CORPORATE ENVIRONMENTAL ADVISORS, INC.

PROUDLY CELEBRATING 20 YEARS Of Outstanding Service 1985 - 2005

MAG 9/0219

April 7, 2006

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

RE: General Permit Notice of Change Submittal
59 Water Avenue
Everett, Massachusetts
DEP Release Tracking No. 3-18293

To Whom It May Concern:

On behalf of RCG LLC, Corporate Environmental Advisors, Inc. (CEA) is submitting this Notice of Intent (NOI) for a Remediation General Permit for the above-referenced site. The NOI is being submitted in accordance with the new Remediation General Permit (RGP). If you have any questions, please feel free to contact the undersigned at 508-835-8822.

Sincerely,
Corporate Environmental Advisors, Inc.

Michael H. Coté
Assistant Project Manager

cc: Alex Steinbergh, Manager, RCG LLC.
Bureau of Waste Site Cleanup, MADEP NERO
CEA File No. 5475-04

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**: Former Tillotson Rubber Company		**Facility/site** address:		
Location of **facility/site**: longitude: 71°03'52.5" latitude: 42° 24' 29.2"	Facility SIC code (s):	Street: 59 Waters Avenue		
b) Name of facility/site **owner**: RCG LLC		Town: Everett		
Email address of owner: ASteinbergh@RCG LLC.com		State: MA	Zip: 02149	County: Middlesex
Telephone no. of facility/site **owner**: (617) 625-8315				
Fax no. of facility/site **owner**: (617) 625-8315		**Owner** is (check one) 1. Federal ☐ 2. State/Tribal ☐ 3. Private ☐ 4. other, ☒ if so, describe: Corporation		
Address of **owner** (if different from site):				
Street: 17 Ivaloo Street, Suite 100				
Town: Somerville	State: MA	Zip: 02143	County: Middlesex	
c.) Legal name of **operator**: Corporate Environmental Advisors, Inc.	**Operator** telephone no.: 508-835-8822			
	Operator fax no.: 508-835-8812	**Operator** email:		
Operator contact name and title: Mike Cote				
Address of **operator** (if different from owner):	Street: 127 Hartwell Street			
Town: West Boylston	State: MA	Zip: 01583	County: Worcester	

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? Yes ☐ No ☒, if Y, number: 2. phase I or II construction storm water general permit? Yes ☐ No ☒, if Y, number: 3. individual NPDES permit? Yes ☐ No ☒, if Y, number: 4. any other water quality related permit? Yes ☐ No ☒, 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: Excavation Dewatering		
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, W/s)? Max. flow 0.334 ft^3/sec Average flow 0.279 ft^3/sec Is maximum flow a **design value**? Yes ☐ No ☒, For average flow, include the units and appropriate notation if this value is a design value or estimate if not available. Average flow 0.279 ft^3/sec (estimated)
3) Latitude and longitude of each discharge within 100 feet: pt.1 :long. 71°03'52.5" lat. 42° 24' 29.2" ; 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.		

latitude: 42° 24' 29.2"

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 04/03/2006 end unknown	
d) Please attach a line drawing or flow schematic showing water flow through the facility including: See attached figures 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 (ug/l)	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass ~~(kg)~~ (kg/day)	concentration (ug/l)	mass ~~(kg)~~ (kg/day)
1. Total Suspended Solids		√	1	GRAB	SM2540D	5000	231,000	155.26		
2. Total Residual Chlorine	√									
3. Total Petroleum Hydrocarbons		√	1	GRAB	504.1	200	300	0.2		
4. Cyanide	√		1	GRAB	9012A	10	<10	<0.007		
5. Benzene		√	1	GRAB	8260B	0.5	0.6	<0.0004		
6. Toluene		√	1	GRAB	8260B	0.5	<0.5	<0.0003		
7. Ethylbenzene		√	1	GRAB	8260B	0.5	<0.5	<0.0003		
8. (m,p,o) Xylenes		√	1	GRAB	8260B	0.5	0.6	<0.0004		
9. Total BTEX[4]		√	1	GRAB	8260B	-----	1.2	<0.0008		

[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 (ug/l)	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass ~~(kg)~~ (kg/day)	concentration (ug/l)	mass ~~(kg)~~ (kg/day)
10. Ethylene Dibromide (1,2- Dibromo-methane)	√									
11. Methyl-tert-Butyl Ether (MtBE)		√	1	GRAB	8260B	0.5	<0.5	<0.0003		
12. tert-Butyl Alcohol (TBA)	√		1	GRAB	8260B	10	<10	<0.007		
13. tert-Amyl Methyl Ether (TAME)	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
14. Naphthalene		√	1	GRAB	8260B	0.5	0.6	<0.0004		
15. Carbon Tetra-chloride		√	1	GRAB	8260B	0.5	<0.5	<0.0003		
16. 1,4 Dichlorobenzene	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
17.1,2 Dichlorobenzene	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
18. 1,3 Dichlorobenzene	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
19. 1,1 Dichloroethane	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
20. 1,2 Dichloroethane	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
21. 1,1 Dichloroethylene	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
22. cis-l,2 Dichloro-ethylene	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
23. Dichloromethane (Methylene Chloride)	√		1	GRAB	8260B	1.0	<1.0	<0.0007		
24. Tetrachloroethylene	√		1	GRAB	8260B	0.5	<0.5	<0.0003		

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 (ug/l)	Maximum daily value		Avg. daily Value	
							concentration (ug/l)	mass ~~(kg)~~ (kg/day)	concentration (ug/l)	mass ~~(kg)~~ (kg/day)
25. 1,1,1 Trichloroethane	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
26. 1,1,2 Trichloroethane	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
27. Trichloroethylene	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
28. Vinyl Chloride	√		1	GRAB	8260B	0.5	<0.5	<0.0003		
29. Acetone		√	1	GRAB	8260B	10	12.7	0.009		
30. 1,4 Dioxane	√		1	GRAB	8260B	20	<20	<0.0007		
31. Total Phenols	√		1	GRAB	625	See lab data	See lab data (Not Detected)	-----		
32. Pentachlorophenol	√		1	GRAB	625	1	<1	0.0007		
33. Total Phthalates [6] (phthalate esthers)		√	1	GRAB	625	30	17.8	0.012		
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]		√	1	GRAB	625	5	17.8	0.012		
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	√		1	GRAB	625	40	<40	<0.027		
a. Benzo(a) Anthracene	√		1	GRAB	625	5	<5	<0.0034		
b. Benzo(a) Pyrene	√		1	GRAB	625	5	<5	<0.0034		
c. Benzo(b)Fluoranthene	√		1	GRAB	625	5	<5	<0.0034		
d. Benzo(k) Fluoranthene	√		1	GRAB	625	5	<5	<0.0034		
e. Chrysene	√		1	GRAB	625	5	<5	<0.0034		

[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 (ug/l)	Maximum daily value		Average daily value	
							concentration (ug/l)	mass ~~(kg)~~ (kg/day)	concentration (ug/l)	mass ~~(kg)~~ (kg/day)
f. Dibenzo(a,h) anthracene	√		1	GRAB	625	5 5	<5 <5	<0.0034		
g. Indeno(1,2,3-cd) Pyrene	√		1	GRAB	625	5	<5	<0.0034		
36. Total Group II Polycyclic Aromatic Hydrocarbons (pAR)	√		1	GRAB	625	34	3.51	0.0024		
h. Acenaphthene	√		1	GRAB	625	1	1.68	0.0011		
i. Acenaphthylene	√		1	GRAB	625	5	<5	<0.0034		
j. Anthracene	√		1	GRAB	625	5	<5	<0.0034		
k. Benzo(ghi) Perylene	√		1	GRAB	625	5	<5	<0.0034		
I. Fluoranthene	√		1	GRAB	625	1	1.83	0.0012		
m. Fluorene	√		1	GRAB	625	5	<5	0.0034		
n. Naphthalene-	√		1	GRAB	625	2	<2	<0.0013		
o. Phenanthrene	√		1	GRAB	625	5	<5	<0.0034		
p. Pyrene	√		1	GRAB	625	5	<5	<0.0034		
37. Total Polychlorinated Biphenyls (PCBs)	√		1	GRAB	608	0.868	<0.868	<0.0006		
38. Antimony	√		1	GRAB	200	12	<12	<0.0081		
39. Arsenic	√		1	GRAB	200	4.0	13.2	0.0089		
40. Cadmium	√		1	GRAB	200	2.5	<2.5	<0.0017		
41. Chromium III (1)	√									
42. Chromium VI	√									

NOTES: (1) Chromium III = Total Chromium – Hexavalent Chromium

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 (ug/l)	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass ~~(kg)~~ (kg/day)	concentration (ug/l)	mass ~~(kg)~~ (kg/day)
43. Copper		√	1	GRAB	200	5	14	0.0094		
44. Lead		√	1	GRAB	200	3	459	0.31		
45. Mercury		√	1	GRAB	200	0.20	0.93	0.0006		
46. Nickel		√	1	GRAB	200	5	31.2	0.021		
47. Selenium	√		1	GRAB	200	15	<15	<0.0101		
48. Silver	√		1	GRAB	200	10	<10	<0.0067		
49. Zinc		√	1	GRAB	200	5	458	0.308		
50. Iron		√	1	GRAB	200	5	31.1	0.021		
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 Zinc, Lead, Arsenic, Copper, Mercury, Nickel, Iron .
Step 2: For any metals which have **reasonable potential** to exceed the **Appendix III** limits, calculate the **dilution factor (DF)** using the formula in Part I.A.3.c) (step 2) of the NOI instructions or as determined by the State prior to the submission of this NOI. What is the dilution factor for applicable metals? Metals: ____ . DF: Not Applicable, wetland	Look up the limit calculated at the corresponding dilution factor in **Appendix IV**. Do any of the metals in the **influent** have the potential to exceed the corresponding **effluent** limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y ☐ N ☐ If "Yes," list which metals: _____ .

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

a) A description of the treatment system, including a schematic of the proposed or existing treatment system:
Groundwater is extracted from multiple recovery wells or sumps and treated by one bag filter, and two granular activated carbon units. See Figure 2B.

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 125 GPM Maximum flow rate of treatment system 150 GPM Design flow rate of treatment system 150 GPM

d) A description of chemical additives being used or planned to be used (attach MSDS sheets): Not Applicable

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

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:
Discharge to storm drain pipe beneath Tremont Street, which discharges to town drain easement at Pearl St, to unnamed creek and Malibu River.

c) Attach a detailed map(s) indicating the site location and location of the outfall to the receiving water:
1. For multiple discharges, number the discharges sequentially.
2. For indirect dischargers, indicate the location of the discharge to the indirect conveyance and the discharge to surface water
The map should also include the location and distance to the nearest sanitary sewer as well as the locus of nearby sensitive receptors (based on USGS topographical mapping), such as surface waters, drinking water supplies, and wetland areas. See Figure 3 and June 21, 2005 Map

d) Provide the state water quality classification of the receiving water Class B (freshwater)

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

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

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? Yes ☐ 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): Not applicable

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.

See cover letter.

