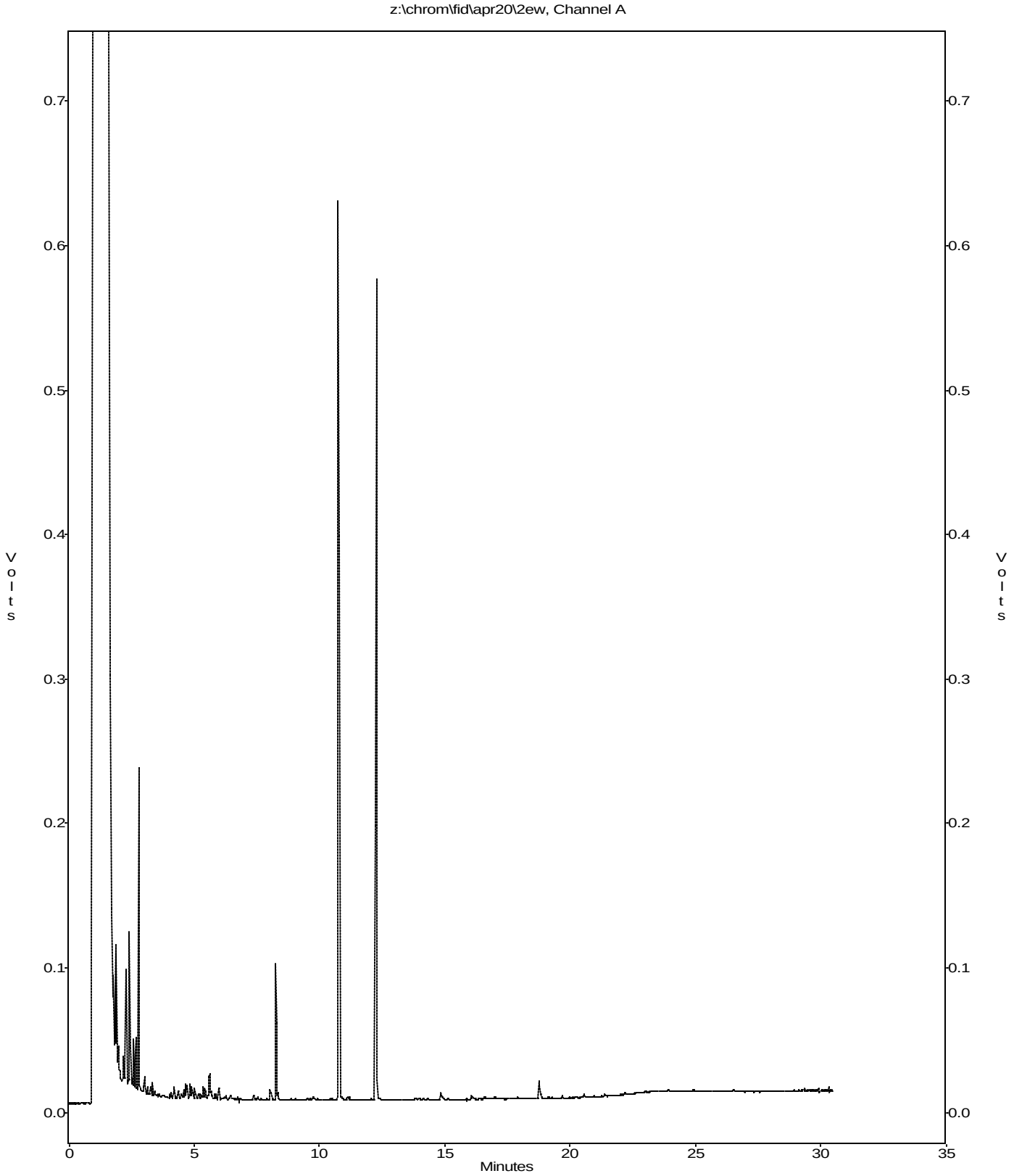
Minutes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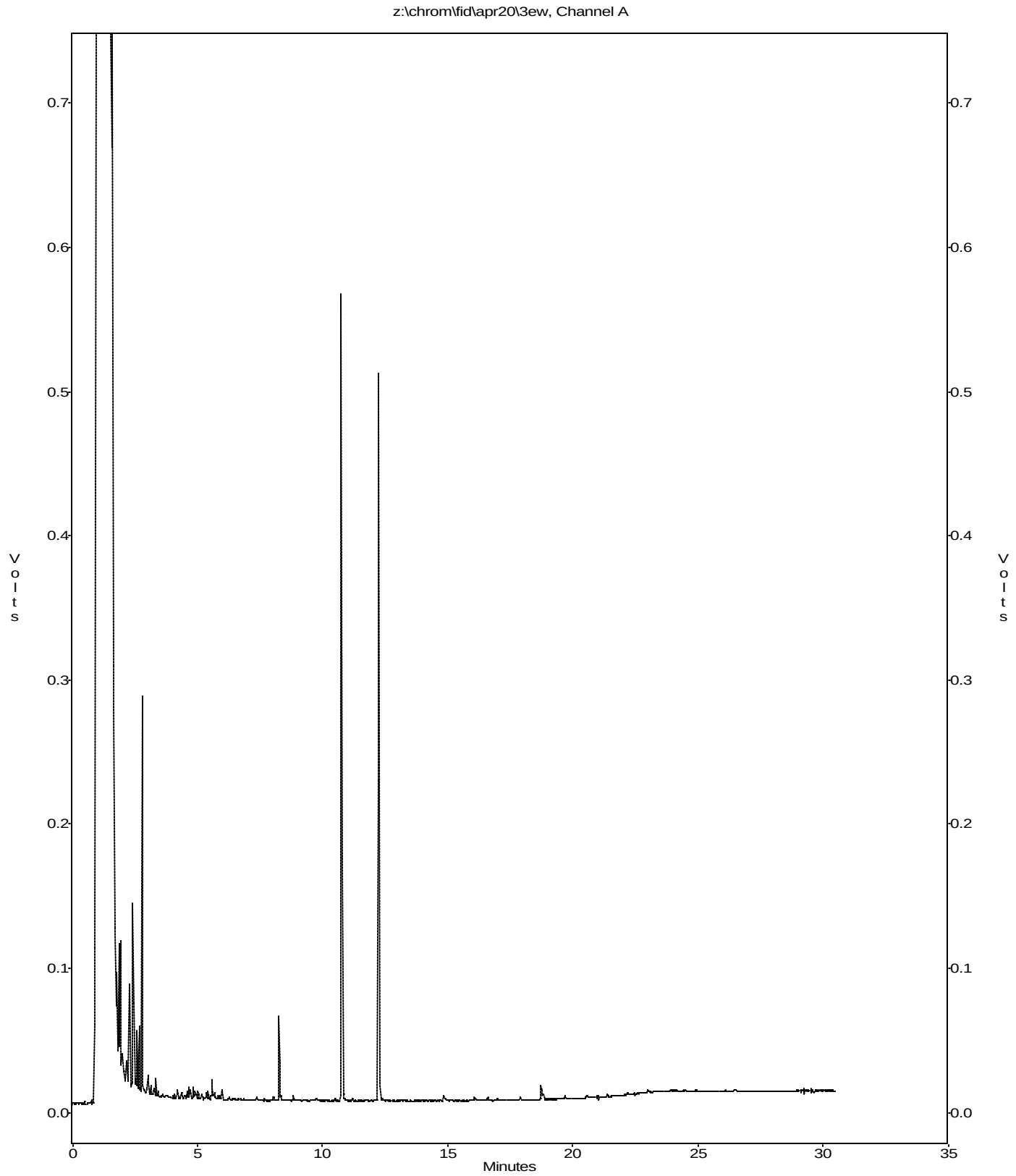
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