MAG90029

BATG Environmental

April 20, 2006

RECEIVED
MAY 02 2006

Mr. Doug Corb
U.S. Environmental Protection Agency
RGP-NOC Processing
Municipal Assistance (CMU)
1 Congress Street
Suite 1100 (OEP-CPE)
Boston, MA 02114-2033

Re: Notice of Intent of Remediation General Permit (RGP)
Massachusetts Highway Department
Bridge Street Bypass Project

Dear Mr. Corb:

BATG Environmental, Inc. (BATG) is pleased to present this Notice of Intent of Remediation General Permit (RGP). This permit is being requested to support construction-dewatering activities to be conducted on the site for treatment and discharge to the North River. The Project is being conducted for the Massachusetts Highway Department in Salem, MA.

Project Contacts

BATG is the Environmental Consultant/Subcontractor to The Middlesex Corporation (TMC), the General Contractor. The Massachusetts Highway Department (MHD) is considered the owner of the project. Below is the contact information for each of the entities listed above. All correspondence related to this submittal should be forwarded to the parties below.

BATG Environmental
448 Broadway
Taunton, MA 02780
Phone: 508-824-7412
Fax: 508-880-7565
Contact: Robert Ives

The Middlesex Corporation
One Spectacle Pond Road
Littleton, MA 01460
Site Phone: 978-745-7245
Site Fax: 978-745-7216
Contact: Evan McCormick

Mass. Highway Department
10 Park Plaza, Room 7360
Boston, MA 02116
Phone: 617-973-7309
Fax: 617-973-8038
Contact: Patrcia Trombly

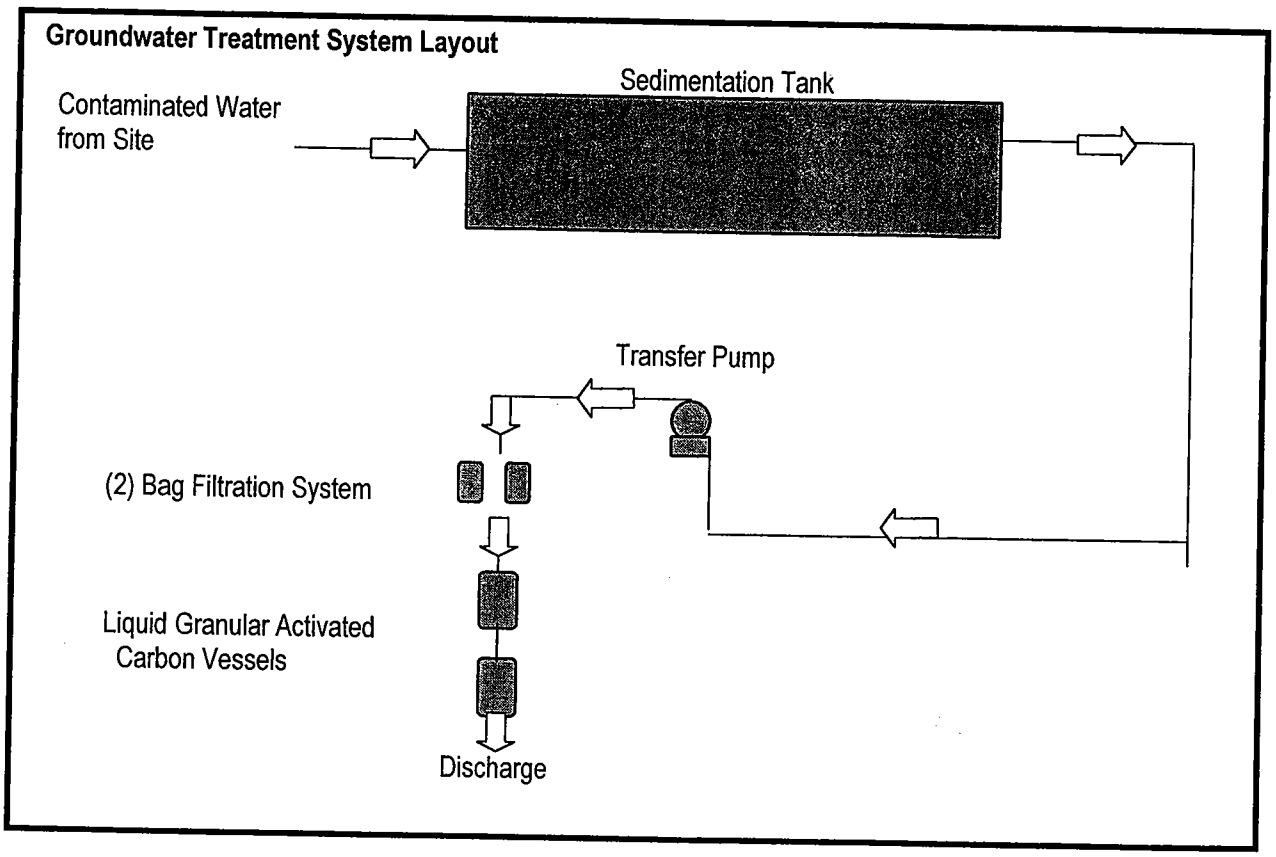
448 Broadway
Taunton, MA 02780

Existing Groundwater Data

The site history and preliminary pre-characterization of soil indicates groundwater is potentially contaminated with total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs) and volatile organic compounds (VOCs). The contaminants of concern are identified in the Notice of Intent form that was created based on available data.

Groundwater Treatment System

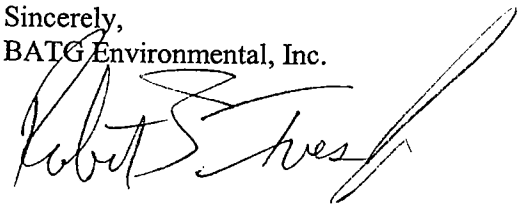
The construction dewatering and treatment system has been designed for a continuous throughput of approximately 75 gallons per minute. The system is designed to treat water contaminated with organic compounds, total suspended solids, and petroleum hydrocarbons. The system consists of two pumps, a sedimentation tank, canister filtration units with bag filters, and two 1,000-pound liquid phase granular activated carbon filters. The first pump will transfer water from the excavation to the sedimentation tank. The second pump will transfer water from the sedimentation tank to the filters and effluent. Below is a schematic of the treatment system process. The effluent pipe from the groundwater treatment system will be suspended in a storm drain that discharges to the North River.



448 Broadway
Taunton, MA 02780

Should you have any questions regarding this information, please do not hesitate to call me at (508) 824-7412. Please forward all correspondence related to this request to BATG Environmental, Inc. via fax number 508-880-7565 and the above listed address.

Sincerely,
BATG Environmental, Inc.



Robert Ives
Project Scientist

Attachments:

(1) Notice of Intent of Remediation General Permit (RGP)
(2) Site Locus
(3) Analytical Results Summary Table
(4) Laboratory Analytical

448 Broadway
Taunton, MA 02780

Attachment 1
Notice of Intent of Remediation General Permit (RGP)

448 Broadway
Taunton, MA 02780

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**: Bridge Street Bypass Project		**Facility/site** address: Bridge Street		
Location of **facility/site**: longitude: 42.31 latitude: 70.53	Facility SIC code(s):	Street: Beverly-Salem Bridge through intersection of Washington Street and Bridge Street		
b) Name of **facility/site owner:** Massachusetts Highway Department		Town: Salem		
Email address of owner: Patricia.Trombly@MHD.state.ma.us		State: MA	Zip: 01970	County: Salem
Telephone no.of facility/site **owner**: (617) 973-7309				
Fax no. of facility/site **owner**: (617) 973-8038		**Owner** is (check one): 1. Federal____ 2. State/Tribal ✔ 3. Private_____ 4. other, if so, describe:		
Address of **owner** (if different from site):				
Street: 10 Park Plaza				
Town: Boston	State: MA	Zip: 02116	County: Suffolk	
c) Legal name of **operator**: BATG Environmental, Inc.	**Operator** telephone no: (508) 824-7412			
	Operator fax no.: (508) 880-7565	**Operator** email: rives@batgenvironmental.com		
Operator contact name and title: Robert Ives, Project Scientist				

Address of **operator** (if different from owner):	Street: 448 Broadway		
Town: Taunton	State: MA	Zip: 02780	County: Bristol

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:
Excavation and dewatering for roadway reconstruction and utility installation.

b) Provide the following information about each discharge:	1) Number of discharge points: 1	2) What is the **maximum** and **average flow rate** of discharge (in cubic feet per second, ft^3/s)? Max. flow 0.16 Average flow 0.11 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. Average Flow is a designed rate of 0.11 ft3/s

3) Latitude and longitude of each discharge within 100 feet: pt.1:long. 42.31 lat. 70.53 ; pt.2: long._____ lat._____; pt.3: long._____ lat._____; pt.4:long._____ lat._____; pt.5: long._____ lat._____; pt.6:long._____ lat._____; pt.7: long._____ lat._____; pt.8:long._____ lat._____; etc.