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:

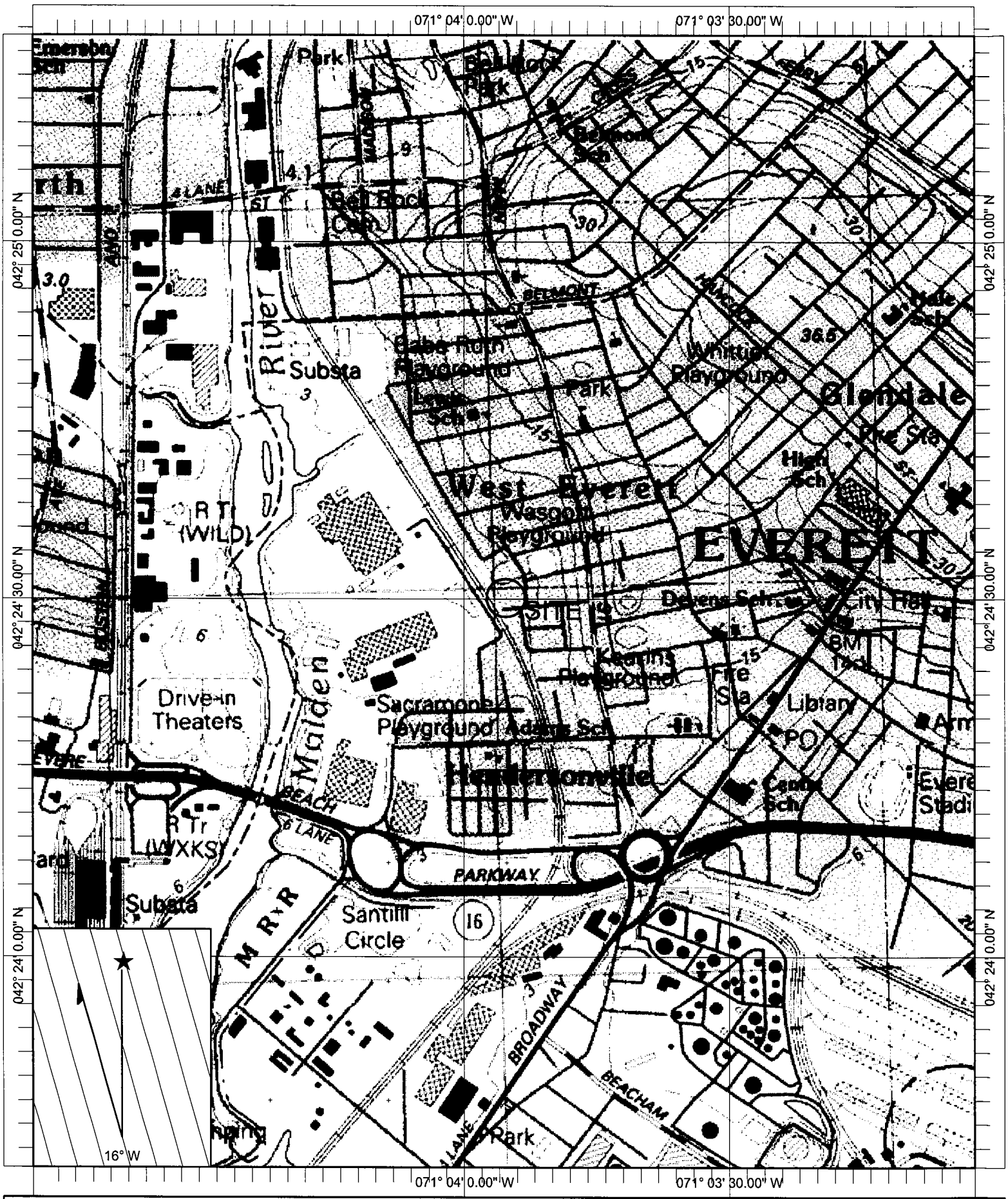
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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: Parkside Lofts

Operator signature: [signature]

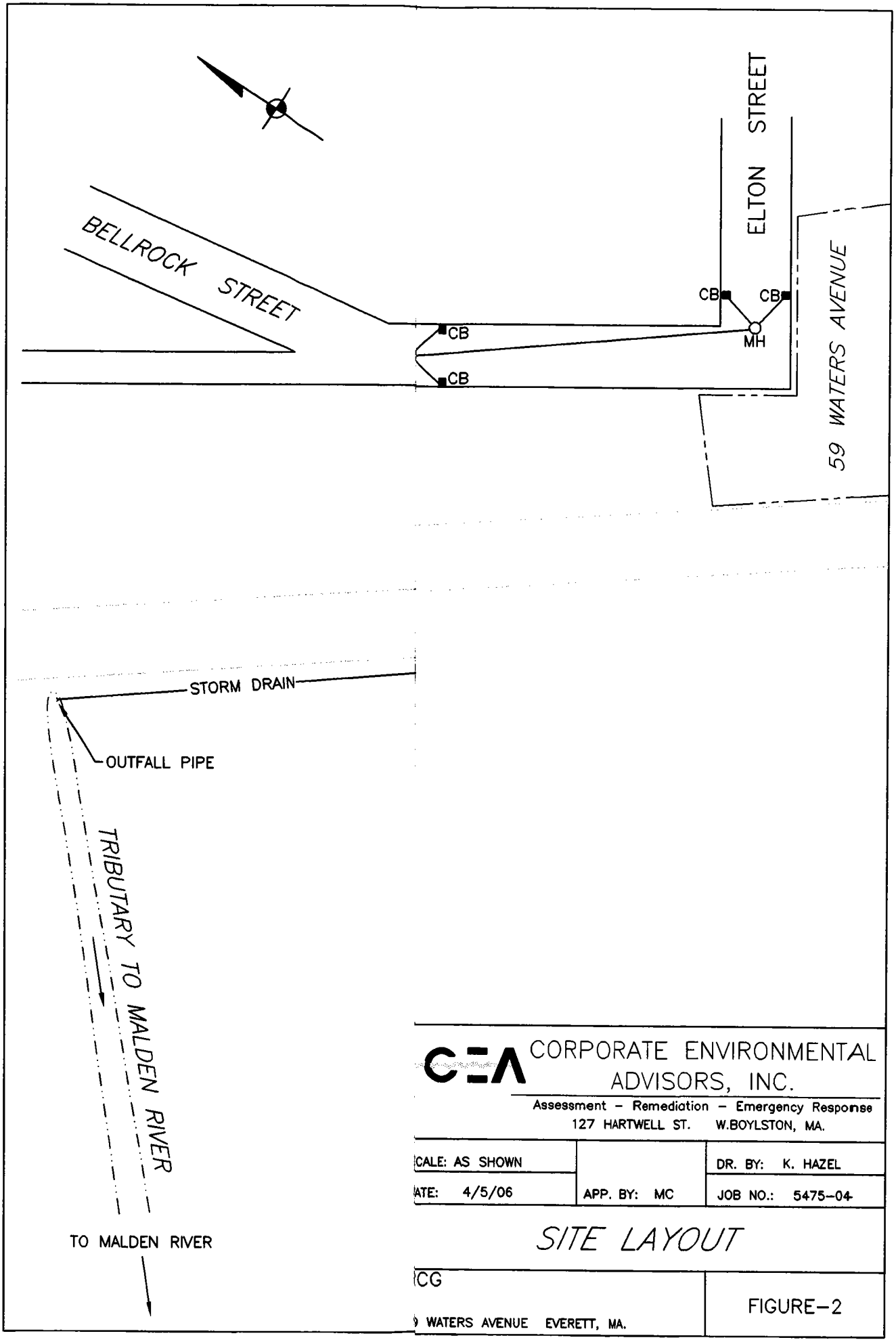
Title: Assistant Project Manager

Date: 4/6/06



Name: BOSTON NORTH
Date: 1/9/2006
Scale: 1 inch equals 1000 feet

Location: 042° 24' 29.9" N 071° 03' 55.5" W
Caption: 59 Waters Avenue
Everett, MA



CORPORATE ENVIRONMENTAL ADVISORS, INC.

Assessment – Remediation – Emergency Response
127 HARTWELL ST. W.BOYLSTON, MA.

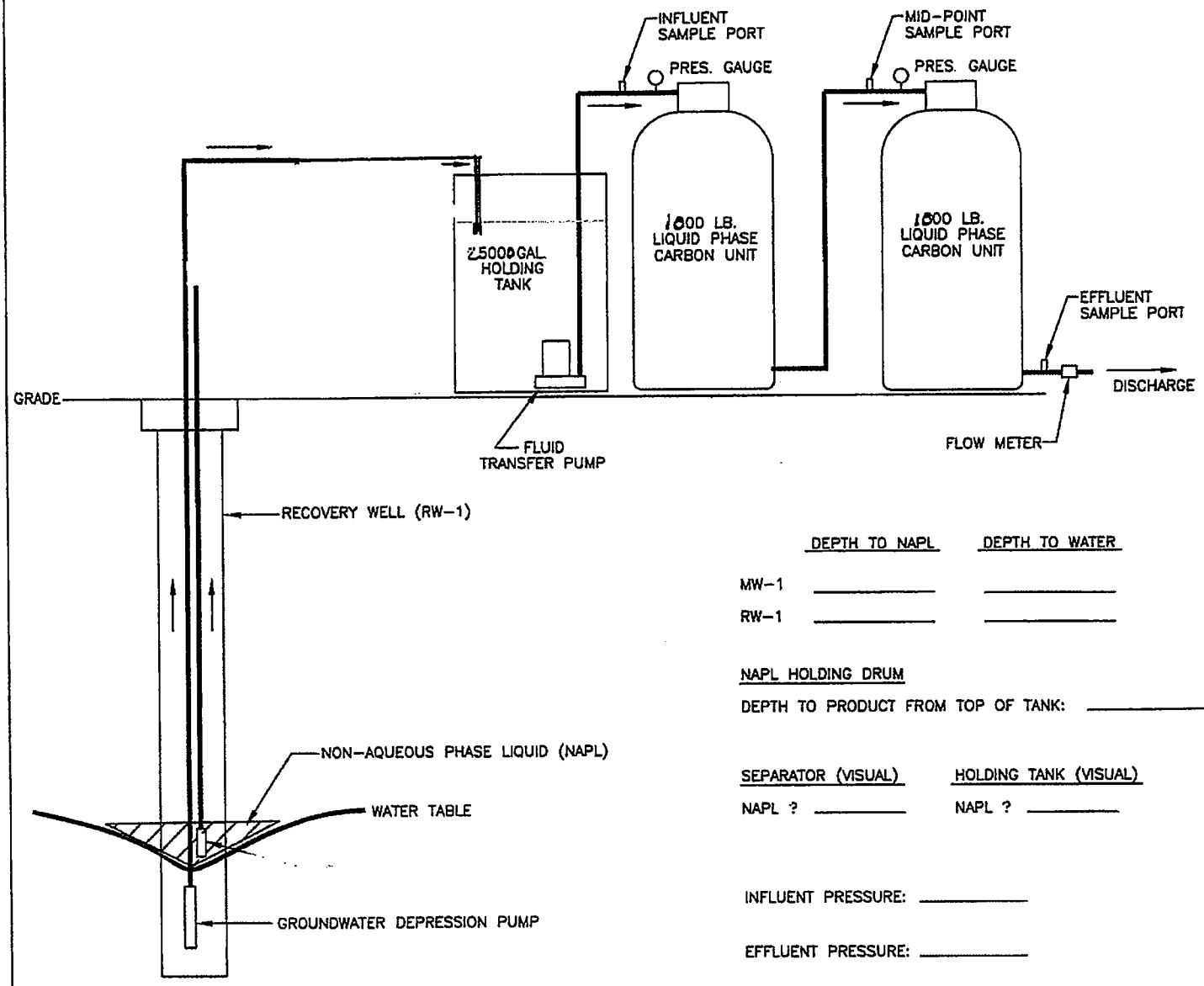
CALE: AS SHOWN		DR. BY: K. HAZEL
ATE: 4/5/06	APP. BY: MC	JOB NO.: 5475-04

SITE LAYOUT

CG

) WATERS AVENUE EVERETT, MA.

FIGURE–2



	DEPTH TO NAPL	DEPTH TO WATER
MW-1		
RW-1		

NAPL HOLDING DRUM

DEPTH TO PRODUCT FROM TOP OF TANK: _____

SEPARATOR (VISUAL)	HOLDING TANK (VISUAL)
NAPL ? _____	NAPL ? _____

INFLUENT PRESSURE: _____

EFFLUENT PRESSURE: _____

FLOW METER (TOTALIZER): _____

DATE: TECH NAME:

CORPORATE ENVIRONMENTAL ADVISORS, INC.