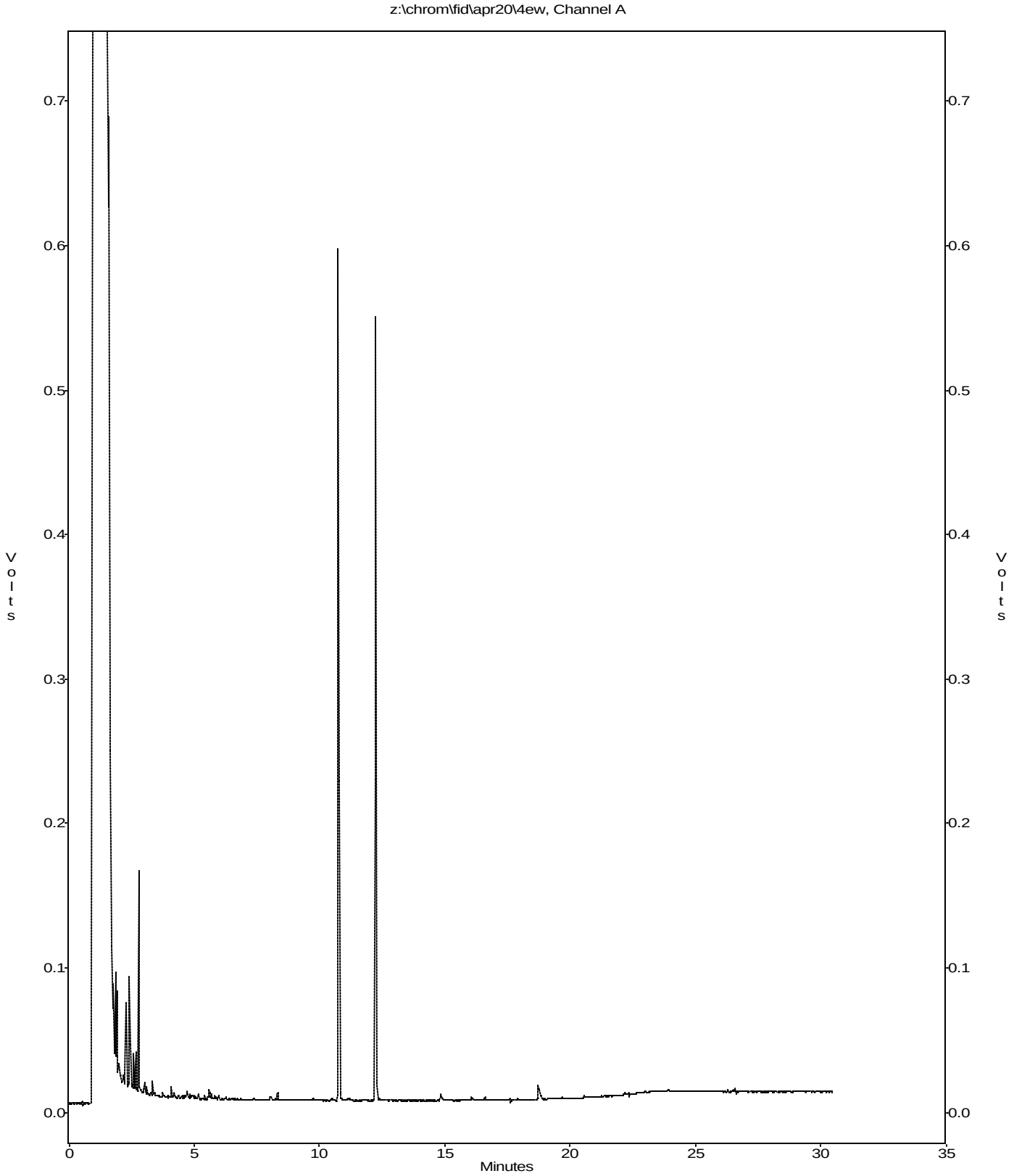
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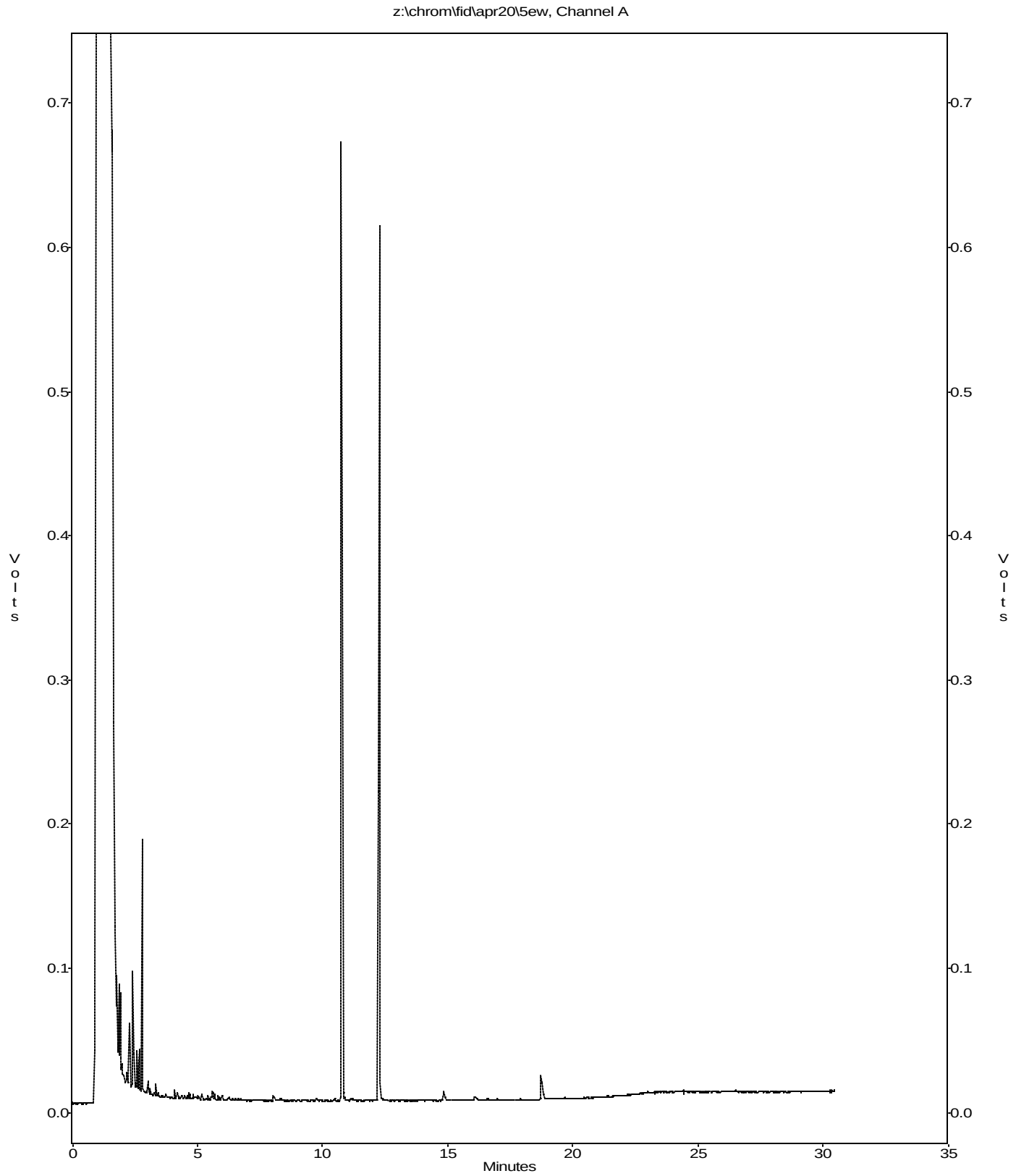
Minutes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Minutes