4) If hydrostatic testing, total volume of the discharge (gals):	5) Is the discharge intermittent ✔ or seasonal ____? Is discharge ongoing Yes ____ No ✔ ?
c) Expected dates of discharge (mm/dd/yy): start 05/15/06 end 12/31/09	
d) Please attach a line drawing or flow schematic showing water flow through the facility including: 1. sources of intake water, 2. contributing flow from the operation, 3. treatment units, and 4. discharge points and receiving waters(s).	

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

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

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

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

PARAMETER	**Believe Absent**	**Believe Present**	**# of Samples (1 min-imum)**	**Type of Sample (e.g., grab)**	**Analytical Method Used (method #)**	**Minimum Level (ML) of Test Method**	**Maximum daily value**		**Avg. daily value**	
							concentration (ug/l)	**mass (kg)**	**concentration (ug/l)**	**mass (kg)**
1. Total Suspended Solids		✔								
2. Total Residual Chlorine	✔									
3. Total Petroleum Hydrocarbons		✔	2	Grab	8100	500	<500			
4. Cyanide	✔									
5. Benzene		✔	2	Grab	8160	1	<5			
6. Toluene		✔	2	Grab	8160	1	<5			
7. Ethylbenzene		✔	2	Grab	8160	1	<5			
8. (m,p,o) Xylenes		✔	2	Grab	8160	1	<5			
9. Total BTEX[4]		✔	2	Grab	8160	1	<20			

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

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

PARAMETER	Believe Absent	Believe Present	# of Samples (1 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	✔									
26. 1,1,2 Trichloroethane	✔									
27. Trichloroethylene	✔									
28. Vinyl Chloride	✔									
29. Acetone	✔									
30. 1,4 Dioxane	✔									
31. Total Phenols	✔									
32. Pentachlorophenol	✔									
33. Total Phthalates [5] (Phthalate esthers)	✔									
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✔									
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)		✔	7	Grab	8270	10	<441			
a. Benzo(a) Anthracene		✔	7	Grab	8270	10	<63			
b. Benzo(a) Pyrene		✔	7	Grab	8270	10	<63			
c. Benzo(b)Fluoranthene		✔	7	Grab	8270	10	<63			
d. Benzo(k) Fluoranthene		✔	7	Grab	8270	10	<63			
e. Chrysene		✔	7	Grab	8270	10	<63			

[5] The sum of individual phthalate compounds.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
f. Dibenzo(a,h) anthracene		✔	2	Grab	8270	10	<63			
g. Indeno(1,2,3-cd) Pyrene		✔	2	Grab	8270	10	<63			
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)		✔	2	Grab	8270	10	<567			
h. Acenaphthene		✔	2	Grab	8270	10	<63			
i. Acenaphthylene		✔	2	Grab	8270	10	<63			
j. Anthracene		✔	2	Grab	8270	10	<63			
k. Benzo(ghi) Perylene		✔	2	Grab	8270	10	<63			
l. Fluoranthene		✔	2	Grab	8270	10	<63			
m. Fluorene		✔	2	Grab	8270	10	<63			
n. Naphthalene-		✔	2	Grab	8270	10	<63			
o. Phenanthrene		✔	2	Grab	8270	10	<63			
p. Pyrene		✔	2	Grab	8270	10	<63			
37. Total Polychlorinated Biphenyls (PCBs)		✔	2	Grab	8082	0.5	45			
38. Antimony		✔	2	Grab	6010	5	20			
39. Arsenic		✔	2	Grab	6010	4	91			
40. Cadmium		✔	2	Grab	6010	1	40			
41. Chromium III		✔	2	Grab	6010	1	193			
42. Chromium VI	✔									

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		✔	2	Grab	6010	1	735			
44. Lead		✔	2	Grab	7421	200	848			
45. Mercury		✔	2	Grab	7470	0.4	22.9			
46. Nickel		✔	2	Grab	6010	1	168			
47. Selenium	✔		2	Grab						
48. Silver		✔	2	Grab	6010	1	57			
49. Zinc		✔	2	Grab	6010	2	5290			
50. Iron		✔	2	Grab	6010	2	61500			
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?
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: _____	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:
Settling Tank, Bag Filter, GAC Filter (See attached Schematic)

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 50 Maximum flow rate of treatment system 75 Design flow rate of treatment system _____

d) A description of chemical additives being used or planned to be used (attach MSDS sheets):
None

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

a) Identify the discharge pathway:	Direct_____	Within facility__	Storm drain_✔_	River/brook____	Wetlands_____	Other (describe):

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

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

d) Provide the state water quality classification of the receiving water SB

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water_____cfs
Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Yes ✔ No____ If yes, for which pollutant(s)?
Pathogens, Taste, Odor and Color

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.

See Attached.

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

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

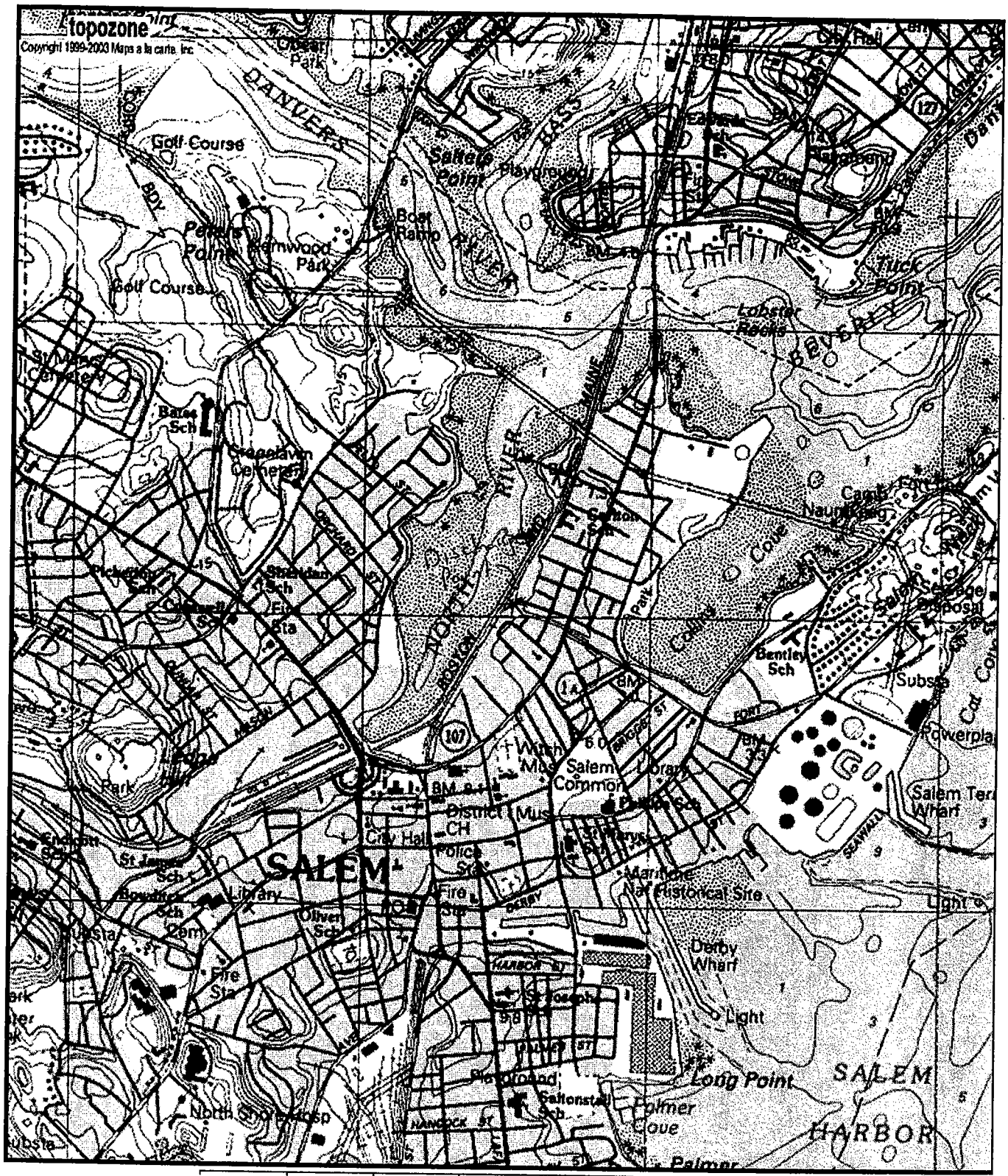
Facility/Site Name: Bridge Street Bypass Project