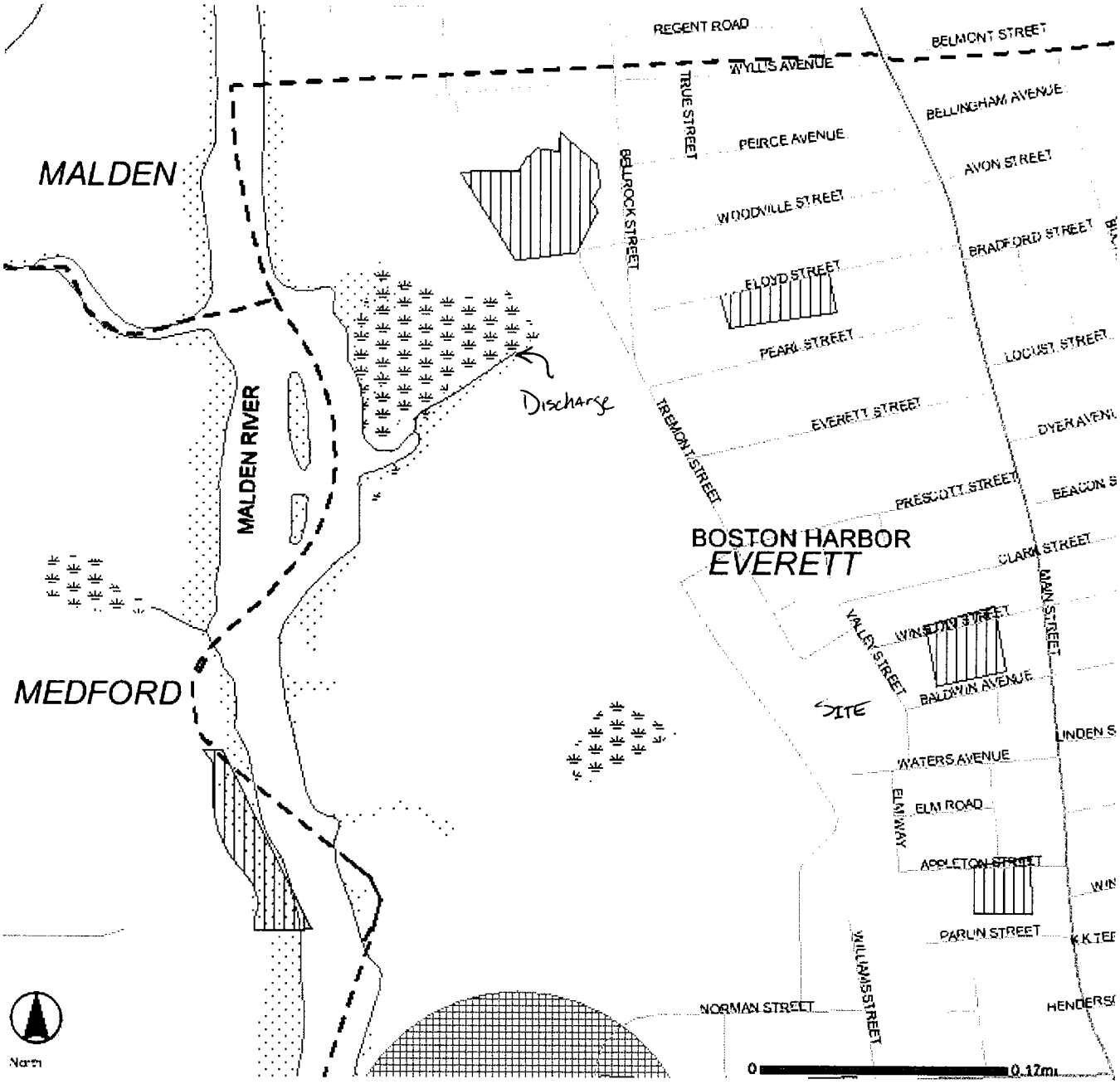
Assessments – Remediation – Emergency Response

127 HARTWELL ST W.BOYLSTON, MA.

SCALE: NOT TO SCALE		DR. BY: K. HAZEL
DATE: 10/2/03	APP. BY: MC	JOB NO.:

PROCESS AND INSTRUMENTATION DIAGRAM

FIGURE-4


MALDEN
MEDFORD
MALDEN RIVER
Discharge
REGENT ROAD
BELMONT STREET
WYLLIS AVENUE
TRUE STREET
BELLINGHAM AVENUE
PEIRCE AVENUE
AVON STREET
BELLROCK STREET
WOODVILLE STREET
BRADFORD STREET
FLOYD STREET
PEARL STREET
LOCUST STREET
TREMONT STREET
EVERETT STREET
DYER AVENU
PRESCOTT STREET
BEACON S
BOSTON HARBOR
EVERETT
CLARK STREET
MAIN STREET
VALEN STREET
WINSTON STREET
BALDWIN AVENUE
SITE
LINDEN S
WATERS AVENUE
ELM WAY
ELM ROAD
APPLETON STREET
PARLIN STREET
WILLIAMS STREET
NORMAN STREET
North
0
0.12mi

Report Date:
27-Feb-06 11:23

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

CEA, Inc.
127 Hartwell Street
West Boylston, MA 01583
Attn: Mike Bingham

Project: RCG-Everett, MA
Project #: 5475-05

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA41093-01	B-5A	Ground Water	16-Feb-06 11:00	17-Feb-06 18:37
SA41093-02	B-14	Ground Water	16-Feb-06 14:30	17-Feb-06 18:37

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. All applicable NELAC requirements have been met.
Please note that this report contains 27 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method indicated. Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5A SA41093-01	5475-05	Ground Water	16-Feb-06 11:00	17-Feb-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	12.7		µg/l	10.0	1	SW 846 8260B	24-Feb-06	24-Feb-06	6021444	ks
71-43-2	Benzene	0.6		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	1.0	1	"	"	"	"	"
91-20-3	Naphthalene	0.6		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
95-47-6	o-Xylene	0.6		µg/l	0.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*109*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*88.6*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.4*		*70-130 %*			"	"	"	"	"
VPH Aliphatic/Aromatic Carbon Ranges											
Prepared by method VPH											
	C5-C8 Aliphatic Hydrocarbons	0.152		mg/l	0.0750	5	+MADEP 5/2004 Rev. 1.1	23-Feb-06	24-Feb-06	6021432	JRo
	C9-C12 Aliphatic Hydrocarbons	0.234		mg/l	0.0250	5	"	"	"	"	"
	C9-C10 Aromatic Hydrocarbons	0.348		mg/l	0.0250	5	"	"	"	"	"
	Unadjusted C5-C8 Aliphatic Hydrocarbons	0.152		mg/l	0.0750	5	"	"	"	"	"
	Unadjusted C9-C12 Aliphatic Hydrocarbons	0.582		mg/l	0.0250	5	"	"	"	"	"
VPH Target Analytes											
Prepared by method VPH											
71-43-2	Benzene	BRL		µg/l	5.0	5	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
91-20-3	Naphthalene	56.0		µg/l	5.0	5	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	5.0	5	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	10.0	5	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	5.0	5	"	"	"	"	"
Surrogate recoveries:											

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5A SA41093-01	5475-05	Ground Water	16-Feb-06 11:00	17-Feb-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
VPH Target Analytes											
Prepared by method VPH											
615-59-8	*2,5-Dibromotoluene (FID)*	*91.8*		*70-130 %*			+MADEP 5/2004 Rev. 1.1	23-Feb-06	24-Feb-06	6021432	JRo
615-59-8	*2,5-Dibromotoluene (PID)*	*96.0*		*70-130 %*			"	"	"	"	"
Microextractable Organic Compounds											
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.0100	1	EPA 504.1	23-Feb-06	24-Feb-06	6021332	TG
Extractable Petroleum Hydrocarbons											
EPH Aliphatic/Aromatic Ranges											
Prepared by method Microextr. by 504.1											
	C9-C18 Aliphatic Hydrocarbons	0.5		mg/l	0.2	1	+MADEP 5/2004 R	22-Feb-06	23-Feb-06	6021292	JD
	C19-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
	C11-C22 Aromatic Hydrocarbons	1.2		mg/l	0.2	1	"	"	"	"	"
	Unadjusted C11-C22 Aromatic Hydrocarbons	1.2		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	1.7		mg/l	0.2	1	"	"	"	"	"
	Unadjusted Total Petroleum Hydrocarbons	1.7		mg/l	0.2	1	"	"	"	"	"
EPH Target PAH Analytes											
Prepared by method Microextr. by 504.1											
91-20-3	Naphthalene	BRL		µg/l	6.33	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	23.1		µg/l	6.33	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/l	6.33	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/l	6.33	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	6.33	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	6.33	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	6.33	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	6.33	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	6.33	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.33	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	6.33	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.33	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.33	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.33	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.33	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.33	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.33	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*19.9*	S-GC	*40-140 %*			"	"	"	"	"
84-15-1	*Ortho-Terphenyl*	*45.3*		*40-140 %*			"	"	"	"	"
580-13-2	*2-Bromonaphthalene*	*49.8*		*40-140 %*			"	"	"	"	"
321-60-8	*2-Fluorobiphenyl*	*76.7*		*40-140 %*			"	"	"	"	"
	Non-polar material (SGT-HEM)	1.4		mg/l	1.0	1	EPA 1664	23-Feb-06	24-Feb-06	6021327	JK
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by EPA 608											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.217	1	EPA 608	22-Feb-06	23-Feb-06	6021304	MP
11104-28-2	PCB 1221	BRL		µg/l	0.217	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.217	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.217	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.217	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5A SA41093-01	5475-05	Ground Water	16-Feb-06 11:00	17-Feb-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by EPA 608											
Prepared by method SW846 3510C											
11097-69-1	PCB 1254	BRL		µg/l	0.217	1	EPA 608	22-Feb-06	23-Feb-06	6021304	MP
11096-82-5	PCB 1260	BRL		µg/l	0.217	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.217	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.217	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*35.1*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by EPA 625											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	1.96		µg/l	1.00	1	EPA 625	23-Feb-06	23-Feb-06	6021336	M.B
208-96-8	Acenaphthylene	BRL		µg/l	5.00	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	5.00	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.00	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.00	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.00	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.00	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.00	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	17.8		µg/l	5.00	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.00	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	5.00	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.00	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	2.00	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	2.00	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	2.00	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	5.00	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	5.00	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.00	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.00	1	"	"	"	"	"
206-44-0	Fluoranthene	1.83		µg/l	1.00	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	5.00	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	5.00	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	12.6		µg/l	5.00	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	1.00	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	2.00	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	5.00	1	"	"	"	"	"
108-95-2	Phenol	19.1		µg/l	1.00	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	5.00	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5A SA41093-01	5475-05	Ground Water	16-Feb-06 11:00	17-Feb-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by EPA 625											
Prepared by method SW846 3510C											
110-86-1	Pyridine	BRL		µg/l	5.00	1	EPA 625	23-Feb-06	23-Feb-06	6021336	M.B
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61.4*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*36.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*57.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*19.8*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*73.1*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*72.2*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0100	1	EPA 200.7	22-Feb-06	24-Feb-06	6021274	RLT
7440-38-2	Arsenic	0.0132		mg/l	0.0040	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0409		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	0.140		mg/l	0.0050	1	"	"	24-Feb-06	"	"
7439-89-6	Iron	31.1		mg/l	0.0050	1	"	"	24-Feb-06	"	"
7439-97-6	Mercury	0.00093		mg/l	0.00020	1	EPA 245.2/7470A	"	24-Feb-06	6021276	YP
7440-02-0	Nickel	0.0312		mg/l	0.0050	1	EPA 200.7	"	24-Feb-06	6021274	RLT
7439-92-1	Lead	0.459		mg/l	0.0030	1	"	"	"	"	"
7440-36-0	Antimony	BRL		mg/l	0.0120	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.458		mg/l	0.0050	1	"	"	"	"	"
General Chemistry Parameters											
57-12-5	Cyanide (total)	BRL		mg/l	0.0100	1	10-204-00-1-A / SW-846 9012A	24-Feb-06	24-Feb-06	6021468	AW
	Total Suspended Solids	231		mg/l	5.00	1	SM2540D	23-Feb-06	24-Feb-06	6021406	EK