Custody Records

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue
North Providence, RI 02904

3 DAY T.A.T.
by Friday 4-21
RO419-06

CHAIN OF CUSTODY RECORD

PROJ. NO

PROJECT NAME: 680 Central St, Hess Leominster

CLIENT: EnviroTrac

SAMPLE I.D.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TESTS: VPH	EPH	VOC 8260	RCRA 8 metals - Diss	ethanol	PCB only	REMARKS
	4/18/06	10:30		X	MW-1	9	X	X	X	X	X	X	- include chromatograms
		11:00			MW-2								- send report to Matt Perrotti
		11:30			MW-3								- 3 DAY TAT
		12:00			MW-4								- Bill Hess direct Attn: John Schenkenitz
		12:30			MW-5								- Copy of Invoice to ET, Attn: B. Snow.
													MW-2, MW-3, MW-4 for EPH required additional HCl

NP. 4/4/06
water

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
[signature]	4/18/06 5pm	Secure ET Fridge	[signature]	4/4/06 9:30	[signature]
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature) M. Tarantino	Date/Time 4/19/06 10:45	Remarks: water 5°C on ice	

New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

04/27/07

Technical Report for

EnviroTrac

Hess:MA018 680-706 Central St. Leominster, MA

MA018

Accutest Job Number: M63948

Sampling Date: 04/10/07

Report to:

EnviroTrac

patrickc@envirotrac.com

ATTN: Patrick Corcoran

Total number of pages in report: **14**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579) NY (23346) NJ (MA926) NAVY USACE

Sections: 1 2 3

Table of Contents

-1-

Sample Summary

EnviroTrac

Job No: M63948

Hess: MA018 680-706 Central St. Leominster, MA
Project No: MA018

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M63948-1	04/10/07	10:45	SPK	04/10/07	AQ	Ground Water	MW-1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M63948-1	**Date Sampled:**	04/10/07
Matrix:	AQ - Ground Water	**Date Received:**	04/10/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Hess:MA018 680-706 Central St. Leominster, MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F28104.D	1	04/13/07	PN	04/12/07	OP13335	MSF1354
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.6	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	11	ug/l	
120-83-2	2,4-Dichlorophenol	ND	11	ug/l	
105-67-9	2,4-Dimethylphenol	ND	11	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	ug/l	
88-75-5	2-Nitrophenol	ND	11	ug/l	
100-02-7	4-Nitrophenol	ND	22	ug/l	
87-86-5	Pentachlorophenol	ND	11	ug/l	
108-95-2	Phenol	ND	5.6	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	11	ug/l	
83-32-9	Acenaphthene	ND	5.6	ug/l	
208-96-8	Acenaphthylene	ND	5.6	ug/l	
120-12-7	Anthracene	ND	5.6	ug/l	
92-87-5	Benzidine	ND	22	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.6	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.6	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.6	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.6	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.6	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.6	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.6	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.6	ug/l	
106-47-8	4-Chloroaniline	ND	11	ug/l	
218-01-9	Chrysene	ND	5.6	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.6	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.6	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.6	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.6	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.6	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	5.6	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.6	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M63948-1	**Date Sampled:**	04/10/07
Matrix:	AQ - Ground Water	**Date Received:**	04/10/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Hess:MA018 680-706 Central St. Leominster, MA		

ABN PPL List

CAS No.	Compound	Result	RL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.6	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	11	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	11	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.6	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.6	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.6	ug/l	
131-11-3	Dimethyl phthalate	ND	5.6	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.6	ug/l	
206-44-0	Fluoranthene	ND	5.6	ug/l	
86-73-7	Fluorene	ND	5.6	ug/l	
118-74-1	Hexachlorobenzene	ND	5.6	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.6	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	11	ug/l	
67-72-1	Hexachloroethane	ND	5.6	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.6	ug/l	
78-59-1	Isophorone	ND	5.6	ug/l	
91-20-3	Naphthalene	ND	5.6	ug/l	
98-95-3	Nitrobenzene	ND	5.6	ug/l	
62-75-9	n-Nitrosodimethylamine	ND	5.6	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.6	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	ug/l	
85-01-8	Phenanthrene	ND	5.6	ug/l	
129-00-0	Pyrene	ND	5.6	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		10-110%
4165-62-2	Phenol-d5	26%		10-110%
118-79-6	2,4,6-Tribromophenol	62%		10-110%
4165-60-0	Nitrobenzene-d5	65%		30-124%
321-60-8	2-Fluorobiphenyl	63%		30-120%
1718-51-0	Terphenyl-d14	56%		30-120%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@73039 08:26 27-Apr-2007

Report of Analysis

Client Sample ID: MW-1
Lab Sample ID: M63948-1 **Date Sampled:** 04/10/07
Matrix: AQ - Ground Water **Date Received:** 04/10/07
Method: EPA 504 EPA 504 **Percent Solids:** n/a
Project: Hess:MA018 680-706 Central St. Leominster, MA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB13639.D	1	04/13/07	SL	04/13/07	OP13344	GBB569
Run #2							

	Initial Volume	Final Volume
Run #1	33.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.016	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	Bromofluorobenzene (S)	107%		26-158%
460-00-4	Bromofluorobenzene (S)	100%		26-158%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@73039 08:26 27-Apr-2007

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M63948-1	**Date Sampled:**	04/10/07
Matrix:	AQ - Ground Water	**Date Received:**	04/10/07
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	Hess:MA018 680-706 Central St. Leominster, MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BD12662.D	1	04/11/07	AF	n/a	n/a	GBD620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (VOA)	0.180	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
615-59-8	2,5-Dibromotoluene	96%		44-134%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@73039 08:26 27-Apr-2007

Report of Analysis

Client Sample ID: MW-1
Lab Sample ID: M63948-1 **Date Sampled:** 04/10/07
Matrix: AQ - Ground Water **Date Received:** 04/10/07
Method: EPA 608 EPA 608 **Percent Solids:** n/a
Project: Hess:MA018 680-706 Central St. Leominster, MA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ41254.D	1	04/14/07	SL	04/13/07	OP13346	GYZ1740
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		44-132%
877-09-8	Tetrachloro-m-xylene	91%		44-132%
2051-24-3	Decachlorobiphenyl	59%		12-151%
2051-24-3	Decachlorobiphenyl	56%		12-151%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@73039 08:26 27-Apr-2007

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M63948-1	**Date Sampled:**	04/10/07
Matrix:	AQ - Ground Water	**Date Received:**	04/10/07
Method:	SW846-8015 SW846 3510C	**Percent Solids:**	n/a
Project:	Hess:MA018 680-706 Central St. Leominster, MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH49274.D	1	04/12/07	DG	04/11/07	OP13328	GGH3552
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (Semi-VOA)	ND	0.22	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	85%		37-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M63948-1	**Date Sampled:**	04/10/07
Matrix:	AQ - Ground Water	**Date Received:**	04/10/07
		Percent Solids:	n/a
Project:	Hess:MA018 680-706 Central St. Leominster, MA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 6.0	6.0	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [3]
Arsenic	148	10	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [3]
Chromium	286	10	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [3]
Copper	137	25	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [3]
Iron	124000	100	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [3]
Lead	45.3	5.0	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	04/12/07	04/12/07	MA	SW846 7470A [2]	SW846 7470A [4]
Nickel	176	40	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA7993
(2) Instrument QC Batch: MA7996
(3) Prep QC Batch: MP10166
(4) Prep QC Batch: MP10172

RL = Reporting Limit

Accutest LabLink@73039 08:26 27-Apr-2007

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M63948-1	**Date Sampled:**	04/10/07
Matrix:	AQ - Ground Water	**Date Received:**	04/10/07
		Percent Solids:	n/a
Project:	Hess:MA018 680-706 Central St. Leominster, MA		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.010	0.010	mg/l	1	04/11/07 09:25	CF	SW846 7196A
Cyanide	< 0.010	0.010	mg/l	1	04/16/07 15:33	MA	EPA 335.3
Solids, Total Suspended	8570	40	mg/l	10	04/13/07	BF	EPA 160.2
Total Residual Chlorine	0.50	0.050	mg/l	1	04/10/07 15:00	CF	EPA 330.4