Operator signature: Robert S Trew Jr.

Title: Project Scientist

Date: 4-20-06

Attachment 2
Site Locus



Map center is 42° 31' 46"N, 70° 53' 34"W (WGS84/NAD83)
Salem quadrangle
Projection is UTM Zone 19 NAD83 Datum

M=-15.789
G=-1.28

Attachment 3
Analytical Results Summary Table

448 Broadway
Taunton, MA 02780

BATG Environmental, Inc.
Bridge Street Bypass Project
Remediation General Permit
Analytical Results Summary Table
4/20/2006

Sample Identification *(All units are "ppb" unless otherwise noted.)*	Remediation General Permit - Effluent Limitations Salt Water	GW SMP - Sta. 248+30	GW SMP - Sta. 264+40
Laboratory ID		**AH07961**	**AH12972**
Silver	2.2	<1	**57**
Silver(Dissolved)		<1	1
Arsenic	36	**38**	**91**
Arsenic(Dissolved)		5	<4
Barium	-	1250	1330
Barium(Dissolved)		70	264
Beryllium	-	NT	3
Beryllium(Dissolved)		NT	<1
Cadmium	8.9	2	**40**
Cadmium(Dissolved)		<1	2
Chromium	100	60	**193**
Chromium(Dissolved)		1	<1
Copper	3.7	**114**	**735**
Copper(Dissolved)		6	2
Iron	1000	**61500**	**50600**
Iron(Dissolved)		928	8
Mercury	1.1	**22.9**	**4.3**
Mercury(Dissolved)		<0.2	<0.2
Nickel	8.2	**60**	**168**
Nickel(Dissolved)		4	8
Lead	8.5	**848**	**15.4**
Lead(Dissolved)		37	21
Antimony	5.6	**13**	**20**
Antimony(Dissolved)		9	<5
Selenium	71	<10	<10
Selenium(Dissolved)		<10	<10
Thallium	-	NT	4
Thallium(Dissolved)		NT	<5
Zinc	85.6	**577**	**5290**
Zinc(Dissolved)		12	268
pH		7.57	NT
Chlorine Residual	7.5	<20	<20
Chromium, Hexavalent	50.3	<10	<10
Phenolics	300	<15	<15
Total Cyanide (Drinking Water)	5.2	<10	<10
Total Suspended Solids	50000	NT	NT
Polychlorinated Biphenyls	0.000064	<0.5	**45**
Total Petroleum Hydrocarbons (8100)	5	<500	<500
Acetone	monitor only	<10	<10
1,4-dioxane	monitor only	1.5	1.5
Tert-amyl-methyl-ether	monitor only	<5.0	<5.0
Tert-butyl alcohol	monitor only	<200	<200
BTEX	100	<20	<3.5
Benzene	-	<5	<1
Toluene	-	<5	<1
Ethylbenzene	-	<5	<1
Xylenes (m,p&o)	-	<5	<0.5
Volatiles			
1,1,1,2-Tetrachloroethane	-	<5	<1
1,1,1-Trichloroethane	200	<5	<1
1,1,2,2-Tetrachloroethane	-	<5	<0.5
1,1,2-Trichloroethane	5	<5	<1
1,1-Dichloroethane	70	<5	<1
1,1-Dichloroethene	3.2	<5	<1
1,1-Dichloropropene	-	<5	<1
1,2,3-Trichlorobenzene	-	<5	<1
1,2,3-Trichloropropane	-	<5	<1
1,2,4-Trichlorobenzene	-	<5	<1
1,2,4-Trimethylbenzene	-	<5	<1
1,2-Dibromo-3-chloropropane	-	<5	<1

BATG Environmental, Inc.
Bridge Street Bypass Project
Remediation General Permit
Analytical Results Summary Table
4/20/2006

Sample Identification *(All units are "ppb" unless otherwise noted.)*	Remediation General Permit - Effluent Limitations Salt Water	GW SMP - Sta. 248+30	GW SMP - Sta. 264+40
Laboratory ID		**AH07961**	**AH12972**
1,2-Dichlorobenzene	600	<5	<1
1,2-Dichloroethane	5	<5	<1
1,2-Dichloropropane	-	<5	<1
1,3,5-Trimethylbenzene	-	<5	<1
1,3-Dichlorobenzene	320	<5	<1
1,3-Dichloropropane	-	<5	<1
1,4-Dichlorobenzene	5	<5	<1
2,2-Dichloropropane	-	<5	<1
2-Chlorotoluene	-	<5	<1
4-Chlorotoluene	-	<5	<1
Bromobenzene	-	<5	<1
Bromochloromethane	-	<5	<1
Bromodichloromethane	-	<5	<0.5
Bromoform	-	<5	<1
Bromomethane	-	<5	<1
Carbon tetrachloride	4.4	<5	<1
Chlorobenzene	-	<5	<1
Chloromethane	-	<5	<1
Chloroform	-	<5	<1
Chloromethane	-	<5	<1
cis-1,2-Dichloroethene	70	<5	<1
cis-1,3-Dichloropropene	-	<5	<0.5
Dibromochloromethane	-	<5	<0.5
Dibromoethane	-	<5	<1
Dibromomethane	-	<5	<1
Dichlorodifluoromethane	-	<5	<1
Hexachlorobutadiene	-	<5	<0.4
Isopropylbenzene	-	<5	<1
Methyl Ethyl Ketone	-	<60	<1
Methyl t-butyl ether (MTBE)	70	<10	<1
Methylene chloride	4.6	<5	<1
n-Butylbenzene	-	<5	<1
n-Propylbenzene	-	<5	<1
Naphthalene	20	<5	<1
p-Isopropyltoluene	-	<5	<1
sec-Butylbenzene	-	<5	<1
Styrene	-	<5	<1
tert-Butylbenzene	-	<5	<1
Tetrachloroethene	5	<5	<1
trans-1,2-Dichloroethene	-	<5	<1
trans-1,3-Dichloropropene	-	<5	<0.5
Trichloroethene	5	<5	<1
Trichlorofluoromethane	-	<5	<1
Vinyl chloride	2	<5	<1
Total Group II PAH's	100	ND	55
Semivolatiles			
1,2,4-Trichlorobenzene	-	<63	<10
1,2-Dichlorobenzene	-	<63	<10
1,2-Diphenylhydrazine	-	<63	<10
1,3-Dichlorobenzene	-	<63	<10
1,4-Dichlorobenzene	-	<63	<10
2,4,5-Trichlorophenol	-	<63	<10
2,4,6-Trichlorophenol	-	<63	<10
2,4-Dichlorophenol	-	<63	<10
2,4-Dimethylphenol	-	<63	<10
2,4-Dinitrophenol	-	<310	<50
2,4-Dinitrotoluene	-	<63	<10
2,6-Dichlorophenol	-	<63	<10
2,6-Dinitrotoluene	-	<63	<10
2-Chloronaphthalene	-	<63	<10
2-Chlorophenol	-	<63	<10
2-Methylnaphthalene	-	<63	<10
2-Methylphenol (o-cresol)	-	<63	<10
2-Nitroaniline	-	<310	<50
2-Nitrophenol	-	<63	<10
3&4-Methylphenol (m&p-cresol)	-	<63	<10