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 SA41093-02	5475-05	Ground Water	16-Feb-06 14:30	17-Feb-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
VPH Aliphatic/Aromatic Carbon Ranges											
Prepared by method VPH											
	C5-C8 Aliphatic Hydrocarbons	BRL		mg/l	0.0750	5	+MADEP 5/2004 Rev. 1.1	23-Feb-06	24-Feb-06	6021432	JRo
	C9-C12 Aliphatic Hydrocarbons	0.387		mg/l	0.0250	5	"	"	"	"	"
	C9-C10 Aromatic Hydrocarbons	0.319		mg/l	0.0250	5	"	"	"	"	"
	Unadjusted C5-C8 Aliphatic Hydrocarbons	BRL		mg/l	0.0750	5	"	"	"	"	"
	Unadjusted C9-C12 Aliphatic Hydrocarbons	0.706		mg/l	0.0250	5	"	"	"	"	"
VPH Target Analytes											
Prepared by method VPH											
71-43-2	Benzene	BRL		µg/l	5.0	5	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.0	5	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	5.0	5	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	10.0	5	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	5.0	5	"	"	"	"	"
Surrogate recoveries:											
615-59-8	*2,5-Dibromotoluene (FID)*	*130*		*70-130 %*			"	"	"	"	"
615-59-8	*2,5-Dibromotoluene (PID)*	*97.6*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
EPH Aliphatic/Aromatic Ranges											
Prepared by method Microextr. by 504.1											
	C9-C18 Aliphatic Hydrocarbons	0.3		mg/l	0.2	1	+MADEP 5/2004 R	22-Feb-06	23-Feb-06	6021292	JD
	C19-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
	C11-C22 Aromatic Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
	Unadjusted C11-C22 Aromatic Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	0.3		mg/l	0.2	1	"	"	"	"	"
	Unadjusted Total Petroleum Hydrocarbons	0.3		mg/l	0.2	1	"	"	"	"	"
EPH Target PAH Analytes											
Prepared by method Microextr. by 504.1											
91-20-3	Naphthalene	BRL		µg/l	6.17	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	6.17	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/l	6.17	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/l	6.17	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	6.17	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	6.17	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	6.17	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	6.17	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	6.17	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.17	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	6.17	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.17	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.17	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.17	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.17	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.17	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.17	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 SA41093-02	5475-05	Ground Water	16-Feb-06 14:30	17-Feb-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Extractable Petroleum Hydrocarbons											
EPH Target PAH Analytes											
Prepared by method Microextr. by 504.1											
Surrogate recoveries:											
3386-33-2	1-Chlorooctadecane	18.0	S-GC	40-140 %			+MADEP 5/2004 R	22-Feb-06	23-Feb-06	6021292	JD
84-15-1	Ortho-Terphenyl	42.0		40-140 %			"	"	"	"	"
580-13-2	2-Bromonaphthalene	74.5		40-140 %			"	"	"	"	"
321-60-8	2-Fluorobiphenyl	87.2		40-140 %			"	"	"	"	"