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

495 TECHNOLOGY CENTER WEST • BUILDING ONE
MARLBOROUGH, MA 01752
TEL: 508-481-6200 • FAX: 508-481-7753

ACCUTEST JOB #: M63948
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: EnviroTrac Ltd.
ADDRESS: 1400 Providence Hwy Ste. 2100
CITY: Norwood STATE: MA ZIP: 02062
SEND REPORT TO: Sean Kennedy - EnviroTrac Ltd
PHONE #: 781-769-5005

FACILITY INFORMATION

PROJECT NAME: Hess MA018
LOCATION: 680-706 Central Street, Leominster, MA
PROJECT NO.:
FAX #: 781-769-9545

ANALYTICAL INFORMATION

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	PRESERVATION MeOH	735/TRC	CN	8270 Phthalates/Pheno	TPH DRO	PCBs	TPH GRO	EDB	Hex. Chromium	Metals*
-	MW-1	4/10/07	1045	SBB	GW	13	X	X	X		X	X	X	X	X	X	X	X	X	X	X

MATRIX CODES: DW - DRINKING WATER; GW - GROUND WATER; WW - WASTE WATER; SO - SOIL; SL - SLUDGE; OI - OIL; LIQ - OTHER LIQUID; SOL - OTHER SOLID

LAB USE ONLY

DATA TURNAROUND INFORMATION

- ☐ 14 DAYS STANDARD
- ☒ 7 DAYS *RUSH* — APPROVED BY: Reza 4/9/07
- ☐ 48 HOUR EMERGENCY
- ☐ OTHER

14 DAY TURNAROUND HARDCOPY. EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☒ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☐ OTHER (SPECIFY) 1B, 13A, 3F9, 6B

COMMENTS/REMARKS

*Metals include: Sb, Cu, Fe, Ni, As, Cd, Cr, Pb, Hg, Se & Hg for total metals.
Bill Hess direct MA018

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:
1.	4/10/07 1140	1. Megan M Sweeney
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.

RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.

SEAL # | PRESERVE WHERE APPLICABLE ☐ | ON ICE ☐ | TEMPERATURE 1.8 C

M63948: Chain of Custody
Page 1 of 1

New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

04/26/07

Technical Report for

EnviroTrac

Hess:MA018 680-706 Central St. Leominster, MA

MA018

Accutest Job Number: M63948R

Sampling Date: 04/10/07

Report to:

EnviroTrac

patrickc@envirotrac.com

ATTN: Patrick Corcoran

Total number of pages in report: **8**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579) NY (23346) NJ (MA926) NAVY USACE

Sections: 1 2 3

Table of Contents

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Accutest Laboratories

Sample Summary

EnviroTrac

Job No: M63948R

Hess: MA018 680-706 Central St. Leominster, MA
Project No: MA018

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
M63948-1R	04/10/07	10:45	SPK	04/10/07	AQ	Ground Water	MW-1

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	M63948-1R	**Date Sampled:**	04/10/07
Matrix:	AQ - Ground Water	**Date Received:**	04/10/07
		Percent Solids:	n/a
Project:	Hess:MA018 680-706 Central St. Leominster, MA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Silver	< 5.0	5.0	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [2]
Zinc	340	20	ug/l	1	04/11/07	04/12/07	PY	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA7993
(2) Prep QC Batch: MP10166

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

CHAIN OF CUSTODY

495 TECHNOLOGY CENTER WEST • BUILDING ONE
MARLBOROUGH, MA 01752
TEL: 508-481-6200 • FAX: 508-481-7753

ACCUTEST JOB #: M63948R
ACCUTEST QUOTE #:

CLIENT INFORMATION
NAME: EnviroTrac Ltd.
ADDRESS: 1400 Providence Hwy Ste 2100
CITY: Norwood STATE: MA ZIP: 02062
SEND REPORT TO: Sean Kennedy-EnviroTrac Ltd
PHONE #: 781-769-5005

FACILITY INFORMATION
PROJECT NAME: Hess MA018
LOCATION: 680-706 Central Street, Leominster, MA
PROJECT NO.:
FAX #: 781-769-9343

ANALYTICAL INFORMATION
TSS/TRC; CN; 8270 Phthalates/Phenols; TPH DRO; PCBs; TPH GRO; EDB; Hex. Chromium; Metals*

MATRIX CODES
DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION: HCl	NaOH	HNO3	H2SO4	NONE	MeOH	LAB USE ONLY
-1	MW-1	4/10/07	1045	SRD	GW	13	X	X	X		X	X	

DATA TURNAROUND INFORMATION
☐ 14 DAYS STANDARD
☒ 7 DAYS *RUSH* — APPROVED BY: Reza 4/9/07
☐ 48 HOUR EMERGENCY
☐ OTHER
14 DAY TURNAROUND HARDCOPY. EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION
☒ STANDARD
☐ COMMERCIAL "B"
☐ DISK DELIVERABLE
☐ STATE FORMS
☐ OTHER (SPECIFY)
1B, 3A, 3F9, 6B

COMMENTS/REMARKS
*Metals include: Sb, Cu, Fe, Ni, As, Cd, Cr, Pb, Hg, Se & Hg for total metals
Bill Hess direct MA018

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1.	4/10/07 1140	1. Ryan M Sweeney	2.		2.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE	ON ICE: ☒	TEMPERATURE: 1.8 C
5.		5.			

M63948R: Chain of Custody
Page 1 of 2

M63948(R)

Reza Tand

From: Patrick Corcoran [patrickc@envirotrac.com]
Sent: Tuesday, April 24, 2007 4:18 PM
To: Reza Tand
Subject: RE: M63948 - Hess, Leominster

Thanks. I need the results by mid-afternoon Friday.

Patrick D. Corcoran, LSP
Senior Project Manager
EnviroTrac Ltd.
1400 Providence Highway, Suite 2100
Norwood, MA 02062-5032
Phone: 781 769-5005 Ext. 13
Cell: 508 726-8134
Fax: 781 769-9345
E-Mail: patrickc@envirotrac.com

From: Reza Tand [mailto:rezat@accutest.com]
Sent: Tuesday, April 24, 2007 16:14
To: Patrick Corcoran
Subject: RE: M63948 - Hess, Leominster

Yes,
We can relog & report Silver & Zinc for you, please advise the Turn Around you need for this.
Thanks,
Reza Tand

From: Patrick Corcoran [mailto:patrickc@envirotrac.com]
Sent: Tuesday, April 24, 2007 3:45 PM
To: Reza Tand
Subject: M63948 - Hess, Leominster

Reza:

Could a sample extract be run for total silver and zinc?

Please let me know.

Thanks.