BATG Environmental, Inc.
Bridge Street Bypass Project
Remediation General Permit
Analytical Results Summary Table
4/20/2006

Sample Identification *(All units are "ppb" unless otherwise noted.)*	Remediation General Permit - Effluent Limitations Salt Water	GW SMP - Sta. 248+30	GW SMP - Sta. 264+40
Laboratory ID		AH07961	AH12972
3,3'-Dichlorobenzidine	-	<130	<20
3-Nitroaniline	-	<310	<50
4,6-Dinitro-2-methylphenol	-	<310	<50
4-Bromophenyl phenyl ether	-	<63	<10
4-Chloro-3-methylphenol	-	<130	<20
4-Chloroaniline	-	<130	<20
4-Chlorophenyl phenyl ether	-	<63	<10
4-Nitroaniline	-	<310	<50
4-Nitrophenol	-	<310	<50
Acenaphthene	-	<63	<10
Acenaphthylene	-	<63	<10
Anthracene	10	<63	<10
Benz(a)anthracene	5	<63	9
Benzidine	-	<63	<10
Benzo(a)pyrene	10	<63	7.5
Benzo(b)fluoranthene	10	<63	4.1
Benzo(ghi)perylene	5	<63	<10
Benzo(k)fluoranthene	10	<63	4.1
Benzoic acid	-	<310	<50
Benzyl alcohol	-	<130	<20
Benzyl butyl phthalate	-	<63	<10
Bis(2-chloroethoxy)methane	-	<63	<10
Bis(2-chloroethyl)ether	-	<63	<10
Bis(2-chloroisopropyl)ether	-	<63	<10
Bis(2-ethylhexyl)phthalate	6	<63	260
Chrysene	10	<63	9.5
Di-n-butylphthalate	-	<63	<10
Di-n-octylphthalate	-	<63	<10
Dibenz(a,h)anthracene	10	<63	<10
Dibenzofuran	-	<63	<10
Diethyl phthalate	-	<63	<10
Dimethylphthalate	-	<63	<10
Fluoranthene	1	<63	22
Fluorene	10	<63	<10
Hexachlorobenzene	-	<63	<1
Hexachlorobutadiene	-	<63	<10
Hexachlorocyclopentadiene	-	<63	<10
Hexachloroethane	-	<63	<3
Indeno(1,2,3-cd)pyrene	10	<63	<10
Isophorone	-	<63	<10
N-Nitrosodi-n-propylamine	-	<63	<10
N-Nitrosodimethylamine	-	<63	<10
N-Nitrosodiphenylamine	-	<63	<10
Naphthalene	2	<63	<10
Nitrobenzene	-	<63	<10
Pentachlorophenol	1	<63	<1
Phenanthrene	5	<63	15
Phenol	-	<63	<10
Pyrene	5	<63	18
Pyridine	-	<63	<10
Total SVOC's		ND	349.2

Bolded results indicate levels greater than RGP effluent limitations for salt water
ND = Not Detected
NT = Not Tested

Attachment 4
Laboratory Analytical

448 Broadway
Taunton, MA 02780

CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp Pg of

Data Delivery (check one):
☐ Fax #:
☐ Email:
Format: ☐ Excel ☐ Pdf ☐ Gis Key

Customer:
Address:
Project:
Report to:
Invoice to:
Project P.O:
Phone #:
Fax #:

Sampler's Signature
Date

Client Sample - Information - Identification

Analysis Request

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=Oil
GW=groundwater **SL**=sludge **A**=air **X**=Other

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container ( )oz	GL Soil container ( )oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.
☐ RCP Certification

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

PHOENIX
Environmental Laboratories, Inc.

APR - 3 2006

Wednesday, March 29, 2006

Batq
448 Broadwav
Taunton MA 02780

Attention: Mr Phil Peterson

Sample ID#: AH07961

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003
PA Lab Registration #68-03530

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 ▪ Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
March 29, 2006

FOR: Attn: Mr. Robert Ives
BATG Environmental Inc.
448 Broadway
Taunton, MA 02780

Sample Information

Matrix: WATER
Location Code: BATGTAUN
Rush Request:
P.O.#: 06-100

Custody Information

		Date	Time
Collected by:	RI	03/15/06	9:48
Received by:	DL	03/15/06	16:45
Analyzed by:	see "By" below		

Laboratory Data

SDG I.D.: GAH07961
Phoenix I.D.: AH07961

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	03/16/06		EK	200.7/6010
Arsenic	0.038	0.004	mg/L	03/20/06		EK	200.7/6010
Barium	1.25	0.002	mg/L	03/16/06		EK	6010/E200.7
Cadmium	0.002	0.001	mg/L	03/16/06		EK	6010/E200.7
Chromium	0.06	0.001	mg/L	03/16/06		EK	200.7/6010
Silver (Dissolved)	< 0.001	0.001	mg/L	03/20/06		EK	200.7/6010
Arsenic (Dissolved)	0.005	0.004	mg/L	03/20/06		EK	200.7/6010
Barium (Dissolved)	0.07	0.002	mg/L	03/20/06		EK	6010/E200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	03/20/06		EK	200.7/6010
Chromium (Dissolved)	0.001	0.001	mg/L	03/20/06		EK	200.7/6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	03/17/06		RS	SW-7470
Lead (Dissolved)	0.037	0.001	mg/L	03/21/06		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	03/20/06		EK	200.7/6010
Mercury	0.0229	0.0020	mg/L	03/17/06		RS	7470/E245.1
Lead (Furnace)	0.848	0.01	mg/L	03/21/06		RS	7421/S3113B
Selenium	< 0.01	0.01	mg/L	03/20/06		EK	6010/200.7
Chlorine Residual	< 0.02	0.02	mg/L	03/15/06	23:00	CD	4500Cl-G
Chromium, Hexavalent	< 0.01	0.01	mg/L	03/15/06	23:00	CD	S3500CRD
Phenolics	< 0.015	0.015	mg/L	03/27/06		J/G	E420.2
Total Cyanide	< 0.01	0.01	mg/L	03/21/06		M/G	9010/335.3
MADEP MCP 8082 Certification	Completed			03/22/06		MH	MCP
MADEP MCP 8260 Certification	Completed			03/20/06		JH	MCP
MADEP MCP 8270 Certification	Completed			03/21/06		RM	MCP
MADEP MCP 7196 Certification	Completed			03/23/06		CD	MCP