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021432 - VPH										
Blank (6021432-BLK1)										
Prepared & Analyzed: 24-Feb-06										
C5-C8 Aliphatic Hydrocarbons	BRL		mg/l	0.0750						
C9-C12 Aliphatic Hydrocarbons	BRL		mg/l	0.0250						
C9-C10 Aromatic Hydrocarbons	BRL		mg/l	0.0250						
Unadjusted C5-C8 Aliphatic Hydrocarbons	BRL		mg/l	0.0750						
Unadjusted C9-C12 Aliphatic Hydrocarbons	BRL		mg/l	0.0250						
Benzene	BRL		µg/l	5.0						
Ethylbenzene	BRL		µg/l	5.0						
Methyl tert-butyl ether	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	5.0						
Toluene	BRL		µg/l	5.0						
m,p-Xylene	BRL		µg/l	10.0						
o-Xylene	BRL		µg/l	5.0						
2-Methylpentane	BRL		µg/l	5.0						
n-Nonane	BRL		µg/l	10.0						
n-Pentane	BRL		µg/l	10.0						
1,2,4-Trimethylbenzene	BRL		µg/l	5.0						
2,2,4-Trimethylpentane	BRL		µg/l	5.0						
n-Butylcyclohexane	BRL		µg/l	5.0						
n-Decane	BRL		µg/l	5.0						
Surrogate: 2,5-Dibromotoluene (FID)	*57.7*		µg/l		*50.0*		*115*	*70-130*		
Surrogate: 2,5-Dibromotoluene (PID)	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
LCS (6021432-BS1)										
Prepared & Analyzed: 24-Feb-06										
C5-C8 Aliphatic Hydrocarbons	119		mg/l		140		85.0	70-130		
C9-C12 Aliphatic Hydrocarbons	60.3		mg/l		55.0		110	70-130		
C9-C10 Aromatic Hydrocarbons	41.5		mg/l		40.0		104	70-130		
Unadjusted C5-C8 Aliphatic Hydrocarbons	244		mg/l		280		87.1	70-130		
Unadjusted C9-C12 Aliphatic Hydrocarbons	102		mg/l		85.0		120	70-130		
Benzene	16.6		µg/l		20.0		83.0	70-130		
Ethylbenzene	17.6		µg/l		20.0		88.0	70-130		
Methyl tert-butyl ether	17.8		µg/l		20.0		89.0	70-130		
Naphthalene	24.9		µg/l		20.0		124	70-130		
Toluene	17.2		µg/l		20.0		86.0	70-130		
m,p-Xylene	36.6		µg/l		40.0		91.5	70-130		
o-Xylene	19.2		µg/l		20.0		96.0	70-130		
2-Methylpentane	18.3		µg/l		20.0		91.5	70-130		
n-Nonane	21.1		µg/l		20.0		106	70-130		
n-Pentane	18.2		µg/l		20.0		91.0	70-130		
1,2,4-Trimethylbenzene	20.3		µg/l		20.0		102	70-130		
2,2,4-Trimethylpentane	21.3		µg/l		20.0		106	70-130		
n-Butylcyclohexane	21.7		µg/l		20.0		108	70-130		
n-Decane	21.0		µg/l		20.0		105	70-130		
Surrogate: 2,5-Dibromotoluene (FID)	*67.3*	*S-GC*	µg/l		*50.0*		*135*	*70-130*		
Surrogate: 2,5-Dibromotoluene (PID)	*54.3*		µg/l		*50.0*		*109*	*70-130*		
LCS Dup (6021432-BSD1)										
Prepared & Analyzed: 24-Feb-06										
C5-C8 Aliphatic Hydrocarbons	136		mg/l		140		97.1	70-130	13.3	25
C9-C12 Aliphatic Hydrocarbons	60.3		mg/l		55.0		110	70-130	0.00	25
C9-C10 Aromatic Hydrocarbons	41.0		mg/l		40.0		102	70-130	1.94	25
Unadjusted C5-C8 Aliphatic Hydrocarbons	244		mg/l		280		87.1	70-130	0.00	25
Unadjusted C9-C12 Aliphatic Hydrocarbons	101		mg/l		85.0		119	70-130	0.837	25
Benzene	15.3		µg/l		20.0		76.5	70-130	8.15	25
Ethylbenzene	14.7		µg/l		20.0		73.5	70-130	18.0	25
Methyl tert-butyl ether	16.6		µg/l		20.0		83.0	70-130	6.98	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021432 - VPH										
LCS Dup (6021432-BSD1)										
Prepared & Analyzed: 24-Feb-06										
Naphthalene	17.9	QR-02	µg/l		20.0		89.5	70-130	32.3	25
Toluene	15.1		µg/l		20.0		75.5	70-130	13.0	25
m,p-Xylene	30.4		µg/l		40.0		76.0	70-130	18.5	25
o-Xylene	15.7		µg/l		20.0		78.5	70-130	20.1	25
2-Methylpentane	17.7		µg/l		20.0		88.5	70-130	3.33	25
n-Nonane	18.2		µg/l		20.0		91.0	70-130	15.2	25
n-Pentane	17.1		µg/l		20.0		85.5	70-130	6.23	25
1,2,4-Trimethylbenzene	16.3		µg/l		20.0		81.5	70-130	22.3	25
2,2,4-Trimethylpentane	21.0		µg/l		20.0		105	70-130	0.948	25
n-Butylcyclohexane	18.8		µg/l		20.0		94.0	70-130	13.9	25
n-Decane	20.6		µg/l		20.0		103	70-130	1.92	25
Surrogate: 2,5-Dibromotoluene (FID)	*59.7*		µg/l		*50.0*		*119*	*70-130*		
Surrogate: 2,5-Dibromotoluene (PID)	*48.4*		µg/l		*50.0*		*96.8*	*70-130*		
Duplicate (6021432-DUP1) **Source: SA40788-21**										
Prepared & Analyzed: 24-Feb-06										
C5-C8 Aliphatic Hydrocarbons	BRL		mg/l	0.0750		0.0607			0.329	50
C9-C12 Aliphatic Hydrocarbons	0.0336		mg/l	0.0250		0.0355			5.50	50
C9-C10 Aromatic Hydrocarbons	0.0276		mg/l	0.0250		0.0262			5.20	50
Unadjusted C5-C8 Aliphatic Hydrocarbons	BRL		mg/l	0.0750		0.0619			0.161	50
Unadjusted C9-C12 Aliphatic Hydrocarbons	0.0611		mg/l	0.0250		0.0617			0.977	50
Benzene	BRL		µg/l	5.0		BRL				50
Ethylbenzene	BRL		µg/l	5.0		BRL				50
Methyl tert-butyl ether	BRL		µg/l	5.0		BRL				50
Naphthalene	7.9		µg/l	5.0		7.6			3.87	50
Toluene	BRL		µg/l	5.0		1.2			0.00	50
m,p-Xylene	BRL		µg/l	10.0		BRL				50
o-Xylene	BRL		µg/l	5.0		BRL				50
Surrogate: 2,5-Dibromotoluene (FID)	*59.1*		µg/l		*50.0*		*118*	*70-130*		
Surrogate: 2,5-Dibromotoluene (PID)	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Matrix Spike (6021432-MS1) **Source: SA40788-21**										
Prepared & Analyzed: 24-Feb-06										
Benzene	15.2		µg/l		20.0	BRL	76.0	70-130		
Ethylbenzene	14.5		µg/l		20.0	BRL	72.5	70-130		
Methyl tert-butyl ether	15.8		µg/l		20.0	BRL	79.0	70-130		
Naphthalene	22.1		µg/l		20.0	7.64	72.3	70-130		
Toluene	15.5		µg/l		20.0	1.18	71.6	70-130		
m,p-Xylene	30.0		µg/l		40.0	BRL	75.0	70-130		
o-Xylene	15.9		µg/l		20.0	BRL	79.5	70-130		
2-Methylpentane	15.1		µg/l		20.0	BRL	75.5	70-130		
n-Nonane	18.9		µg/l		20.0	BRL	94.5	70-130		
n-Pentane	16.6		µg/l		20.0	BRL	83.0	70-130		
1,2,4-Trimethylbenzene	16.5		µg/l		20.0	0.796	78.5	70-130		
2,2,4-Trimethylpentane	25.5		µg/l		20.0	11.2	71.5	70-130		
n-Butylcyclohexane	20.0		µg/l		20.0	0.0	100	70-130		
n-Decane	21.3		µg/l		20.0	1.35	99.8	70-130		
Surrogate: 2,5-Dibromotoluene (FID)	*53.2*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: 2,5-Dibromotoluene (PID)	*43.6*		µg/l		*50.0*		*87.2*	*70-130*		
Batch 6021444 - SW846 5030 Water MS										
Blank (6021444-BLK1)										
Prepared & Analyzed: 24-Feb-06										
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	0.5						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021444 - SW846 5030 Water MS										
Blank (6021444-BLK1)										
Prepared & Analyzed: 24-Feb-06										
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	0.5						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	0.5						
1,3-Dichlorobenzene	BRL		µg/l	0.5						
1,4-Dichlorobenzene	BRL		µg/l	0.5						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	0.5						
1,2-Dichloroethane	BRL		µg/l	0.5						
1,1-Dichloroethene	BRL		µg/l	0.5						
cis-1,2-Dichloroethene	BRL		µg/l	0.5						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	0.5						
Hexachlorobutadiene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	0.5						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	1.0						
Naphthalene	BRL		µg/l	0.5						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	0.5						
Toluene	BRL		µg/l	0.5						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	0.5						
1,1,2-Trichloroethane	BRL		µg/l	0.5						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021444 - SW846 5030 Water MS										
Blank (6021444-BLK1)										
Prepared & Analyzed: 24-Feb-06										
Trichloroethene	BRL		µg/l	0.5						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	0.5						
m,p-Xylene	BRL		µg/l	1.0						
o-Xylene	BRL		µg/l	0.5						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	0.5						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*53.7*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.4*		µg/l		*50.0*		*94.8*	*70-130*		
Surrogate: Dibromofluoromethane	*50.4*		µg/l		*50.0*		*101*	*70-130*		
LCS (6021444-BS1)										
Prepared & Analyzed: 24-Feb-06										
Acetone	9.4		µg/l		20.0		47.0	2.17-194		
Acrylonitrile	15.9		µg/l		20.0		79.5	70-130		
Benzene	21.9		µg/l		20.0		110	70-130		
Bromobenzene	24.5		µg/l		20.0		122	70-130		
Bromochloromethane	22.7		µg/l		20.0		114	70-130		
Bromodichloromethane	24.7		µg/l		20.0		124	70-130		
Bromoform	22.3		µg/l		20.0		112	70-130		
Bromomethane	14.8		µg/l		20.0		74.0	61.9-145		
2-Butanone (MEK)	16.4		µg/l		20.0		82.0	14.9-165		
n-Butylbenzene	21.7		µg/l		20.0		108	70-130		
sec-Butylbenzene	25.3		µg/l		20.0		126	70-130		
tert-Butylbenzene	25.4		µg/l		20.0		127	70-130		
Carbon disulfide	16.8		µg/l		20.0		84.0	70-130		
Carbon tetrachloride	24.5		µg/l		20.0		122	70-130		
Chlorobenzene	24.2		µg/l		20.0		121	70-130		
Chloroethane	19.4		µg/l		20.0		97.0	64.4-134		
Chloroform	22.1		µg/l		20.0		110	70-130		
Chloromethane	21.9		µg/l		20.0		110	70-130		
2-Chlorotoluene	22.4		µg/l		20.0		112	70-130		
4-Chlorotoluene	23.7		µg/l		20.0		118	70-130		
1,2-Dibromo-3-chloropropane	20.2		µg/l		20.0		101	70-130		
Dibromochloromethane	22.6		µg/l		20.0		113	45.3-146		
1,2-Dibromoethane (EDB)	22.5		µg/l		20.0		112	70-130		
Dibromomethane	21.1		µg/l		20.0		106	70-130		
1,2-Dichlorobenzene	21.6		µg/l		20.0		108	70-130		
1,3-Dichlorobenzene	23.9		µg/l		20.0		120	70-130		
1,4-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		
Dichlorodifluoromethane (Freon12)	25.0		µg/l		20.0		125	49.6-201		
1,1-Dichloroethane	21.3		µg/l		20.0		106	70-130		
1,2-Dichloroethane	19.8		µg/l		20.0		99.0	70-130		
1,1-Dichloroethene	20.3		µg/l		20.0		102	70-130		
cis-1,2-Dichloroethene	23.2		µg/l		20.0		116	70-130		
trans-1,2-Dichloroethene	18.8		µg/l		20.0		94.0	70-130		
1,2-Dichloropropane	21.2		µg/l		20.0		106	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021444 - SW846 5030 Water MS										
LCS (6021444-BS1)										
Prepared & Analyzed: 24-Feb-06										
1,3-Dichloropropane	19.9		µg/l		20.0		99.5	70-130		
2,2-Dichloropropane	25.9		µg/l		20.0		130	70-130		
1,1-Dichloropropene	22.2		µg/l		20.0		111	70-130		
cis-1,3-Dichloropropene	21.7		µg/l		20.0		108	70-130		
trans-1,3-Dichloropropene	25.2		µg/l		20.0		126	70-130		
Ethylbenzene	24.6		µg/l		20.0		123	70-130		
Hexachlorobutadiene	23.6		µg/l		20.0		118	68.6-137		
2-Hexanone (MBK)	17.1		µg/l		20.0		85.5	70-130		
Isopropylbenzene	24.5		µg/l		20.0		122	70-130		
4-Isopropyltoluene	23.6		µg/l		20.0		118	70-130		
Methyl tert-butyl ether	20.8		µg/l		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	17.4		µg/l		20.0		87.0	48.6-137		
Methylene chloride	18.9		µg/l		20.0		94.5	70-130		
Naphthalene	22.0		µg/l		20.0		110	70-130		
n-Propylbenzene	24.6		µg/l		20.0		123	70-130		
Styrene	24.9		µg/l		20.0		124	70-130		
1,1,1,2-Tetrachloroethane	24.6		µg/l		20.0		123	70-130		
1,1,2,2-Tetrachloroethane	21.2		µg/l		20.0		106	70-130		
Tetrachloroethene	23.8		µg/l		20.0		119	70-130		
Toluene	21.6		µg/l		20.0		108	70-130		
1,2,3-Trichlorobenzene	22.2		µg/l		20.0		111	70-130		
1,2,4-Trichlorobenzene	21.6		µg/l		20.0		108	70-130		
1,1,1-Trichloroethane	25.4		µg/l		20.0		127	70-130		
1,1,2-Trichloroethane	21.1		µg/l		20.0		106	70-130		
Trichloroethene	22.3		µg/l		20.0		112	70-130		
Trichlorofluoromethane (Freon 11)	22.1		µg/l		20.0		110	67.9-143		
1,2,3-Trichloropropane	23.1		µg/l		20.0		116	70-130		
1,2,4-Trimethylbenzene	24.6		µg/l		20.0		123	70-130		
1,3,5-Trimethylbenzene	24.5		µg/l		20.0		122	70-130		
Vinyl chloride	19.9		µg/l		20.0		99.5	70-130		
m,p-Xylene	49.2		µg/l		40.0		123	70-130		
o-Xylene	24.8		µg/l		20.0		124	70-130		
Tetrahydrofuran	16.6		µg/l		20.0		83.0	70-130		
Ethyl ether	19.2		µg/l		20.0		96.0	70-136		
Tert-amyl methyl ether	17.8		µg/l		20.0		89.0	70-130		
Ethyl tert-butyl ether	21.5		µg/l		20.0		108	70-130		
Di-isopropyl ether	20.2		µg/l		20.0		101	70-130		
Tert-Butanol / butyl alcohol	158		µg/l		200		79.0	70-130		
1,4-Dioxane	186		µg/l		200		93.0	36.5-156		
Surrogate: 4-Bromofluorobenzene	*52.3*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.0*		µg/l		*50.0*		*90.0*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/l		*50.0*		*100*	*70-130*		
LCS Dup (6021444-BSD1)										
Prepared & Analyzed: 24-Feb-06										
Acetone	17.0	QR-05	µg/l		20.0		85.0	2.17-194	57.6	50
Acrylonitrile	15.8		µg/l		20.0		79.0	70-130	0.631	25
Benzene	20.8		µg/l		20.0		104	70-130	5.61	25
Bromobenzene	23.4		µg/l		20.0		117	70-130	4.18	25
Bromochloromethane	22.0		µg/l		20.0		110	70-130	3.57	25
Bromodichloromethane	23.6		µg/l		20.0		118	70-130	4.96	25
Bromoform	21.7		µg/l		20.0		108	70-130	3.64	25
Bromomethane	13.8		µg/l		20.0		69.0	61.9-145	6.99	50
2-Butanone (MEK)	18.0		µg/l		20.0		90.0	14.9-165	9.30	50
n-Butylbenzene	20.8		µg/l		20.0		104	70-130	3.77	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021444 - SW846 5030 Water MS										
LCS Dup (6021444-BSD1)										
Prepared & Analyzed: 24-Feb-06										
sec-Butylbenzene	23.9		µg/l		20.0		120	70-130	4.88	25
tert-Butylbenzene	24.2		µg/l		20.0		121	70-130	4.84	25
Carbon disulfide	15.5		µg/l		20.0		77.5	70-130	8.05	25
Carbon tetrachloride	22.6		µg/l		20.0		113	70-130	7.66	25
Chlorobenzene	23.1		µg/l		20.0		116	70-130	4.22	25
Chloroethane	18.2		µg/l		20.0		91.0	64.4-134	6.38	50
Chloroform	21.0		µg/l		20.0		105	70-130	4.65	25
Chloromethane	20.4		µg/l		20.0		102	70-130	7.55	25
2-Chlorotoluene	21.2		µg/l		20.0		106	70-130	5.50	25
4-Chlorotoluene	22.5		µg/l		20.0		112	70-130	5.22	25
1,2-Dibromo-3-chloropropane	20.3		µg/l		20.0		102	70-130	0.985	25
Dibromochloromethane	21.6		µg/l		20.0		108	45.3-146	4.52	50
1,2-Dibromoethane (EDB)	22.1		µg/l		20.0		110	70-130	1.80	25
Dibromomethane	20.6		µg/l		20.0		103	70-130	2.87	25
1,2-Dichlorobenzene	20.7		µg/l		20.0		104	70-130	3.77	25
1,3-Dichlorobenzene	22.8		µg/l		20.0		114	70-130	5.13	25
1,4-Dichlorobenzene	20.6		µg/l		20.0		103	70-130	3.81	25
Dichlorodifluoromethane (Freon12)	23.7		µg/l		20.0		118	49.6-201	5.76	50
1,1-Dichloroethane	20.0		µg/l		20.0		100	70-130	5.83	25
1,2-Dichloroethane	19.3		µg/l		20.0		96.5	70-130	2.56	25
1,1-Dichloroethene	19.0		µg/l		20.0		95.0	70-130	7.11	25
cis-1,2-Dichloroethene	21.8		µg/l		20.0		109	70-130	6.22	25
trans-1,2-Dichloroethene	18.0		µg/l		20.0		90.0	70-130	4.35	25
1,2-Dichloropropane	20.3		µg/l		20.0		102	70-130	3.85	25
1,3-Dichloropropane	19.5		µg/l		20.0		97.5	70-130	2.03	25
2,2-Dichloropropane	23.1		µg/l		20.0		116	70-130	11.4	25
1,1-Dichloropropene	21.0		µg/l		20.0		105	70-130	5.56	25
cis-1,3-Dichloropropene	20.7		µg/l		20.0		104	70-130	3.77	25
trans-1,3-Dichloropropene	24.4		µg/l		20.0		122	70-130	3.23	25
Ethylbenzene	23.2		µg/l		20.0		116	70-130	5.86	25
Hexachlorobutadiene	22.3		µg/l		20.0		112	68.6-137	5.22	50
2-Hexanone (MBK)	18.3		µg/l		20.0		91.5	70-130	6.78	25
Isopropylbenzene	23.2		µg/l		20.0		116	70-130	5.04	25
4-Isopropyltoluene	22.6		µg/l		20.0		113	70-130	4.33	25
Methyl tert-butyl ether	20.5		µg/l		20.0		102	70-130	1.94	25
4-Methyl-2-pentanone (MIBK)	17.4		µg/l		20.0		87.0	48.6-137	0.00	50
Methylene chloride	17.9		µg/l		20.0		89.5	70-130	5.43	25
Naphthalene	21.6		µg/l		20.0		108	70-130	1.83	25
n-Propylbenzene	23.1		µg/l		20.0		116	70-130	5.86	25
Styrene	23.6		µg/l		20.0		118	70-130	4.96	25
1,1,1,2-Tetrachloroethane	23.9		µg/l		20.0		120	70-130	2.47	25
1,1,2,2-Tetrachloroethane	20.5		µg/l		20.0		102	70-130	3.85	25
Tetrachloroethene	22.5		µg/l		20.0		112	70-130	6.06	25
Toluene	20.5		µg/l		20.0		102	70-130	5.71	25
1,2,3-Trichlorobenzene	21.2		µg/l		20.0		106	70-130	4.61	25
1,2,4-Trichlorobenzene	20.9		µg/l		20.0		104	70-130	3.77	25
1,1,1-Trichloroethane	24.1		µg/l		20.0		120	70-130	5.67	25
1,1,2-Trichloroethane	20.8		µg/l		20.0		104	70-130	1.90	25
Trichloroethene	21.6		µg/l		20.0		108	70-130	3.64	25
Trichlorofluoromethane (Freon 11)	20.8		µg/l		20.0		104	67.9-143	5.61	50
1,2,3-Trichloropropane	22.7		µg/l		20.0		114	70-130	1.74	25
1,2,4-Trimethylbenzene	23.4		µg/l		20.0		117	70-130	5.00	25
1,3,5-Trimethylbenzene	23.2		µg/l		20.0		116	70-130	5.04	25
Vinyl chloride	18.3		µg/l		20.0		91.5	70-130	8.38	25
m,p-Xylene	46.5		µg/l		40.0		116	70-130	5.86	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021444 - SW846 5030 Water MS										
LCS Dup (6021444-BSD1)										
Prepared & Analyzed: 24-Feb-06										
o-Xylene	23.6		µg/l		20.0		118	70-130	4.96	25
Tetrahydrofuran	16.6		µg/l		20.0		83.0	70-130	0.00	25
Ethyl ether	18.9		µg/l		20.0		94.5	70-136	1.57	50
Tert-amyl methyl ether	17.6		µg/l		20.0		88.0	70-130	1.13	25
Ethyl tert-butyl ether	21.1		µg/l		20.0		106	70-130	1.87	25
Di-isopropyl ether	19.7		µg/l		20.0		98.5	70-130	2.51	25
Tert-Butanol / butyl alcohol	156		µg/l		200		78.0	70-130	1.27	25
1,4-Dioxane	180		µg/l		200		90.0	36.5-156	3.28	25
Surrogate: 4-Bromofluorobenzene	*51.7*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.2*		µg/l		*50.0*		*90.4*	*70-130*		
Surrogate: Dibromofluoromethane	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
Matrix Spike (6021444-MS1) **Source: SA40887-01**										
Prepared & Analyzed: 24-Feb-06										
Benzene	21.4		µg/l		20.0	BRL	107	70-130		
Chlorobenzene	25.6		µg/l		20.0	BRL	128	70-130		
1,1-Dichloroethene	18.5		µg/l		20.0	BRL	92.5	70-130		
Toluene	22.0		µg/l		20.0	BRL	110	70-130		
Trichloroethene	22.6		µg/l		20.0	BRL	113	70-130		
Surrogate: 4-Bromofluorobenzene	*54.2*		µg/l		*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.6*		µg/l		*50.0*		*89.2*	*70-130*		
Surrogate: Dibromofluoromethane	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
Matrix Spike Dup (6021444-MSD1) **Source: SA40887-01**										
Prepared & Analyzed: 24-Feb-06										
Benzene	21.4		µg/l		20.0	BRL	107	70-130	0.00	30
Chlorobenzene	25.4		µg/l		20.0	BRL	127	70-130	0.784	30
1,1-Dichloroethene	18.3		µg/l		20.0	BRL	91.5	70-130	1.09	30
Toluene	22.0		µg/l		20.0	BRL	110	70-130	0.00	30
Trichloroethene	22.6		µg/l		20.0	BRL	113	70-130	0.00	30
Surrogate: 4-Bromofluorobenzene	*53.7*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.5*		µg/l		*50.0*		*91.0*	*70-130*		
Surrogate: Dibromofluoromethane	*50.7*		µg/l		*50.0*		*101*	*70-130*		