Patrick D. Corcoran, LSP
Senior Project Manager
EnviroTrac Ltd.
1400 Providence Highway, Suite 2100
Norwood, MA 02062-5032
Phone: 781 769-5005 Ext. 13
Cell: 508 726-8134
Fax: 781 769-9345

4/24/2007

M63948R: Chain of Custody
Page 2 of 2

ATTACHMENT D

Index by State and City
National Register Information System 03/27/2007 13:36:55

No filter Include filter in navigation

Row	STATE	COUNTY	RESOURCE NAME	ADDRESS	CITY	LISTED	MULTIPLE
1	MA	Worcester	**Cluett Peabody & Company**	123 First St.	Leominster	1989-06-08	
2	MA	Worcester	**Monument Square Historic District**	Main and Water Sts., and Grove Ave.	Leominster	1982-07-08	
3	MA	Worcester	**Wachusett Shirt Company**	97-100 Water St.	Leominster	1982-07-08	
4	MA	Worcester	**Wellington Piano Case Company Building**	54 Green St.	Leominster	1984-05-31	
5	MA	Worcester	**Whitney & Company**	142 Water St.	Leominster	1989-06-08	
6	MA	Worcester	**Whitney, F. A., Carriage Company Complex Historic District**	Off 124 Water St.	Leominster	1988-06-23	

Page 1

First Page Next Page Refresh Export

Massachusetts Cultural Resource Information System
MACRIS

Macris Search Results

Search Criteria: **Towns: Leominster**
ResourceType: Area, Building, Burial Ground, Object, Structure

Inv. No.	Property Name	Street	Town	Year
LEO.215		203 Mechanic St	Leominster	1908
LEO.273		54 Main St	Leominster	1949
LEO.284		7-11 Park St	Leominster	1972
LEO.149		215 Elm St	Leominster	1810
LEO.220		27-29 Third St	Leominster	1905
LEO.210		101 Mechanic St	Leominster	1929
LEO.936	Adams Street Bridge over Monoosnoc Brook	Adams St	Leominster	1904
LEO.287	Allen Block	0 Park St	Leominster	1874
LEO.919	Appleseed, Johnny Monument	Johnny Appleseed Ln	Leominster	1963
LEO.115	Baker, Charles F. - Barker, Fred House	84 North Main St	Leominster	1880
LEO.199	Baldwin House	7 Prospect St	Leominster	1800
LEO.266	Bank Building	12 Main St	Leominster	1903
LEO.91	Barnes, Charles E. House	74 Arlington St	Leominster	1882
LEO.3	Barrett, Frank L. House	50 West St	Leominster	1880
LEO.53	Bartlett, Herbert E. House	37 Orchard St	Leominster	1891
LEO.208	Beargeon, Fred E. House	208 Water St	Leominster	1880
LEO.169	Bennett School	145 Pleasant St	Leominster	1874
LEO.13	Bigelow, Dr. Charles E. House	75 Merriam Ave	Leominster	1880
LEO.170	Blodgett, Benjamin F. House	192 Pleasant St	Leominster	1867

Inv. No.	Property Name	Street	Town	Year
LEO.136	Blodgett, Edward F. House	72 Cottage St	Leominster	1871
LEO.135	Blodgett, Franklin House	65 Cottage St	Leominster	1880
LEO.12	Blodgett, J. P. House	147 West St	Leominster	1790
LEO.71	Bosworth, Henry M. House	32 Washington St	Leominster	1880
LEO.26	Bosworth, Milton H. House	203 Merriam Ave	Leominster	1900
LEO.227	Boudreau, Arthur House	224 Seventh St	Leominster	1933
LEO.182	Boutell House	50 Wachusett St	Leominster	1835
LEO.28	Bowers, Capt. A. House	18 School St	Leominster	1882
LEO.176	Boyden House	749 Pleasant St	Leominster	1825
LEO.232	Bracket, Samuel House	2 Harrison St	Leominster	1880
LEO.108	Brissman, Axel House	118 Blossom St	Leominster	1900
LEO.24	Brown, Leonard C. House	187 Merriam Ave	Leominster	1880
LEO.16	Burdett - Paton House	114 Merriam Ave	Leominster	1899
LEO.44	Burdett, Everett E. House	4 Gardner Pl	Leominster	1900
LEO.58	Burdett, William C. House	67 Orchard St	Leominster	1890
LEO.196	Burrage, Capt. Leonard House	683 Main St	Leominster	1823
LEO.180	Buss House	1183 Pleasant St	Leominster	1813
LEO.179	Buss, Luke House	985 Pleasant St	Leominster	1784
LEO.178	Buss, Stephen House	915 Pleasant St	Leominster	1743
LEO.900	Carter Park	Main St	Leominster	1754
LEO.171	Carter, Elias House	320 Pleasant St	Leominster	1759
LEO.918	Carter, James Gordon Monument	Granite St	Leominster	1940
LEO.204	Carter, Jonathan House	200 Lawrence St	Leominster	1817
LEO.916	Carter, Oliver Monument	Main St	Leominster	1906
LEO.247	Carter, Phineas House	838 Lancaster St	Leominster	1757
LEO.264	Central Fire Station	19 Church St	Leominster	1898
LEO.50	Chapin, John C. House	18 Orchard St	Leominster	1880

Inv. No.	Property Name	Street	Town	Year
LEO.33	Chase, William H. House	25 Grove Ave	Leominster	1880
LEO.167	Ciccolini, Daniel House	32 Castle St	Leominster	1933
LEO.901	Civil War Monument	Main St	Leominster	1867
LEO.43	Clapp, Fred A. House	3 Gardner Pl	Leominster	1893
LEO.77	Clark, Albert J. House	54 Washington St	Leominster	1881
LEO.N	Cluett Peabody and Company		Leominster	
LEO.217	Cluett Peabody and Company 1902 Mill	123 First St	Leominster	1902
LEO.296	Cluett Peabody and Company 1937 Addition	123 First St	Leominster	1937
LEO.299	Cluett Peabody and Company 1957 Addition	123 First St	Leominster	1957
LEO.297	Cluett Peabody and Company Boiler Plant	123 First St	Leominster	1902
LEO.927	Cluett Peabody and Company Chimney	123 First St	Leominster	1902
LEO.928	Cluett Peabody and Company Power Transmitter	123 First St	Leominster	1950
LEO.122	Colburn, Ida House	29 Walnut St	Leominster	1900
LEO.156	Colburn, J. House	138-140 Central St	Leominster	1837
LEO.151	Cole, Leonard House	589 Elm St	Leominster	1820
LEO.281	Columbia Hotel	65 Main St	Leominster	1892
LEO.102	Conant, Henry E. House	54 Blossom St	Leominster	1880
LEO.192	Congregational Church of Christ	583 Main St	Leominster	1880
LEO.268	Congregational Unitarian Church	15 West St	Leominster	1873
LEO.158	Conlin, Patrick House	17 Cross St	Leominster	1862
LEO.94	Conlon, Michael T. House	22-24 Vine St	Leominster	1882
LEO.107	Cook, William A. House	111 Blossom St	Leominster	1875
LEO.83	Cook, William H. House	102 Washington St	Leominster	1880
LEO.166	Cosimi - Gabriele - Visco House	129 Lincoln Terr	Leominster	1928
LEO.935	Cotton Street Bridge over Monoosnoc Brook	Cotton St	Leominster	1902
LEO.133	Cotton, Ward M. House	12 Cotton St	Leominster	1795

Inv. No.	Property Name	Street	Town	Year
LEO.139	Crane, Michael House	111 Cottage St	Leominster	1875
LEO.9	Crocker, Samuel S. House	119 West St	Leominster	1868
LEO.41	Cropper, William H. House	94 Grove Ave	Leominster	1906
LEO.159	Cross Street School	16 Cross St	Leominster	1896
LEO.98	Cushing, Walter H. House	54 Vine St	Leominster	1901
LEO.76	Davis, Edwin R. House	51 Washington St	Leominster	1882
LEO.46	Davis, Herbert E. House	6 Gardner Pl	Leominster	1893
LEO.63	Day, Joseph V. House	87 Orchard St	Leominster	1887
LEO.934	Derby - Sawtell Bridge	Mechanic St	Leominster	1937
LEO.243	Derby Farm	438 Harvard St	Leominster	1728
LEO.202	Derby, Henry House	230 Prospect St	Leominster	1815
LEO.242	Dillon, Frank D. House	402 Lindell Ave	Leominster	1911
LEO.162	Draffin, Alexander House	73 Lancaster St	Leominster	1842
LEO.152	Drake, Jonathan House	21 Franklin St	Leominster	1840
LEO.218	Driscoll, Patrick J. House	132 First St	Leominster	1902
LEO.6	Earl, Edward House	59 West St	Leominster	1892
LEO.H	East Side		Leominster	
LEO.216	Eichoff, Lillian House	120-122 First St	Leominster	1910
LEO.117	Ells, William House	100 North Main St	Leominster	1880
LEO.134	Ensign, Elbert House	27 Cotton St	Leominster	1882
LEO.276	Enterprise Building	21 Colburn Ct	Leominster	1904
LEO.224	Farrell, William House	32 Cedar St	Leominster	1865
LEO.278	Fidelity Cooperative Bank	29 Main St	Leominster	1969
LEO.271	Field School - Leominster Historical Society	15 School St	Leominster	1870
LEO.908	Firefighters Memorial	West St	Leominster	1958
LEO.907	Firefighters Memorial	West St	Leominster	1978
LEO.269	First Baptist Society Church	26 Church St	Leominster	1891