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
MADEP MCP 7470/7471 Certification	Completed			03/23/06		RS	MCP
MADEP MCP 6010 Certification	Completed			03/21/06		EK	MCP
Filtration Dissolved Metals	Completed			03/15/06		AG	.45um Filter
Dissolved Mercury Digestion	Completed		NA	03/16/06		E	SW7470
Mercury Digestion	Completed			03/16/06		E	E245.1
PCB Extraction	Completed			03/15/06		M	SW3510/3520
Semi-Volatile Extraction	Completed			03/15/06		O	SW3510/3520
Dissolved Metals Preparation	Completed			03/15/06		AG	SW846-3005
Total Metals Digestion	Completed			03/15/06		AG	
Extraction of TPH MOD 8100	Completed			03/15/06		O	3550/5030
Polychlorinated Biphenyls							
PCB-1016	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1221	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1232	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1242	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1248	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1254	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1260	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1262	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1268	ND	0.5	ug/L	03/16/06		MH	608/ 8082
QA/QC Surrogates							
% DCBP (Surrogate Rec)	43		%	03/16/06		MH	608/ 8082
% TCMX (Surrogate Rec)	92		%	03/16/06		MH	608/ 8082
TPH by GC (Extractable Products)							
Aviation Fuel/Kerosene	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Fuel Oil #2/ Diesel Fuel	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Fuel Oil #4	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Fuel Oil #6	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Motor Oil	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Other Oil (Cutting & Lubricating)	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Unidentified	ND	0.5	mg/L	03/18/06		JRB	8100Modified
QA/QC Surrogates							
% n-Pentacosane	104		%	03/18/06		JRB	8100Modified
Acetone	< 10	10	ug/l	03/15/06		RM	SW8260
1,4-dioxane	1.5	1.0	ug/l	03/23/06		RM	8260 MOD
Tert-amyl-methyl-ether	< 5.0	5.0	ug/L	03/15/06		RM	SW8260
Tert-butyl alcohol	< 200	200	ug/L	03/15/06		RM	SW8260
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1,1-Trichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1-Dichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
1,1-Dichloropropene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,3-Trichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,3-Dichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,3-Dichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,4-Dichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
2,2-Dichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
2-Chlorotoluene	ND	5	ug/L	03/16/06		R/J	SW8260
4-Chlorotoluene	ND	5	ug/L	03/16/06		R/J	SW8260
Benzene	ND	5	ug/L	03/16/06		R/J	SW8260
Bromobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Bromochloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Bromodichloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Bromoform	ND	5	ug/L	03/16/06		R/J	SW8260
Bromomethane	ND	5	ug/L	03/16/06		R/J	SW8260
Carbon tetrachloride	ND	5	ug/L	03/16/06		R/J	SW8260
Chlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Chloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
Chloroform	ND	5	ug/L	03/16/06		R/J	SW8260
Chloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
cis-1,2-Dichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
cis-1,3-Dichloropropene	ND	5	ug/L	03/16/06		R/J	SW8260
Dibromochloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Dibromoethane	ND	5	ug/L	03/16/06		R/J	SW8260
Dibromomethane	ND	5	ug/L	03/16/06		R/J	SW8260
Dichlorodifluoromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Ethylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Hexachlorobutadiene	ND	5	ug/L	03/16/06		R/J	SW8260
Isopropylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
m&p-Xylene	ND	5	ug/L	03/16/06		R/J	SW8260
Methyl Ethyl Ketone	ND	60	ug/L	03/16/06		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	03/16/06		R/J	SW8260
Methylene chloride	ND	5	ug/L	03/16/06		R/J	SW8260
n-Butylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
n-Propylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	5	ug/L	03/16/06		R/J	SW8260
o-Xylene	ND	5	ug/L	03/16/06		R/J	SW8260
p-Isopropyltoluene	ND	5	ug/L	03/16/06		R/J	SW8260
sec-Butylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Styrene	ND	5	ug/L	03/16/06		R/J	SW8260
tert-Butylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Tetrachloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
Toluene	ND	5	ug/L	03/16/06		R/J	SW8260
Total Xylenes	ND	5	ug/L	03/16/06		R/J	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
trans-1,3-Dichloropropene	ND	5	ug/L	03/16/06		R/J	SW8260
Trichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
Trichlorofluoromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Vinyl chloride	ND	5	ug/L	03/16/06		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	03/16/06		R/J	SW8260
% Bromofluorobenzene	107		%	03/16/06		R/J	SW8260
% Dibromofluoromethane	117		%	03/16/06		R/J	SW8260
% Toluene-d8	129		%	03/16/06		R/J	SW8260
Semivolatiles							
1,2,4-Trichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
1,2-Dichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
1,2-Diphenylhydrazine	ND	63	ug/L	03/17/06		RM	SW 8270
1,3-Dichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
1,4-Dichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
2,4,5-Trichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4,6-Trichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4-Dichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4-Dimethylphenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4-Dinitrophenol	ND	310	ug/L	03/17/06		RM	SW 8270
2,4-Dinitrotoluene	ND	63	ug/L	03/17/06		RM	SW 8270
2,6-Dichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,6-Dinitrotoluene	ND	63	ug/L	03/17/06		RM	SW 8270
2-Chloronaphthalene	ND	63	ug/L	03/17/06		RM	SW 8270
2-Chlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2-Methylnaphthalene	ND	63	ug/L	03/17/06		RM	SW 8270
2-Methylphenol (o-cresol)	ND	63	ug/L	03/17/06		RM	SW 8270
2-Nitroaniline	ND	310	ug/L	03/17/06		RM	SW 8270
2-Nitrophenol	ND	63	ug/L	03/17/06		RM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	63	ug/L	03/17/06		RM	SW 8270
3,3'-Dichlorobenzidine	ND	130	ug/L	03/17/06		RM	SW 8270
3-Nitroaniline	ND	310	ug/L	03/17/06		RM	SW 8270
4,6-Dinitro-2-methylphenol	ND	310	ug/L	03/17/06		RM	SW 8270

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Bromophenyl phenyl ether	ND	63	ug/L	03/17/06		RM	SW 8270
4-Chloro-3-methylphenol	ND	130	ug/L	03/17/06		RM	SW 8270
4-Chloroaniline	ND	130	ug/L	03/17/06		RM	SW 8270
4-Chlorophenyl phenyl ether	ND	63	ug/L	03/17/06		RM	SW 8270
4-Nitroaniline	ND	310	ug/L	03/17/06		RM	SW 8270
4-Nitrophenol	ND	310	ug/L	03/17/06		RM	SW 8270
Acenaphthene	ND	63	ug/L	03/17/06		RM	SW 8270
Acenaphthylene	ND	63	ug/L	03/17/06		RM	SW 8270
Anthracene	ND	63	ug/L	03/17/06		RM	SW 8270
Benz(a)anthracene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzidine	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(a)pyrene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(b)fluoranthene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(ghi)perylene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(k)fluoranthene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzoic acid	ND	310	ug/L	03/17/06		RM	SW 8270
Benzyl alcohol	ND	130	ug/L	03/17/06		RM	SW 8270
Benzyl butyl phthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-chloroethoxy)methane	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-chloroethyl)ether	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-chloroisopropyl)ether	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Chrysene	ND	63	ug/L	03/17/06		RM	SW 8270
Di-n-butylphthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Di-n-octylphthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Dibenz(a,h)anthracene	ND	63	ug/L	03/17/06		RM	SW 8270
Dibenzofuran	ND	63	ug/L	03/17/06		RM	SW 8270
Diethyl phthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Dimethylphthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Fluoranthene	ND	63	ug/L	03/17/06		RM	SW 8270
Fluorene	ND	63	ug/L	03/17/06		RM	SW 8270
Hexachlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
Hexachlorobutadiene	ND	63	ug/L	03/17/06		RM	SW 8270
Hexachlorocyclopentadiene	ND	63	ug/L	03/17/06		RM	SW 8270
Hexachloroethane	ND	63	ug/L	03/17/06		RM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	63	ug/L	03/17/06		RM	SW 8270
Isophorone	ND	63	ug/L	03/17/06		RM	SW 8270
N-Nitrosodi-n-propylamine	ND	63	ug/L	03/17/06		RM	SW 8270
N-Nitrosodimethylamine	ND	63	ug/L	03/17/06		RM	SW 8270
N-Nitrosodiphenylamine	ND	63	ug/L	03/17/06		RM	SW 8270
Naphthalene	ND	63	ug/L	03/17/06		RM	SW 8270
Nitrobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
Pentachlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
Phenanthrene	ND	63	ug/L	03/17/06		RM	SW 8270