Microextractable Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021332 - Microextr. by 504.1										
Blank (6021332-BLK1)										
Prepared: 23-Feb-06 Analyzed: 24-Feb-06										
1,2-Dibromoethane (EDB)	BRL		µg/l	0.0100						
LCS (6021332-BS1)										
Prepared: 23-Feb-06 Analyzed: 24-Feb-06										
1,2-Dibromoethane (EDB)	0.174		µg/l	0.0100	0.200		87.0	50-150		
Duplicate (6021332-DUP1) **Source: SA41093-01**										
Prepared: 23-Feb-06 Analyzed: 24-Feb-06										
1,2-Dibromoethane (EDB)	BRL		µg/l	0.0100		BRL				30

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021292 - Microextr. by 504.1										
Blank (6021292-BLK1)										
Prepared: 22-Feb-06 Analyzed: 23-Feb-06										
C9-C18 Aliphatic Hydrocarbons	BRL		mg/l	0.2						
C19-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.2						
C11-C22 Aromatic Hydrocarbons	BRL		mg/l	0.2						
Unadjusted C11-C22 Aromatic Hydrocarbons	BRL		mg/l	0.2						
Naphthalene	BRL		µg/l	2.50						
2-Methylnaphthalene	BRL		µg/l	2.50						
Acenaphthylene	BRL		µg/l	2.50						
Acenaphthene	BRL		µg/l	2.50						
Fluorene	BRL		µg/l	2.50						
Phenanthrene	BRL		µg/l	2.50						
Anthracene	BRL		µg/l	2.50						
Fluoranthene	BRL		µg/l	2.50						
Pyrene	BRL		µg/l	2.50						
Benzo (a) anthracene	BRL		µg/l	2.50						
Chrysene	BRL		µg/l	2.50						
Benzo (b) fluoranthene	BRL		µg/l	2.50						
Benzo (k) fluoranthene	BRL		µg/l	2.50						
Benzo (a) pyrene	BRL		µg/l	2.50						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	2.50						
Dibenzo (a,h) anthracene	BRL		µg/l	2.50						
Benzo (g,h,i) perylene	BRL		µg/l	2.50						
n-Hexadecane	0.00		µg/l							
n-Tetradecane	0.00		µg/l							
n-Eicosane	0.00		µg/l							
n-Nonadecane	0.00		µg/l							
n-Octacosane	0.00		µg/l							
Naphthalene (aliphatic fraction)	0.00		µg/l							
2-Methylnaphthalene (aliphatic fraction)	0.00		µg/l							
Surrogate: 1-Chlorooctadecane	*17.2*	*S-GC*	µg/l		*50.0*		*34.4*	*40-140*		
Surrogate: Ortho-Terphenyl	*28.2*		µg/l		*50.0*		*56.4*	*40-140*		
Surrogate: 2-Bromonaphthalene	*31.0*		µg/l		*40.0*		*77.5*	*40-140*		
Surrogate: 2-Fluorobiphenyl	*30.8*		µg/l		*40.0*		*77.0*	*40-140*		
LCS (6021292-BS1)										
Prepared: 22-Feb-06 Analyzed: 23-Feb-06										
C9-C18 Aliphatic Hydrocarbons	0.270		mg/l	0.2	0.600		45.0	40-140		
C19-C36 Aliphatic Hydrocarbons	0.421		mg/l	0.2	0.800		52.6	40-140		
C11-C22 Aromatic Hydrocarbons	1.22		mg/l	0.2	1.70		71.8	40-140		
Naphthalene	55.0		µg/l	2.50	100		55.0	40-140		
2-Methylnaphthalene	59.5		µg/l	2.50	100		59.5	40-140		
Acenaphthylene	63.2		µg/l	2.50	100		63.2	40-140		
Acenaphthene	65.2		µg/l	2.50	100		65.2	40-140		
Fluorene	67.1		µg/l	2.50	100		67.1	40-140		
Phenanthrene	67.9		µg/l	2.50	100		67.9	40-140		
Anthracene	66.4		µg/l	2.50	100		66.4	40-140		
Fluoranthene	67.7		µg/l	2.50	100		67.7	40-140		
Pyrene	67.8		µg/l	2.50	100		67.8	40-140		
Benzo (a) anthracene	67.0		µg/l	2.50	100		67.0	40-140		
Chrysene	65.6		µg/l	2.50	100		65.6	40-140		
Benzo (b) fluoranthene	69.5		µg/l	2.50	100		69.5	40-140		
Benzo (k) fluoranthene	67.6		µg/l	2.50	100		67.6	40-140		
Benzo (a) pyrene	67.9		µg/l	2.50	100		67.9	40-140		
Indeno (1,2,3-cd) pyrene	69.0		µg/l	2.50	100		69.0	40-140		
Dibenzo (a,h) anthracene	72.1		µg/l	2.50	100		72.1	40-140		
Benzo (g,h,i) perylene	67.5		µg/l	2.50	100		67.5	40-140		
Naphthalene (aliphatic fraction)	0.00		µg/l		100			0-200		

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* Reportable Detection Limit BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021292 - Microextr. by 504.1										
LCS (6021292-BS1)										
Prepared: 22-Feb-06 Analyzed: 23-Feb-06										
2-Methylnaphthalene (aliphatic fraction)	0.00		µg/l		100			0-200		
Surrogate: 1-Chlorooctadecane	*27.5*		µg/l		*50.0*		*55.0*	*40-140*		
Surrogate: Ortho-Terphenyl	*33.7*		µg/l		*50.0*		*67.4*	*40-140*		
Surrogate: 2-Bromonaphthalene	*29.9*		µg/l		*40.0*		*74.8*	*40-140*		
Surrogate: 2-Fluorobiphenyl	*35.6*		µg/l		*40.0*		*89.0*	*40-140*		
Naphthalene Breakthrough	0.00		%					0-5		
2-Methylnaphthalene Breakthrough	0.00		%					0-5		
Fractionation Check Standard (60212										
Prepared: 22-Feb-06 Analyzed: 23-Feb-06										
C9-C18 Aliphatic Hydrocarbons	0.344		mg/l	0.2	0.600		57.3	40-140		
C19-C36 Aliphatic Hydrocarbons	0.579		mg/l	0.2	0.800		72.4	40-140		
C11-C22 Aromatic Hydrocarbons	1.39		mg/l	0.2	1.70		81.8	40-140		
Naphthalene	67.2		µg/l	2.50	100		67.2	40-140		
2-Methylnaphthalene	72.8		µg/l	2.50	100		72.8	40-140		
Acenaphthylene	75.9		µg/l	2.50	100		75.9	40-140		
Acenaphthene	75.8		µg/l	2.50	100		75.8	40-140		
Fluorene	76.4		µg/l	2.50	100		76.4	40-140		
Phenanthrene	75.8		µg/l	2.50	100		75.8	40-140		
Anthracene	73.4		µg/l	2.50	100		73.4	40-140		
Fluoranthene	74.0		µg/l	2.50	100		74.0	40-140		
Pyrene	75.3		µg/l	2.50	100		75.3	40-140		
Benzo (a) anthracene	73.0		µg/l	2.50	100		73.0	40-140		
Chrysene	73.3		µg/l	2.50	100		73.3	40-140		
Benzo (b) fluoranthene	76.7		µg/l	2.50	100		76.7	40-140		
Benzo (k) fluoranthene	69.6		µg/l	2.50	100		69.6	40-140		
Benzo (a) pyrene	73.7		µg/l	2.50	100		73.7	40-140		
Indeno (1,2,3-cd) pyrene	77.2		µg/l	2.50	100		77.2	40-140		
Dibenzo (a,h) anthracene	77.4		µg/l	2.50	100		77.4	40-140		
Benzo (g,h,i) perylene	75.1		µg/l	2.50	100		75.1	40-140		
Naphthalene (aliphatic fraction)	0.00		µg/l		100			0-200		
2-Methylnaphthalene (aliphatic fraction)	0.00		µg/l		100			0-200		
Surrogate: 1-Chlorooctadecane	*34.1*		µg/l		*50.0*		*68.2*	*40-140*		
Surrogate: Ortho-Terphenyl	*36.9*		µg/l		*50.0*		*73.8*	*40-140*		
Surrogate: 2-Bromonaphthalene	*25.0*		µg/l		*40.0*		*62.5*	*40-140*		
Surrogate: 2-Fluorobiphenyl	*33.7*		µg/l		*40.0*		*84.2*	*40-140*		
LCS Dup (6021292-BSD1)										
Prepared: 22-Feb-06 Analyzed: 23-Feb-06										
C9-C18 Aliphatic Hydrocarbons	0.299		mg/l	0.2	0.600		49.8	40-140	10.1	25
C19-C36 Aliphatic Hydrocarbons	0.406		mg/l	0.2	0.800		50.8	40-140	3.48	25
C11-C22 Aromatic Hydrocarbons	1.13		mg/l	0.2	1.70		66.5	40-140	7.66	25
Naphthalene	51.9		µg/l	2.50	100		51.9	40-140	5.80	20
2-Methylnaphthalene	56.5		µg/l	2.50	100		56.5	40-140	5.17	20
Acenaphthylene	61.1		µg/l	2.50	100		61.1	40-140	3.38	20
Acenaphthene	62.8		µg/l	2.50	100		62.8	40-140	3.75	20
Fluorene	63.8		µg/l	2.50	100		63.8	40-140	5.04	20
Phenanthrene	64.4		µg/l	2.50	100		64.4	40-140	5.29	20
Anthracene	62.5		µg/l	2.50	100		62.5	40-140	6.05	20
Fluoranthene	63.6		µg/l	2.50	100		63.6	40-140	6.25	20
Pyrene	64.0		µg/l	2.50	100		64.0	40-140	5.77	20
Benzo (a) anthracene	62.4		µg/l	2.50	100		62.4	40-140	7.11	20
Chrysene	61.1		µg/l	2.50	100		61.1	40-140	7.10	20
Benzo (b) fluoranthene	61.4		µg/l	2.50	100		61.4	40-140	12.4	20
Benzo (k) fluoranthene	59.8		µg/l	2.50	100		59.8	40-140	12.2	20
Benzo (a) pyrene	60.6		µg/l	2.50	100		60.6	40-140	11.4	20