Inv. No.	Property Name	Street	Town	Year
LEO.911	First Burial Ground Marker	Main St	Leominster	1911
LEO.14	First Congregational Unitarian Church Parsonage	81 Merriam Ave	Leominster	1877
LEO.917	First House in Leominster Marker	Hill St	Leominster	1910
LEO.912	First Meeting House Monument	Tremaine St	Leominster	1904
LEO.221	Fortier, Armand J. House	23 Fourth St	Leominster	1927
LEO.267	Foster Block	2-8 Main St	Leominster	1874
LEO.279	Foster Building - Balch Place	41-50 Main St	Leominster	1859
LEO.32	Foster, Joseph C. House	20 Grove Ave	Leominster	1937
LEO.160	Foster, Mary J. House	25 Cross St	Leominster	1903
LEO.272	Gallagher, Mary A. Junior High School	Church St	Leominster	1928
LEO.21	Gane, George A. House	157 Merriam Ave	Leominster	1891
LEO.140	Gardner, John House	125 Adams St	Leominster	1796
LEO.148	Gates, Samuel House	161 Elm St	Leominster	1810
LEO.121	Gavin, William House	20-22 Walnut St	Leominster	1880
LEO.238	Gibson Comb Shop	346 West St	Leominster	1816
LEO.237	Gibson Tavern	345 West St	Leominster	1766
LEO.84	Gibson, George S. House	110 Washington St	Leominster	1880
LEO.105	Gilson, William E. House	96 Blossom St	Leominster	1902
LEO.161	Glass, Peter House	68 Lancaster St	Leominster	1853
LEO.96	Going, Augustus House	37 Vine St	Leominster	1880
LEO.95	Gorman, William H. J. House	34 Vine St	Leominster	1876
LEO.212	Gould, William J. House	171 Mechanic St	Leominster	1876
LEO.241	Grayling Hall	401 Lindell Ave	Leominster	1907
LEO.86	Gurney, Everett F. House	212 Washington St	Leominster	1903
LEO.74	Harrison, William H. House	44 Washington St	Leominster	1878
LEO.137	Hart, Joseph H. House	103 Cottage St	Leominster	1880

Inv. No.	Property Name	Street	Town	Year
LEO.229	Hartford, Myron L. House	11 Eighth St	Leominster	1896
LEO.34	Harwood, Nahum House	35 Grove Ave	Leominster	1880
LEO.235	Herrick, Jonathan A. House	42 Old Mill Rd	Leominster	1790
LEO.109	Hill, Otis House	142 Blossom St	Leominster	1897
LEO.173	Hills House	365 Pleasant St	Leominster	1798
LEO.172	Hills, Emerson House	354 Pleasant St	Leominster	1830
LEO.97	Holden, Herbert House	46 Vine St	Leominster	1880
LEO.57	Holden, William House	66 Orchard St	Leominster	1887
LEO.15	Holman, Joseph P. House	106 Merriam Ave	Leominster	1880
LEO.174	Horsepower Building	366 Pleasant St	Leominster	1812
LEO.154	Houde, Adolphe House	87 Union St	Leominster	1891
LEO.11	Houghton, Jonathan House	140 West St	Leominster	1738
LEO.69	Howe, Merrick House	28 Washington St	Leominster	1870
LEO.81	Howe, Walter N. House	70 Washington St	Leominster	1886
LEO.36	Hudson, Frederick L. - Platt, Frederick T. House	51 Grove Ave	Leominster	1880
LEO.903	Indian Mortar Monument, Old	Main St	Leominster	1917
LEO.141	Jewett Piano Case Factory	140 Adams St	Leominster	1892
LEO.10	Jewett, William G. House	135 West St	Leominster	1880
LEO.73	Jobes, Charles J. House	43 Washington St	Leominster	1870
LEO.72	Johnson, Frank A. House	41 Washington St	Leominster	1880
LEO.49	Jones, George P. House	17 Orchard St	Leominster	1911
LEO.101	Jones, George W. House	53 Blossom St	Leominster	1878
LEO.120	Joslin, Charles House	19 Walnut St	Leominster	1874
LEO.188	Joslin, Elias Jr. House	98 Grant St	Leominster	1830
LEO.201	Joslin, Luke Jr. House	84 Prospect St	Leominster	1833
LEO.25	Joy, Charles House	193 Merriam Ave	Leominster	1880
LEO.191	Kendall Hall	534 Main St	Leominster	1863

Inv. No.	Property Name	Street	Town	Year
LEO.239	Kendall Tavern	746 West St	Leominster	1785
LEO.4	Kendall, A. Porter House	54 West St	Leominster	1877
LEO.240	Kendall, Samuel House	900 West St	Leominster	1851
LEO.85	Kennedy, Andrew C. House	134 Washington St	Leominster	1880
LEO.55	Kenney, Clesson House	52 Orchard St	Leominster	1890
LEO.75	Killelea, Patrick H. House	50 Washington St	Leominster	1882
LEO.59	Kingman, Edward B. House	72 Orchard St	Leominster	1893
LEO.194	Kinsman, Byrus House	658 Main St	Leominster	1870
LEO.189	Kinsman, Cyrus House	37 River St	Leominster	1840
LEO.230	Lancaster Street School	210 Lancaster St	Leominster	1900
LEO.211	Lane, Fred M. - Guillardet, Phillipe House	160 Mechanic St	Leominster	1885
LEO.119	Lane, Josiah - Wetherbee, William House	16 Walnut St	Leominster	1842
LEO.22	Laserte, Agnes House	181 Merriam Ave	Leominster	1880
LEO.931	Lawrence Street Railroad Bridge	Lawrence St	Leominster	1917
LEO.87	Leavitt, Henry B. House	235 Washington St	Leominster	1926
LEO.181	Leominster #6 School	3 Wachusett St	Leominster	1851
LEO.153	Leominster #8 Schoolhouse	51 Franklin St	Leominster	1806
LEO.925	Leominster Common	Monument Sq	Leominster	
LEO.282	Leominster Depot	0 Merriam Ave	Leominster	1878
LEO.236	Leominster High School	261 West St	Leominster	1904
LEO.277	Leominster Police Station	29 Church St	Leominster	1962
LEO.286	Leominster Public Library	30 West St	Leominster	1910
LEO.910	Library Marker	West St	Leominster	1966
LEO.187	Lincoln Homestead	301 Union St	Leominster	1774
LEO.E	Lincoln Terrace		Leominster	
LEO.186	Lincoln, Edward K. House	226 Union St	Leominster	1820