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
Phenol	ND	63	ug/L	03/17/06		RM	SW 8270
Pyrene	ND	63	ug/L	03/17/06		RM	SW 8270
Pyridine	ND	63	ug/L	03/17/06		RM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	89		%	03/17/06		RM	SW 8270
% 2-Fluorobiphenyl	74		%	03/17/06		RM	SW 8270
% 2-Fluorophenol	47		%	03/17/06		RM	SW 8270
% Nitrobenzene-d5	65		%	03/17/06		RM	SW 8270
% Phenol-d5	59		%	03/17/06		RM	SW 8270
% Terphenyl-d14	33		%	03/17/06		RM	SW 8270

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
March 29, 2006

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 29, 2006

QA/QC Data

SDG I.D.: GAH07961

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AH07352 (AH07961)								
ICP Metals - Dissolved								
Aluminum	BDL	NC	91.1			97.6	96.4	1.2
Antimony	BDL	NC	89.8			91.8	91.9	0.1
Arsenic	BDL	NC	88.8			93.0	92.8	0.2
Barium	BDL	1.00	92.3			95.2	93.5	1.8
Beryllium	BDL	NC	91.8			96.2	94.6	1.7
Boron	BDL	---	---			---	---	
Cadmium	BDL	NC	90.8			93.2	92.6	0.6
Calcium	BDL	---	---			---	---	
Chromium	BDL	NC	90.6			94.9	93.8	1.2
Cobalt	BDL	NC	91.2			94.0	92.9	1.2
Copper	BDL	NC	93.6			98.5	97.4	1.1
Iron	BDL	2.50	91.9			96.6	98.0	1.4
Lead	BDL	NC	88.3			90.6	91.0	0.4
Magnesium	BDL	---	---			---	---	
Manganese	BDL	0.9	93.0			94.2	95.2	1.1
Molybdenum	BDL	---	---			---	---	
Nickel	BDL	NC	91.8			94.3	92.5	1.9
Phosphorus	BDL	---	---			---	---	
Potassium	BDL	---	---			---	---	
Selenium	BDL	NC	87.9			92.8	91.8	1.1
Silver	BDL	NC	92.6			84.2	83.8	0.5
Sodium	BDL	---	---			---	---	
Thallium	BDL	NC	92.8			94.0	93.8	0.2
Tin	BDL	---	---			---	---	
Vanadium	BDL	NC	93.3			97.2	96.8	0.4
Zinc	BDL	NC	89.1			93.5	92.4	1.2
QA/QC Batch Sample No: AH07793 (AH07961)								
ICP Metals - Aqueous								
Aluminum	BDL	0.4	98.7			94.0	92.3	1.8
Antimony	BDL	NC	96.6			96.5	94.9	1.7
Arsenic	BDL	NC	97.9			98.2	97.7	0.5

QA/QC Data

SDG I.D.: GAH07961

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Barium	BDL	NC	101			99.8	98.9	0.9
Beryllium	BDL	NC	102			101	100	1.0
Boron	BDL	---	---			---	---	
Cadmium	BDL	NC	99.2			98.8	97.6	1.2
Calcium	BDL	---	---			---	---	
Chromium	BDL	NC	99.8			99.4	97.5	1.9
Cobalt	BDL	NC	100			99.3	98.5	0.8
Copper	BDL	NC	101			96.8	99.6	2.9
Iron	0.004	1.10	101			99.9	99.7	0.2
Lead	BDL	NC	99.1			97.4	97.6	0.2
Magnesium	BDL	---	---			---	---	
Manganese	BDL	1.40	101			101	98.2	2.8
Molybdenum	BDL	---	---			---	---	
Nickel	BDL	NC	100			99.3	99.2	0.1
Phosphorus	BDL	---	---			---	---	
Selenium	0.013	NC	96.7			95.7	95.0	0.7
Silver	0.001	NC	103			102	103	1.0
Thallium	BDL	NC	98.0			98.7	97.4	1.3
Tin	BDL	---	---			---	---	
Vanadium	BDL	NC	102			101	99.4	1.6
Zinc	BDL	NC	99.9			101	100	1.0
QA/QC Batch Sample No: AH08003 (AH07961)								
Mercury	BDL	NR	94			88	86	2.3

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate

Phyllis Shiller, Laboratory Director
March 29, 2006

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 29, 2006

QA/QC Data

SDG I.D.: GAH07961

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AH07446 (AH07961)								
Total Cyanide	BDL		93			111		
QA/QC Batch Sample No: AH07961 (AH07961)								
Chlorine Residual	BDL		99.6					
QA/QC Batch Sample No: AH07961 (AH07961)								
Chromium, Hexavalent	BDL	NR	100.0			100.0		
QA/QC Batch Sample No: AH09507 (AH07961)								
Phenolics	BDL	NR	89			81		

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate

Phyllis Shiller, Laboratory Director
March 29, 2006

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 29, 2006

QA/QC Data

SDG I.D.: GAH07961

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AH05700 (AH07961)							
Polychlorinated Biphenyls							
PCB-1016	ND				114	97	16.1
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND				95	90	5.4
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	89				90	83	8.1
% TCMX (Surrogate Rec)	94				97	96	1.0
Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.							
QA/QC Batch Sample No: AH06702 (AH07961)							
Semivolatiles							
1,2,4-Trichlorobenzene	ND	87			87	67	26.0
1,2-Dichlorobenzene	ND	85			85	65	26.7
1,2-Diphenylhydrazine	ND						
1,3-Dichlorobenzene	ND	82			82	62	27.8
1,4-Dichlorobenzene	ND	87			87	65	28.9
2,4,5-Trichlorophenol	ND	81			81	64	23.4
2,4,6-Trichlorophenol	ND	81			81	67	18.9
2,4-Dichlorophenol	ND	88			88	66	28.6
2,4-Dimethylphenol	ND	94			94	76	21.2
2,4-Dinitrophenol	ND	85					
2,4-Dinitrotoluene	ND	99			99	84	16.4
2,6-Dichlorophenol	ND						
2,6-Dinitrotoluene	ND	93			93	80	15.0
2-Chloronaphthalene	ND	88			88	70	22.8
2-Chlorophenol	ND	81			81	61	28.2
2-Methylnaphthalene	ND	90			90	71	23.6
2-Methylphenol (o-cresol)	ND	89			89	68	26.8
2-Nitroaniline	ND						

QA/QC Data

SDG I.D.: GAH07961

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
2-Nitrophenol	ND	85			85	64	28.2
3&4-Methylphenol (m&p-cresol)	ND	88			88	69	24.2
3,3'-Dichlorobenzidine	ND						
3-Nitroaniline	ND	105			105	88	17.6
4,6-Dinitro-2-methylphenol	ND					103	
4-Bromophenyl phenyl ether	ND	93			93	78	17.5
4-Chloro-3-methylphenol	ND	91			91	76	18.0
4-Chloroaniline	ND	85			85	63	29.7
4-Chlorophenyl phenyl ether	ND	93			93	79	16.3
4-Nitroaniline	ND	105			105	88	17.6
4-Nitrophenol	ND						
Acenaphthene	ND	87			87	71	20.3
Acenaphthylene	ND	83			83	67	21.3
Anthracene	ND	94			94	80	16.1
Benz(a)anthracene	ND	96			96	84	13.3
Benzidine	ND						
Benzo(a)pyrene	ND	89			89	75	17.1
Benzo(b)fluoranthene	ND	91			91	83	9.2
Benzo(ghi)perylene	ND	96			96	83	14.5
Benzo(k)fluoranthene	ND	103			103	88	15.7
Benzoic acid	ND						
Benzyl alcohol	ND					100	
Benzyl butyl phthalate	ND	88			88	81	8.3
Bis(2-chloroethoxy)methane	ND	87			87	71	20.3
Bis(2-chloroethyl)ether	ND	87			87	67	26.0
Bis(2-chloroisopropyl)ether	ND	87			87	67	26.0
Bis(2-ethylhexyl)phthalate	ND	93			93	85	9.0
Chrysene	ND	96			96	83	14.5
Di-n-butylphthalate	ND	100			100	88	12.8
Di-n-octylphthalate	ND	97			97	87	10.9
Dibenz(a,h)anthracene	ND	106			106	88	18.6
Dibenzofuran	ND	91			91	75	19.3
Diethyl phthalate	ND	99			99	86	14.1
Dimethylphthalate	ND	96			96	82	15.7
Fluoranthene	ND	106			106	91	15.2
Fluorene	ND	94			94	78	18.6
Hexachlorobenzene	ND	106			106	91	15.2
Hexachlorobutadiene	ND	95			95	71	28.9
Hexachlorocyclopentadiene	ND						
Hexachloroethane	ND	89			89	67	28.2
Indeno(1,2,3-cd)pyrene	ND	105			105	89	16.5
Isophorone	ND	87			87	73	17.5