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021292 - Microextr. by 504.1										
LCS Dup (6021292-BSD1)										
Prepared: 22-Feb-06 Analyzed: 23-Feb-06										
Indeno (1,2,3-cd) pyrene	59.0		µg/l	2.50	100		59.0	40-140	15.6	20
Dibenzo (a,h) anthracene	61.4		µg/l	2.50	100		61.4	40-140	16.0	20
Benzo (g,h,i) perylene	58.3		µg/l	2.50	100		58.3	40-140	14.6	20
Naphthalene (aliphatic fraction)	0.00		µg/l		100			0-200		200
2-Methylnaphthalene (aliphatic fraction)	0.00		µg/l		100			0-200		200
Surrogate: 1-Chlorooctadecane	*32.7*		µg/l		*50.0*		*65.4*	*40-140*		
Surrogate: Ortho-Terphenyl	*33.1*		µg/l		*50.0*		*66.2*	*40-140*		
Surrogate: 2-Bromonaphthalene	*21.4*		µg/l		*40.0*		*53.5*	*40-140*		
Surrogate: 2-Fluorobiphenyl	*34.4*		µg/l		*40.0*		*86.0*	*40-140*		
Naphthalene Breakthrough	0.00		%					0-5		
2-Methylnaphthalene Breakthrough	0.00		%					0-5		
Batch 6021327 - SW846 3510C										
Blank (6021327-BLK1)										
Prepared: 23-Feb-06 Analyzed: 24-Feb-06										
Non-polar material (SGT-HEM)	BRL		mg/l	1.0						
LCS (6021327-BS1)										
Prepared: 23-Feb-06 Analyzed: 24-Feb-06										
Non-polar material (SGT-HEM)	22.5		mg/l		25.0		90.0	0-200		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021304 - SW846 3510C										
Blank (6021304-BLK1)										
Prepared: 22-Feb-06 Analyzed: 23-Feb-06										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.140*		µg/l		*0.200*		*70.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.250*		µg/l		*0.200*		*125*	*30-150*		
LCS (6021304-BS1)										
Prepared: 22-Feb-06 Analyzed: 23-Feb-06										
PCB 1016	2.42		µg/l	0.200	2.50		96.8	50-114		
PCB 1260	2.79		µg/l	0.200	2.50		112	40-127		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.120*		µg/l		*0.200*		*60.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.190*		µg/l		*0.200*		*95.0*	*30-150*		
Duplicate (6021304-DUP1) **Source: SA41142-01**										
Prepared: 22-Feb-06 Analyzed: 23-Feb-06										
PCB 1016	BRL		µg/l	20.0		BRL				30
PCB 1221	BRL		µg/l	20.0		BRL				30
PCB 1232	BRL		µg/l	20.0		BRL				30
PCB 1242	BRL		µg/l	20.0		BRL				30
PCB 1248	BRL		µg/l	20.0		BRL				30
PCB 1254	BRL		µg/l	20.0		BRL				30
PCB 1260	BRL		µg/l	20.0		BRL				30
PCB 1262	BRL		µg/l	20.0		BRL				40
PCB 1268	BRL		µg/l	20.0		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.0*		µg/l		*20.0*		*70.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.0*		µg/l		*20.0*		*140*	*30-150*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021336 - SW846 3510C										
Blank (6021336-BLK1)										
Prepared & Analyzed: 23-Feb-06										
Acenaphthene	BRL		µg/l	1.00						
Acenaphthylene	BRL		µg/l	5.00						
Aniline	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	1.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	1.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	2.00						
1,3-Dichlorobenzene	BRL		µg/l	2.00						
1,4-Dichlorobenzene	BRL		µg/l	2.00						
3,3'-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	1.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	1.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	1.00						
2,4-Dinitrophenol	BRL		µg/l	1.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	1.00						
Fluorene	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylphenol	BRL		µg/l	1.00						
3,4-Methylphenol	BRL		µg/l	1.00						
Naphthalene	BRL		µg/l	2.00						
2-Nitroaniline	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021336 - SW846 3510C										
Blank (6021336-BLK1)										
Prepared & Analyzed: 23-Feb-06										
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	5.00						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	1.00						
4-Nitrophenol	BRL		µg/l	1.00						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	1.00						
Pyrene	BRL		µg/l	5.00						
Pyridine	BRL		µg/l	5.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
2,4,5-Trichlorophenol	BRL		µg/l	1.00						
2,4,6-Trichlorophenol	BRL		µg/l	1.00						
Surrogate: 2-Fluorobiphenyl	*44.2*		µg/l		*100*		*44.2*	*30-130*		
Surrogate: 2-Fluorophenol	*47.3*		µg/l		*100*		*47.3*	*15-110*		
Surrogate: Nitrobenzene-d5	*41.4*		µg/l		*100*		*41.4*	*30-130*		
Surrogate: Phenol-d5	*38.9*		µg/l		*100*		*38.9*	*15-110*		
Surrogate: Terphenyl-dl4	*57.9*		µg/l		*100*		*57.9*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*47.3*		µg/l		*100*		*47.3*	*15-110*		
LCS (6021336-BS1)										
Prepared & Analyzed: 23-Feb-06										
Acenaphthene	72.9		µg/l	1.00	100		72.9	40-140		
Acenaphthylene	74.9		µg/l	5.00	100		74.9	40-140		
Aniline	75.2		µg/l	5.00	100		75.2	40-140		
Anthracene	84.5		µg/l	5.00	100		84.5	40-140		
Azobenzene/Diphenyldiazine	69.4		µg/l	5.00	100		69.4	40-140		
Benzidine	73.6		µg/l	5.00	100		73.6	40-140		
Benzo (a) anthracene	74.8		µg/l	5.00	100		74.8	40-140		
Benzo (a) pyrene	79.3		µg/l	5.00	100		79.3	40-140		
Benzo (b) fluoranthene	76.0		µg/l	5.00	100		76.0	40-140		
Benzo (g,h,i) perylene	73.4		µg/l	5.00	100		73.4	40-140		
Benzo (k) fluoranthene	77.9		µg/l	5.00	100		77.9	40-140		
Benzoic acid	13.7	QC-2	µg/l	5.00	100		13.7	30-130		
Benzyl alcohol	72.4		µg/l	5.00	100		72.4	40-140		
Bis(2-chloroethoxy)methane	70.0		µg/l	5.00	100		70.0	40-140		
Bis(2-chloroethyl)ether	65.4		µg/l	5.00	100		65.4	40-140		
Bis(2-chloroisopropyl)ether	68.3		µg/l	5.00	100		68.3	40-140		
Bis(2-ethylhexyl)phthalate	73.2		µg/l	5.00	100		73.2	40-140		
4-Bromophenyl phenyl ether	72.0		µg/l	5.00	100		72.0	40-140		
Butyl benzyl phthalate	73.1		µg/l	5.00	100		73.1	40-140		
Carbazole	129		µg/l	5.00	100		129	0-200		
4-Chloro-3-methylphenol	84.2		µg/l	1.00	100		84.2	30-130		
4-Chloroaniline	72.3		µg/l	5.00	100		72.3	40-140		
2-Chloronaphthalene	69.4		µg/l	5.00	100		69.4	40-140		
2-Chlorophenol	67.4		µg/l	1.00	100		67.4	30-130		
4-Chlorophenyl phenyl ether	74.9		µg/l	5.00	100		74.9	40-140		
Chrysene	74.5		µg/l	5.00	100		74.5	40-140		
Dibenzo (a,h) anthracene	75.6		µg/l	5.00	100		75.6	40-140		
Dibenzofuran	76.5		µg/l	5.00	100		76.5	40-140		
1,2-Dichlorobenzene	63.4		µg/l	2.00	100		63.4	40-140		
1,3-Dichlorobenzene	62.6		µg/l	2.00	100		62.6	40-140		
1,4-Dichlorobenzene	64.4		µg/l	2.00	100		64.4	40-140		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021336 - SW846 3510C										
LCS (6021336-BS1)										
Prepared & Analyzed: 23-Feb-06										
3,3'-Dichlorobenzidine	92.3		µg/l	5.00	100		92.3	40-140		
2,4-Dichlorophenol	73.3		µg/l	1.00	100		73.3	30-130		
Diethyl phthalate	77.4		µg/l	5.00	100		77.4	40-140		
Dimethyl phthalate	76.1		µg/l	5.00	100		76.1	40-140		
2,4-Dimethylphenol	67.6		µg/l	1.00	100		67.6	30-130		
Di-n-butyl phthalate	76.8		µg/l	5.00	100		76.8	40-140		
4,6-Dinitro-2-methylphenol	77.7		µg/l	1.00	100		77.7	30-130		
2,4-Dinitrophenol	55.7		µg/l	1.00	100		55.7	30-130		
2,4-Dinitrotoluene	87.0		µg/l	5.00	100		87.0	40-140		
2,6-Dinitrotoluene	78.6		µg/l	5.00	100		78.6	40-140		
Di-n-octyl phthalate	78.3		µg/l	5.00	100		78.3	40-140		
Fluoranthene	82.2		µg/l	1.00	100		82.2	40-140		
Fluorene	77.8		µg/l	5.00	100		77.8	40-140		
Hexachlorobenzene	75.4		µg/l	5.00	100		75.4	40-140		
Hexachlorobutadiene	64.5		µg/l	5.00	100		64.5	40-140		
Hexachlorocyclopentadiene	59.6		µg/l	5.00	100		59.6	40-140		
Hexachloroethane	66.2		µg/l	5.00	100		66.2	40-140		
Indeno (1,2,3-cd) pyrene	78.4		µg/l	5.00	100		78.4	40-140		
Isophorone	71.3		µg/l	5.00	100		71.3	40-140		
2-Methylnaphthalene	70.4		µg/l	5.00	100		70.4	40-140		
2-Methylphenol	71.6		µg/l	1.00	100		71.6	40-140		
3,4-Methylphenol	80.8		µg/l	1.00	100		80.8	40-140		
Naphthalene	70.0		µg/l	2.00	100		70.0	40-140		
2-Nitroaniline	77.6		µg/l	5.00	100		77.6	40-140		
3-Nitroaniline	87.4		µg/l	5.00	100		87.4	40-140		
4-Nitroaniline	108		µg/l	5.00	100		108	40-140		
Nitrobenzene	68.2		µg/l	5.00	100		68.2	40-140		
2-Nitrophenol	69.4		µg/l	1.00	100		69.4	30-130		
4-Nitrophenol	85.8		µg/l	1.00	100		85.8	30-130		
N-Nitrosodimethylamine	62.0		µg/l	5.00	100		62.0	40-140		
N-Nitrosodi-n-propylamine	75.8		µg/l	5.00	100		75.8	40-140		
N-Nitrosodiphenylamine	90.4		µg/l	5.00	100		90.4	40-140		
Pentachlorophenol	87.6		µg/l	1.00	100		87.6	30-130		
Phenanthrene	76.3		µg/l	5.00	100		76.3	40-140		
Phenol	73.2		µg/l	1.00	100		73.2	30-130		
Pyrene	70.9		µg/l	5.00	100		70.9	40-140		
Pyridine	61.4		µg/l	5.00	100		61.4	40-140		
1,2,4-Trichlorobenzene	64.8		µg/l	5.00	100		64.8	40-140		
2,4,5-Trichlorophenol	85.4		µg/l	1.00	100		85.4	30-130		
2,4,6-Trichlorophenol	68.5		µg/l	1.00	100		68.5	30-130		
Surrogate: 2-Fluorobiphenyl	*65.8*		µg/l		*100*		*65.8*	*30-130*		
Surrogate: 2-Fluorophenol	*55.6*		µg/l		*100*		*55.6*	*15-110*		
Surrogate: Nitrobenzene-d5	*62.4*		µg/l		*100*		*62.4*	*30-130*		
Surrogate: Phenol-d5	*48.0*		µg/l		*100*		*48.0*	*15-110*		
Surrogate: Terphenyl-dl4	*80.6*		µg/l		*100*		*80.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*76.6*		µg/l		*100*		*76.6*	*15-110*		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021274 - EPA 200 Series										
Blank (6021274-BLK1)										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Iron	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0030						
Nickel	BRL		mg/l	0.0050						
Zinc	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Antimony	BRL		mg/l	0.0120						
Chromium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0040						
LCS (6021274-BS1)										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Lead	0.518		mg/l	0.0030	0.500		104	85-115		
Antimony	0.476		mg/l	0.0120	0.500		95.2	85-115		
Nickel	0.471		mg/l	0.0050	0.500		94.2	85-115		
Zinc	0.455		mg/l	0.0050	0.500		91.0	85-115		
Iron	0.520		mg/l	0.0050	0.500		104	85-115		
Selenium	0.445		mg/l	0.0150	0.500		89.0	85-115		
Silver	0.251		mg/l	0.0100	0.250		100	85-115		
Arsenic	0.462		mg/l	0.0040	0.500		92.4	85-115		
Cadmium	0.475		mg/l	0.0025	0.500		95.0	85-115		
Chromium	0.439		mg/l	0.0050	0.500		87.8	85-115		
Copper	0.506		mg/l	0.0050	0.500		101	85-115		
Duplicate (6021274-DUP1) **Source: SA41101-02**										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Nickel	BRL	QR-06	mg/l	0.0050		0.0050			22.2	20
Iron	9.31		mg/l	0.0050		9.06			2.72	20
Lead	0.0934		mg/l	0.0030		0.0928			0.644	20
Antimony	BRL	QR-06	mg/l	0.0120		0.0077			87.9	20
Zinc	0.0522		mg/l	0.0050		0.0519			0.576	20
Selenium	BRL		mg/l	0.0150		BRL				20
Copper	0.0552		mg/l	0.0050		0.0544			1.46	20
Silver	BRL		mg/l	0.0100		BRL				20
Arsenic	BRL		mg/l	0.0040		0.0040				20
Cadmium	BRL	QR-06	mg/l	0.0025		0.0018			76.9	20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (6021274-MS1) **Source: SA41101-01**										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Iron	0.567		mg/l	0.0050	0.500	0.0897	95.5	70-130		
Selenium	0.473		mg/l	0.0150	0.500	BRL	94.6	70-130		
Zinc	0.532		mg/l	0.0050	0.500	0.0506	96.3	70-130		
Lead	0.515		mg/l	0.0030	0.500	BRL	103	70-130		
Antimony	0.487		mg/l	0.0120	0.500	BRL	97.4	70-130		
Nickel	0.485		mg/l	0.0050	0.500	0.0039	96.2	70-130		
Chromium	0.466		mg/l	0.0050	0.500	BRL	93.2	70-130		
Cadmium	0.484		mg/l	0.0025	0.500	BRL	96.8	70-130		
Arsenic	0.495		mg/l	0.0040	0.500	BRL	99.0	70-130		
Silver	0.260		mg/l	0.0100	0.250	BRL	104	70-130		
Copper	0.590		mg/l	0.0050	0.500	BRL	118	70-130		
Matrix Spike Dup (6021274-MSD1) **Source: SA41101-01**										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021274 - EPA 200 Series										
Matrix Spike Dup (6021274-MSD1) **Source: SA41101-01**										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Zinc	0.522		mg/l	0.0050	0.500	0.0506	94.3	70-130	1.90	20
Selenium	0.463		mg/l	0.0150	0.500	BRL	92.6	70-130	2.14	20
Antimony	0.478		mg/l	0.0120	0.500	BRL	95.6	70-130	1.87	20
Lead	0.504		mg/l	0.0030	0.500	BRL	101	70-130	2.16	20
Nickel	0.475		mg/l	0.0050	0.500	0.0039	94.2	70-130	2.08	20
Iron	0.544		mg/l	0.0050	0.500	0.0897	90.9	70-130	4.14	20
Cadmium	0.473		mg/l	0.0025	0.500	BRL	94.6	70-130	2.30	20
Copper	0.580		mg/l	0.0050	0.500	BRL	116	70-130	1.71	20
Chromium	0.456		mg/l	0.0050	0.500	BRL	91.2	70-130	2.17	20
Arsenic	0.485		mg/l	0.0040	0.500	BRL	97.0	70-130	2.04	20
Silver	0.254		mg/l	0.0100	0.250	BRL	102	70-130	2.33	20
Post Spike (6021274-PS1) **Source: SA41101-01**										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Iron	0.536		mg/l	0.0050	0.500	0.0897	89.3	85-115		
Nickel	0.463		mg/l	0.0050	0.500	0.0039	91.8	85-115		
Lead	0.486		mg/l	0.0030	0.500	BRL	97.2	85-115		
Selenium	0.448		mg/l	0.0150	0.500	BRL	89.6	85-115		
Antimony	0.437		mg/l	0.0120	0.500	BRL	87.4	85-115		
Zinc	0.504		mg/l	0.0050	0.500	0.0506	90.7	85-115		
Silver	0.247		mg/l	0.0100	0.250	BRL	98.8	85-115		
Arsenic	0.469		mg/l	0.0040	0.500	BRL	93.8	85-115		
Cadmium	0.460		mg/l	0.0025	0.500	BRL	92.0	85-115		
Chromium	0.447		mg/l	0.0050	0.500	BRL	89.4	85-115		
Copper	0.563		mg/l	0.0050	0.500	BRL	113	85-115		
Batch 6021276 - EPA200/SW7000 Series										
Blank (6021276-BLK1)										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Mercury	BRL		mg/l	0.00020						
LCS (6021276-BS1)										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Mercury	0.00191	QC-3	mg/l	0.00020	0.00250		76.4	80-120		
Duplicate (6021276-DUP1) **Source: SA41093-01**										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Mercury	0.00084		mg/l	0.00020		0.00093			10.2	20
Matrix Spike (6021276-MS1) **Source: SA41093-01**										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Mercury	0.00315		mg/l	0.00020	0.00250	0.00093	88.8	75-125		
Matrix Spike Dup (6021276-MSD1) **Source: SA41093-01**										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Mercury	0.00291		mg/l	0.00020	0.00250	0.00093	79.2	75-125	7.92	20
Post Spike (6021276-PS1) **Source: SA41093-01**										
Prepared: 22-Feb-06 Analyzed: 24-Feb-06										
Mercury	0.00336		mg/l	0.00020	0.00250	0.00093	97.2	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6021406 - General Preparation										
Blank (6021406-BLK1)										
Prepared: 23-Feb-06 Analyzed: 24-Feb-06										
Total Suspended Solids	BRL		mg/l	5.00						
Duplicate (6021406-DUP1) **Source: SA41034-02**										
Prepared: 23-Feb-06 Analyzed: 24-Feb-06										
Total Suspended Solids	55.0		mg/l	5.00		51.0			7.55	20
Duplicate (6021406-DUP2) **Source: SA41186-03**										
Prepared: 23-Feb-06 Analyzed: 24-Feb-06										
Total Suspended Solids	32.0		mg/l	5.00		33.0			3.08	20
Reference (6021406-SRM1)										
Prepared: 23-Feb-06 Analyzed: 24-Feb-06										
Total Suspended Solids	74.0		mg/l	10.0	81.5		90.8	85-115.1		
Batch 6021468 - General Preparation										
Blank (6021468-BLK1)										
Prepared & Analyzed: 24-Feb-06										
Cyanide (total)	BRL		mg/l	0.0100						
LCS (6021468-BS1)										
Prepared & Analyzed: 24-Feb-06										
Cyanide (total)	0.327		mg/l	0.0100	0.300		109	90-110		
Matrix Spike (6021468-MS1) **Source: SA41093-01**										
Prepared & Analyzed: 24-Feb-06										
Cyanide (total)	0.306		mg/l	0.0100	0.300	BRL	102	75-125		
Matrix Spike Dup (6021468-MSD1) **Source: SA41093-01**										
Prepared & Analyzed: 24-Feb-06										
Cyanide (total)	0.309		mg/l	0.0100	0.300	BRL	103	75-125	0.976	20
Reference (6021468-SRM1)										
Prepared & Analyzed: 24-Feb-06										
Cyanide (total)	0.388		mg/l	0.0100	0.386		101	75.1-125		