Inv. No.	Property Name	Street	Town	Year
LEO.61	Litch, Alfred N. House	79 Orchard St	Leominster	1890
LEO.111	Lockey, John H. - Phelps, Louis House	108 Main St	Leominster	1867
LEO.8	Lockey, John M. House	69 West St	Leominster	1882
LEO.124	Lockey, Joseph P. House	45 Walnut St	Leominster	1868
LEO.64	Lothrop, Frank A. House	90 Orchard St	Leominster	1890
LEO.68	Lothrop, Philip House	9 Washington St	Leominster	1878
LEO.129	Lowe, Lucian W. House	174 Walnut St	Leominster	1897
LEO.D	Lower Central and Lancaster Streets District		Leominster	
LEO.18	Lusk, Agnes A. House	137 Merriam Ave	Leominster	1880
LEO.88	Lyon, Albert E. House	1 Arlington St	Leominster	1876
LEO.933	Main Street Bridge over North Nashua River	Main St	Leominster	1872
LEO.930	Main Street Railroad Bridge	Main St	Leominster	1917
LEO.66	Marshall, Alvin House	99 Orchard St	Leominster	1885
LEO.200	Marshall, Joseph House	14 Prospect St	Leominster	1825
LEO.274	Mayo Block	38 Main St	Leominster	1909
LEO.131	McDonald, George House	11 Richardson St	Leominster	1882
LEO.290	McGrath Block	1 Main St	Leominster	1899
LEO.288	McGrath Block, Old	2 Monument Sq	Leominster	1890
LEO.225	McNevin, John J. House	11 Sixth St	Leominster	1905
LEO.138	Merrick, Michael House	107 Cottage St	Leominster	1880
LEO.70	Miller, Joel D. House	29 Washington St	Leominster	1878
LEO.35	Miller, Stephen A. House	43 Grove Ave	Leominster	1880
LEO.929	Monoosnoc Bridge	Mount Elam Rd	Leominster	1966
LEO.K	Monument Square Historic District		Leominster	
LEO.27	Morhons House	12-14 School St	Leominster	1882
LEO.145	Morse's County Store	118 Exchange St	Leominster	1840
LEO.146	Morse, G. and A. Worker Housing	10 Birch St	Leominster	1848

Inv. No.	Property Name	Street	Town	Year
LEO.C	Morseville		Leominster	
LEO.283	Municipal Building	25 West St	Leominster	1915
LEO.110	Newman House	90 Main St	Leominster	1840
LEO.183	Nichols, Daniel House	65 Wachusett St	Leominster	1752
LEO.1	Nichols, E. H. House	40 West St	Leominster	1840
LEO.275	Nickerson Building	26 Main St	Leominster	1891
LEO.I	No Town		Leominster	
LEO.G	North Leominster		Leominster	
LEO.203	Nutting, John C. House	280 Prospect St	Leominster	1825
LEO.285	Orthodox Congregational Church	26 West St	Leominster	1872
LEO.80	Osborn, Clarence W. House	65 Washington St	Leominster	1880
LEO.99	Page, Willard House	43 Blossom St	Leominster	1877
LEO.142	Patch, Oliver House	16 Pearl St	Leominster	1876
LEO.226	Patiente - Lanzi House	252 Sixth St	Leominster	1902
LEO.168	Perla, Ascenzio House	37 Castle St	Leominster	1933
LEO.132	Perry, Crocker and Company Leominster Mills	20 Pond St	Leominster	1865
LEO.60	Perry, Frederick L. House	73 Orchard St	Leominster	1895
LEO.193	Pierce School	593 Main St	Leominster	1887
LEO.197	Pierce, Asa Jr. House	700 Main St	Leominster	1800
LEO.89	Pierce, Charles Sumner - Packard, Freemont House	7-9 Arlington St	Leominster	1881
LEO.800	Pine Grove Cemetery	Tremaine St	Leominster	1742
LEO.2	Piper, Porter House	48 West St	Leominster	1842
LEO.144	Pitts, William and Seth Nail Shop	96 Exchange St	Leominster	1860
LEO.937	Pleasant Street Bridge over Monoosnoc Brook	Pleasant St	Leominster	1863
LEO.909	Police Department Monument	Church St	Leominster	1959
LEO.B	Pond, Cottage, Cotton, Pearl Streets District		Leominster	

Inv. No.	Property Name	Street	Town	Year
LEO.79	Porter, George A. House	64 Washington St	Leominster	1900
LEO.234	Priest Street School	115 Priest St	Leominster	1893
LEO.195	Putnam, Samuel House	668 Main St	Leominster	1840
LEO.222	Quint, Arthur H. - Proulx, George E. House	116 Fourth St	Leominster	1928
LEO.23	Reed, George P. House	182 Merriam Ave	Leominster	1880
LEO.244	Reed, W. S. Toy Company	45 Summer St	Leominster	1879
LEO.280	Rialto Theater	53 Main St	Leominster	1923
LEO.223	Rice, Alton House	25 Fifth St	Leominster	1893
LEO.65	Rice, George L. House	91 Orchard St	Leominster	1891
LEO.128	Richardson Apartment Block	143-145 Walnut St	Leominster	1900
LEO.301	Richardson Building	18-22 Main St	Leominster	1904
LEO.82	Richardson, Everett B. House	80 Washington St	Leominster	1912
LEO.42	Richardson, Silas House	184 Grove Ave	Leominster	1826
LEO.39	Ricker, John W. House	79 Grove Ave	Leominster	1915
LEO.118	Robbins Homestead, Old	162 North Main St	Leominster	1741
LEO.30	Robbins, Walter T. House	36 School St	Leominster	1842
LEO.165	Robichaud, Patrick House	100 Lincoln Terr	Leominster	1898
LEO.93	Rodgers, William House	12 Vine St	Leominster	1886
LEO.214	Rousseau, Orvid House	199-201 Mechanic St	Leominster	1911
LEO.100	Rowley, Frederick House	47 Blossom St	Leominster	1906
LEO.40	Rugg, Andrew J. House	84 Grove Ave	Leominster	1880
LEO.913	Rugg, Elizabeth Marker	Tremaine St	Leominster	1912
LEO.19	Russell, Charles J. House	143 Merriam St	Leominster	1880
LEO.213	Saint Cecilia's Church	Mechanic St	Leominster	1933
LEO.112	Saint Leo's Convent	118 Main St	Leominster	1930
LEO.113	Saint Leo's Convent School	118 Main St	Leominster	1925
LEO.114	Saint Leo's Roman Catholic Church	128 Main St	Leominster	1900

Inv. No.	Property Name	Street	Town	Year
LEO.7	Saint Mark's Episcopal Church	60 West St	Leominster	1900
LEO.205	Saxton Trade High School	305 Whitney St	Leominster	1914
LEO.157	Scanlon, John F. House	161 Central St	Leominster	1862
LEO.902	Second Meetinghouse Marker	Main St	Leominster	1915
LEO.62	Shapley, Charles H. House	82 Orchard St	Leominster	1870
LEO.37	Shaw, Francis H. House	59 Grove Ave	Leominster	1876
LEO.54	Shaw, Frank J. House	42 Orchard St	Leominster	1909
LEO.150	Sheldon, Pelatiah House	495 Elm St	Leominster	1820
LEO.130	Smith, George H. House	185 Walnut St	Leominster	1897
LEO.38	Smith, Henry R. House	72 Grove Ave	Leominster	1908
LEO.52	Smith, Henry R. House	34 Orchard St	Leominster	1877
LEO.F	South Leominster		Leominster	
LEO.905	Spanish American War Monument	West St	Leominster	1929
LEO.103	Spaulding, Benjamin B. House	56-58 Blossom St	Leominster	1875
LEO.92	Stearns, Caroline House	146 Arlington St	Leominster	1895
LEO.56	Stiles, William F. House	56 Orchard St	Leominster	1889
LEO.125	Suhlke, Frederick House	63 Walnut St	Leominster	1880
LEO.231	Swett, Greenleaf L. House	56 Mount Pleasant Ave	Leominster	1867
LEO.143	Taft, Oscar Alexander House	61 Pearl St	Leominster	1891
LEO.246	Taintor, E. House	152 Prospect St	Leominster	1720
LEO.116	Taylor, Margaret House	90 North Main St	Leominster	1880
LEO.78	Tenney, Clement H. House	61 Washington St	Leominster	1882
LEO.90	Tenney, Francis W. House	30 Arlington St	Leominster	1898
LEO.219	Thibault, Wilfred House	107 Second St	Leominster	1931
LEO.5	Tisdale, Albert A. House	55 West St	Leominster	1895
LEO.209	Tisdale, Andrew House	112 Spruce St	Leominster	1880