QA/QC Data

SDG I.D.: GAH07961

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
N-Nitrosodi-n-propylamine	ND	94			94	74	23.8
N-Nitrosodimethylamine	ND	73			73	51	35.5
N-Nitrosodiphenylamine	ND						
Naphthalene	ND	91			91	70	26.1
Nitrobenzene	ND	99			99	77	25.0
Pentachlorophenol	ND	72			72	58	21.5
Phenanthrene	ND	98			98	83	16.6
Phenol	ND	74			74	54	31.3
Pyrene	ND	99			99	87	12.9
Pyridine	ND						
% 2,4,6-Tribromophenol	53	13			66	56	16.4
% 2-Fluorobiphenyl	76	17			87	70	21.7
% 2-Fluorophenol	64	13			65	45	36.4
% Nitrobenzene-d5	84	18			91	71	24.7
% Phenol-d5	68	14			71	51	32.8
% Terphenyl-d14	77	18			92	79	15.2

Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch Sample No: AH07541 (AH07961)

TPH by GC (Extractable Products)

Aviation Fuel/Kerosene	ND						
Fuel Oil #2/ Diesel Fuel	ND				99	104	4.9
Fuel Oil #4	ND						
Fuel Oil #6	ND						
Motor Oil	ND						
Other Oil (Cutting & Lubricating)	ND						
Unidentified	ND						

Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch Sample No: AH07598 (AH07961)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	95			44	47	6.6
1,1,1-Trichloroethane	ND	92			80	107	28.9
1,1,2,2-Tetrachloroethane	ND	85			79	92	15.2
1,1,2-Trichloroethane	ND	100			84	146	53.9
1,1-Dichloroethane	ND	98			86	109	23.6
1,1-Dichloroethene	ND	89			83	108	26.2
1,1-Dichloropropene	ND	96			82	126	42.3
1,2,3-Trichlorobenzene	ND	125			94	100	6.2
1,2,3-Trichloropropane	ND	95			81	91	11.6
1,2,4-Trichlorobenzene	ND	124			90	98	8.5
1,2,4-Trimethylbenzene	ND	87			75	91	19.3
1,2-Dibromo-3-chloropropane	ND	99			74	106	35.6

QA/QC Data

SDG I.D.: GAH07961

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2-Dichlorobenzene	ND	89			79	97	20.5
1,2-Dichloroethane	ND	106			98	146	39.3
1,2-Dichloropropane	ND	96			84	139	49.3
1,3,5-Trimethylbenzene	ND	84			72	90	22.2
1,3-Dichlorobenzene	ND	88			77	91	16.7
1,3-Dichloropropane	ND	95			97	92	5.3
1,4-Dichlorobenzene	ND	89			78	92	16.5
2,2-Dichloropropane	ND	98			77	100	26.0
2-Chlorotoluene	ND	84			75	90	18.2
4-Chlorotoluene	ND	88			76	91	18.0
Benzene	ND	98			87	119	31.1
Bromobenzene	ND	93			82	98	17.8
Bromochloromethane	ND	109			98	112	13.3
Bromodichloromethane	ND	122			106	126	17.2
Bromoform	ND	100			100	101	1.0
Bromomethane	ND	111			74	108	37.4
Carbon tetrachloride	ND	90			79	134	51.6
Chlorobenzene	ND	93			82	93	12.6
Chloroethane	ND	113			84	140	50.0
Chloroform	ND	104			93	112	18.5
Chloromethane	ND	115			106	136	24.8
cis-1,2-Dichloroethene	ND	109			93	112	18.5
cis-1,3-Dichloropropene	ND	163			145	164	12.3
Dibromochloromethane	ND	94			95	94	1.1
Dibromoethane	ND	106			90	150	50.0
Dibromomethane	ND	113			102	175	52.7
Dichlorodifluoromethane	ND	132			120	169	33.9
Ethylbenzene	ND	89			78	94	18.6
Hexachlorobutadiene	ND	123			93	96	3.2
Isopropylbenzene	ND	91			67	99	38.6
m&p-Xylene	ND	93			75	94	22.5
Methyl t-butyl ether (MTBE)	ND	113			51	73	35.5
Methylene chloride	ND	96			117	107	8.9
n-Butylbenzene	ND	96			72	86	17.7
n-Propylbenzene	ND	84			70	93	28.2
Naphthalene	ND	124			79	90	13.0
o-Xylene	ND	85			82	96	15.7
p-Isopropyltoluene	ND	90			70	87	21.7
sec-Butylbenzene	ND	82			71	87	20.3
Styrene	ND	91			175	194	10.3
tert-Butylbenzene	ND	82			70	87	21.7
Tetrachloroethene	ND	75			117	85	31.7

QA/QC Data

SDG I.D.: GAH07961

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Toluene	ND	149			134	125	6.9
trans-1,2-Dichloroethene	ND	96			86	114	28.0
trans-1,3-Dichloropropene	ND	102			113	147	26.2
Trichloroethene	ND	94			83	100	18.6
Trichlorofluoromethane	ND	104			82	112	30.9
Vinyl chloride	ND	110			92	126	31.2
% 1,2-dichlorobenzene-d4	76	100			101	107	5.8
% Bromofluorobenzene	114	98			117	105	10.8
% Dibromofluoromethane	120	110			110	113	2.7
% Toluene-d8	97	150			156	123	23.7
QA/QC Batch Sample No: AH09421 (AH07961)							
1,4-dioxane							
1,4-dioxane	BDL				100	108	7.7

Comment: LFB was analyzed with this batch instead of MS/MSD

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate

Phyllis Shiller, Laboratory Director
March 29, 2006

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Certification Report

March 29, 2006

SDG I.D.: GAH07961

MADEP MCP 8082 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table V A-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes.

8082 Narration:

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.

Printed Name	Michael Hahn
Position:	Chemist
Date:	3/22/2006 3:25:26 PM

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Certification Report

March 29, 2006

SDG I.D.: GAH07961

MADEP MCP 8260 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table II A-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes, with the following exceptions.

8260 Narration:
Initial Calibration Verification:
All SPCCs, CCCs and >90% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >90% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

All LCS recoveries were within 70-130 with the folowing exceptions: Cis-1,3-Dichloropropene, Dichlorodifluoromethane and Toluene. The following compounds from the MCP analyte list were not performed: acetone, (TAME), Carbon disulfide, diethyl ether, diisopropyl ether, 1,4 dioxane, (ETBE), hexanone, (MIBK), and (THF).

The RPDs between the MS/MSD for some of the compounds may be greater than acceptance criteria. A dual concentrator with robotic autosampler was used in this case. One MS is analyzed on one concentrator and the MSD is analyzed on the other concentrator. The high RPDs can be attributed to possible differences between the two concentrators. Note that the majority of recoveries met criteria.

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.