Notes and Definitions

QC-2 Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

QC-3 The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

QR-05 RPD out of acceptance range.

QR-06 The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

BRL Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

NR Not Reported

RPD Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Interpretation of Total Petroleum Hydrocarbon Report

Petroleum identification is determined by comparing the GC fingerprint obtained from the sample with a library of GC fingerprints obtained from analyses of various petroleum products. Possible match categories are as follows:

Gasoline - includes regular, unleaded, premium, etc.
Fuel Oil #2 - includes home heating oil, #2 fuel oil, and diesel
Fuel Oil #4 - includes #4 fuel oil
Fuel Oil #6 - includes #6 fuel oil and bunker "C" oil
Motor Oil - includes virgin and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

At times, the unidentified petroleum product is quantified using a calibration that most closely approximates the distribution of compounds in the sample. When this occurs, the result is qualified as *TPH (Calculated as).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

The following outlines the condition of all VPH samples contained within this report upon laboratory receipt.

Matrix	☑ Aqueous ☐ Soil ☐ Sediment ☐ Other		
Containers	☑ Satisfactory ☐ Broken ☐ Leaking		
Sample Preservative	Aqueous (acid-preserved)	☐ N/A ☑ pH≤2 ☐ pH>2 Comment:	
	Soil or Sediment	☑ N/A ☐ Samples not received in Methanol or air-tight container	ml Methanol/g soil ☐ 1:1 +/-25% ☐ Other:
		☐ Samples received in Methanol: ☐ covering soil/sediment ☐ not covering soil/sediment	
		☐ Samples received in air-tight container:	
Temperature	☐ Received on ice ☑ Received at 4 ± 2 °C ☐ Other: °C		

Were all QA/QC procedures followed as required by the VPH method? Yes ✓ No _____
Were any significant modifications made to the VPH method as specified in section 11.3? No *see below
Were all performance/acceptance standards for required QA/QC procedures achieved? Yes ✓ No _____
* Yes, if PID and FID surrogate recoveries are listed as n/a, then that sample was run via GCMS using all QC criteria specified in the method

The following outlines the condition of all EPH samples contained within this report upon laboratory receipt.

Matrix	☑ Aqueous ☐ Soil ☐ Sediment ☐ Other	
Containers	☑ Satisfactory ☐ Broken ☐ Leaking	
Aqueous Preservative	☐ N/A ☑ pH≤2 ☐ pH>2 ☐ pH adjusted to <2 in lab	Comment:
Temperature	☐ Received on ice ☑ Received at 4 ± 2 °C ☐ Other: °C	

Were all QA/QC procedures followed as required by the EPH method? Yes ✓ No _____
Were any significant modifications made to the EPH method as specified in Section 11.3? No
Were all performance/acceptance standards for required QA/QC procedures achieved? Yes ✓ No _____

I attest 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.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

SA4109 (mr)

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: ASAP
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: CEA
W. Baylister

Project Mgr.: M. Bingham

Invoice To: CEA
Please provide CEA discount pricing
1W#60002341 (OP)

P.O. No.: _____ RQN: _____

Project No.: 5475-05
Site Name: RCG-Everett
Location: Waters Ave, Everett State: MA
Sampler(s): M. Cote

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: NPDES parameters	VPH/EPH	8260	EDB 504.1	625	608 PCB	PH 1664	TSS, CN	QA Reporting Notes: (check if needed)
SA41093-01	B-5A	2/16/05	11:00	G	GW		4	4		4	✓	✓							Please Allow 10 settle before analysis
-02	B-14	"	2:30	"	"		2	1				✓							Please Filter & Preserve

☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other _____

State specific reporting standards: _____

☐ Fax results when available to (____) _____
☒ E-mail to MCote@CEA-Inc.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2C

Relinquished by:	Received by:	Date:	Time:
Michael P Cote	DEC	2/17/06	11:05
DEC	[illegible]	2/17/06	18:37