Inv. No.	Property Name	Street	Town	Year
LEO.155	Tisdale, George E. House	137 Central St	Leominster	1862
LEO.45	Todd House	5 Gardner Pl	Leominster	1894
LEO.270	U. S. Post Office - Leominster Main Branch	68 Main St	Leominster	1928
LEO.228	Valentine, Richard House	240 Seventh St	Leominster	1927
LEO.163	Valeri, Ascenzio - DiPaoli, Chester House	70 Lincoln Terr	Leominster	1932
LEO.164	Valeri, Giuseppe House	74 Lincoln Terr	Leominster	1910
LEO.904	Veterans Monument	Park St	Leominster	1973
LEO.915	Veterans of Foreign Wars Memorial	Main St	Leominster	1931
LEO.M	Wachusett Shirt Company		Leominster	
LEO.291	Wachusett Shirt Company - Building A	97-100 Water St	Leominster	1887
LEO.292	Wachusett Shirt Company - Building B	97-100 Water St	Leominster	1895
LEO.293	Wachusett Shirt Company - Building C	97-100 Water St	Leominster	1896
LEO.294	Wachusett Shirt Company - Building D	97-100 Water St	Leominster	1887
LEO.295	Wachusett Shirt Company - Building E	97-100 Water St	Leominster	1910
LEO.47	Walker, Alfred L. House	9 Gardner Pl	Leominster	1892
LEO.147	Walsh, David I. Birthplace	30 Birch St	Leominster	1840
LEO.926	Water Street Bridge	Water St	Leominster	1900
LEO.233	Wellington Piano Case Company	54 Green St	Leominster	1895
LEO.51	Wellington, Frank E. House	25 Orchard St	Leominster	1906
LEO.A	West Side District		Leominster	
LEO.190	Weston, William S. House	512-514 Main St	Leominster	1845
LEO.48	Wetherbee House	12 Orchard St	Leominster	1900
LEO.J	Whalom		Leominster	
LEO.123	Whitcomb, Cornelius A. House	31 Walnut St	Leominster	1868
LEO.184	Whitcomb, Josiah House	54 Lowe St	Leominster	1823
LEO.265	Whitney and Company	142 Water St	Leominster	1893
LEO.L	Whitney, F. A. Carriage Co. Complex District		Leominster	

Inv. No.	Property Name	Street	Town	Year
LEO.256	Whitney, F. A. Carriage Company - Acid Shed	124 Water St	Leominster	1930
LEO.261	Whitney, F. A. Carriage Company - Auto Sales Offic	124 Water St	Leominster	1955
LEO.252	Whitney, F. A. Carriage Company - Celluloid Storag	124 Water St	Leominster	1915
LEO.923	Whitney, F. A. Carriage Company - Chainlink Fence	124 Water St	Leominster	
LEO.922	Whitney, F. A. Carriage Company - Dam	124 Water St	Leominster	1872
LEO.254	Whitney, F. A. Carriage Company - Dry Shed	124 Water St	Leominster	1943
LEO.253	Whitney, F. A. Carriage Company - Drying Kiln	124 Water St	Leominster	1944
LEO.263	Whitney, F. A. Carriage Company - Engine	124 Water St	Leominster	1922
LEO.924	Whitney, F. A. Carriage Company - Footbridge	124 Water St	Leominster	1930
LEO.257	Whitney, F. A. Carriage Company - Garage	124 Water St	Leominster	1924
LEO.921	Whitney, F. A. Carriage Company - Iron Fence	124 Water St	Leominster	1909
LEO.250	Whitney, F. A. Carriage Company - Lumber Shed	124 Water St	Leominster	1884
LEO.262	Whitney, F. A. Carriage Company - Mill Bldg. #14	124 Water St	Leominster	1935
LEO.206	Whitney, F. A. Carriage Company - Mill Building #1	124 Water St	Leominster	1917
LEO.207	Whitney, F. A. Carriage Company - Mill Building #2	124 Water St	Leominster	1872
LEO.302	Whitney, F. A. Carriage Company - Mill Building #3	124 Water St	Leominster	1914
LEO.248	Whitney, F. A. Carriage Company - Mill Building #4	124 Water St	Leominster	1920
LEO.249	Whitney, F. A. Carriage Company - Mill Building #5	124 Water St	Leominster	1870
LEO.251	Whitney, F. A. Carriage Company - Mill Building #7	124 Water St	Leominster	1909
LEO.920	Whitney, F. A. Carriage Company - Overhead Bridge	124 Water St	Leominster	1910
LEO.255	Whitney, F. A. Carriage Company - Power Plant	124 Water St	Leominster	1900
LEO.932	Whitney, F. A. Carriage Company - Power Shed Site	124 Water St	Leominster	1872
LEO.300	Whitney, F. A. Carriage Company - Storage - Packin	124 Water St	Leominster	1914
LEO.260	Whitney, F. A. Carriage Company - Storage Shed #7A	124 Water St	Leominster	1909
LEO.258	Whitney, F. A. Carriage Company - Warehouse	124 Water St	Leominster	1929
LEO.17	Whitney, F. A. House	127 Merriam Ave	Leominster	1860

Inv. No.	Property Name	Street	Town	Year
LEO.20	Whitney, Frank J. House	149 Merriam Ave	Leominster	1895
LEO.31	Whitney, William B. House	6 Grove Ave	Leominster	1880
LEO.198	Wilder, David House	901 Main St	Leominster	1820
LEO.185	Wilder, Edward House	Hill St	Leominster	1785
LEO.177	Wilder, Elisha House	807 Pleasant St	Leominster	1734
LEO.104	Wilder, Harry C. House	74 Blossom St	Leominster	1880
LEO.914	Willard Memorial	Main St	Leominster	1903
LEO.126	Williams, Albert W. House	104 Walnut St	Leominster	1874
LEO.127	Williams, Tyler F. House	108 Walnut St	Leominster	1880
LEO.29	Williard, Lucy House	24 School St	Leominster	1882
LEO.289	Wood Block	14 Monument Sq	Leominster	1890
LEO.106	Woods, Deborah M. House	102 Blossom St	Leominster	1905
LEO.175	Woods, George House	547 Pleasant St	Leominster	1825
LEO.67	Woodward, Charles E. House	2 Washington St	Leominster	1895
LEO.906	World War I Monument	West St	Leominster	1928

ATTACHMENT E

Streamflow Statistics Report

Date: Thu Apr 26 2007 08:10:19
Site Location: Massachusetts
Drainage Area: 0.15 mi2
Latitude (NAD83): 42.5056 (42 30 19)
Longitude (NAD83): -71.7494 (-71 44 57)

Low Flow Basin Characteristics

100% Statewide Low Flow (0.15 mi2)

Parameter	Value	Min	Max
Drainage Area (square miles)	0.15 (below min value 1.61)	1.61	149
Mean Basin Slope from 250K DEM (percent)	3.53	0.32	24.6
Stratified Drift per Stream Length (square mile per mile)	0.24	0	1.29
Massachusetts Region (dimensionless)	0	0	1

Warning: Some parameters are outside the suggested range. Estimates will be extrapolations with unknown errors.

Streamflow Statistics

Statistic	Flow (ft^3/s)	Prediction Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
				Minimum	Maximum
D50	0.14				
D60	0.0912				
D70	0.0542				
D75	0.0412				
D80	0.0409				
D85	0.029				
D90	0.0241				
D95	0.0124				
D98	0.00753				
D99	0.00501				
Low-Flow Statistics					
M7D2Y	0.0113				
AUGD50	0.0301				
M7D10Y	0.00465				

StreamStats - Leominster