Printed Name Johanna Harrington
Position: Chemist
Date: 3/20/2006 8:24:03 AM

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Certification Report

March 29, 2006

SDG I.D.: GAH07961

MADEP MCP 8270 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table II B-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes, with the following exceptions.

8270 Narration:

Initial Calibration:
All SPCCs, CCCs and >90% of target compounds met criteria.

Continuing Calibration:
All SPCCs, CCCs and >90% of target compounds met criteria.

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

For soil samples, the matrix spike and matrix spike duplicate were spiked with the ten compounds that historically have been used to monitor performance and the LCS was spiked with all of the target compounds using a 2nd source standard.

For water samples unless specified, an LCS/LCSD was performed which contains all of the target compunds.

Acetophenone, aniline and azobenzene are not reported in the laboratory 8270 compound list.

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.

Printed Name	Raman Makol
Position:	Chemist
Date:	3/21/2006 8:38:22 PM

MADEP MCP 7196 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table VI B-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes, with the following exceptions.

Hexavalent Chromium Narration:

No observations noted.

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.

Printed Name	Cecil Dekle
Position:	Chemist
Date:	3/23/2006 8:56:56 PM

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Certification Report

March 29, 2006

SDG I.D.: GAH07961

MADEP MCP 7470/7471 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table III B-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes, with the following exceptions.

Mercury Narration:
The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.

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.

Printed Name	Rick Schweitzer
Position:	Chemist
Date:	3/23/2006 11:33:32 AM

MADEP MCP 6010 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table III A-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes, with the following exceptions.

6010 Narration:Soils, aqueous digests, and TCLP extracts are run in the same analytical run. The method blank and laboratory control sample are matrix matched; the standards and calibration blanks may not exactly have the same acid concentration as the samples. The client request a shorter list of compounds than that listed in the MCP. The client request a shorter list of compounds than that listed in the MCP.

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.

Printed Name	Emily Kolominskaya
Position:	Chemist
Date:	3/21/2006 10:01:33 AM

MADEP MCP Response Action Analytical Report Certification Form

Laboratory Name: Phoenix Environmental Laboratories, Inc. **Project #:**

Project Location: BRIDGE STREET BYPASS **MADEP RTN1:**

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

AH07961

Sample Matrices: [1] ☑ Groundwater ☐ Soil/Sediment ☐ Drinking Water ☐ Other:

MCP SW-846 Methods Used					
	☑ 8260B	☐ 8151A	☐ 8330	☑ 6010B	☑ 7470A/1A
	☑ 8270C	☐ 8081A	☐ VPH	☐ 6020	☐ 9014M2
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	☑ 8082	☐ 8021B	☐ EPH	☐ 7000S3	☐ 7196A

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Metho
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 ☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Refer to attached MCP Certification (s).
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Refer to attached MCP Certification (s).
D	VPH and EPH Methods only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Refer to attached MCP Certification (s).

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?	Refer to attached MCP Certification (s).
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☐ Yes ☑ No

All negative responses must be addressed in an attached Environmental Laboratory case narrative.

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

Authorized Signature: Kathleen Cressia Date: Wednesday, March 29, 2006

Printed Name: Phyllis Shiller Position: Laboratory Director

Printed Name: Kathleen Cressia Position: QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
March 31, 2006

FOR: Attn: Mr. Robert Ives
BATG Environmental Inc.
448 Broadway
Taunton, MA 02780

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	RI	03/15/06	9:48
Location Code:	BATGTAUN	Received by:	DL	03/15/06	16:45
Rush Request:	RUSH24HR	Analyzed by:	see "By" below		
P.O.#:	06-100				

Laboratory Data

SDG I.D.: GAH07961
Phoenix I.D.: AH07961

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	03/16/06		EK	200.7/6010
Arsenic	0.038	0.004	mg/L	03/20/06		EK	200.7/6010
Barium	1.25	0.002	mg/L	03/16/06		EK	6010/E200.7
Cadmium	0.002	0.001	mg/L	03/16/06		EK	6010/E200.7
Chromium	0.06	0.001	mg/L	03/16/06		EK	200.7/6010
Copper	0.114	0.001	mg/L	03/16/06		EK	6010/E200.7
Silver (Dissolved)	< 0.001	0.001	mg/L	03/20/06		EK	200.7/6010
Arsenic (Dissolved)	0.005	0.004	mg/L	03/20/06		EK	200.7/6010
Barium (Dissolved)	0.07	0.002	mg/L	03/20/06		EK	6010/E200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	03/20/06		EK	200.7/6010
Chromium (Dissolved)	0.001	0.001	mg/L	03/20/06		EK	200.7/6010
Copper (Dissolved)	0.006	0.001	mg/L	03/20/06		EK	6010/E200.7
Iron (Dissolved)	0.928	0.002	mg/L	03/20/06		EK	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	03/17/06		RS	SW-7470
Nickel (Dissolved)	0.004	0.002	mg/L	03/20/06		EK	200.7/6010
Lead (Dissolved)	0.037	0.001	mg/L	03/21/06		RS	7421/E239.2
Antimony (Dissolved)	0.009	0.005	mg/L	03/20/06		EK	200.7/6010
Selenium (Dissolved)	< 0.01	0.01	mg/L	03/20/06		EK	200.7/6010
Zinc (Dissolved)	0.012	0.002	mg/L	03/20/06		EK	200.7/6010
Iron	61.5	0.002	mg/L	03/16/06		EK	6010/E200.7
Mercury	0.0229	0.0020	mg/L	03/17/06		RS	7470/E245.1
Nickel	0.060	0.001	mg/L	03/16/06		EK	200.7/6010
Lead (Furnace)	0.848	0.01	mg/L	03/21/06		RS	7421/S3113B
Antimony	0.013	0.005	mg/L	03/16/06		EK	200.7/6010

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 **Phoenix I.D.: AH07961**

Parameter	Result	RL	Units	Date	Time	By	Reference
Selenium	< 0.01	0.01	mg/L	03/20/06		EK	6010/200.7
Zinc	0.577	0.002	mg/L	03/16/06		EK	200.7/6010
Chlorine Residual	< 0.02	0.02	mg/L	03/15/06	23:00	CD	4500Cl-G
Chromium, Hexavalent	< 0.01	0.01	mg/L	03/15/06	23:00	CD	S3500CRD
pH	7.57	0.10	pH Units	03/30/06	23:00	CD	E150.1/SW9045
Phenolics	< 0.015	0.015	mg/L	03/27/06		J/G	E420.2
Total Cyanide	< 0.01	0.01	mg/L	03/21/06		M/G	9010/335.3
MADEP MCP 8082 Certification	Completed			03/22/06		MH	MCP
MADEP MCP 8260 Certification	Completed			03/20/06		JH	MCP
MADEP MCP 8270 Certification	Completed			03/21/06		RM	MCP
MADEP MCP 7196 Certification	Completed			03/23/06		CD	MCP
MADEP MCP 7470/7471 Certification	Completed			03/23/06		RS	MCP
MADEP MCP 6010 Certification	Completed			03/21/06		EK	MCP
Filtration Dissolved Metals	Completed			03/15/06		AG	.45um Filter
Dissolved Mercury Digestion	Completed		NA	03/16/06		E	SW7470
Mercury Digestion	Completed			03/16/06		E	E245.1
PCB Extraction	Completed			03/15/06		M	SW3510/3520
Semi-Volatile Extraction	Completed			03/15/06		O	SW3510/3520
Dissolved Metals Preparation	Completed			03/15/06		AG	SW846-3005
Total Metals Digestion	Completed			03/15/06		AG	
Extraction of TPH MOD 8100	Completed			03/15/06		O	3550/5030
Polychlorinated Biphenyls							
PCB-1016	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1221	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1232	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1242	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1248	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1254	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1260	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1262	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1268	ND	0.5	ug/L	03/16/06		MH	608/ 8082
QA/QC Surrogates							
% DCBP (Surrogate Rec)	43		%	03/16/06		MH	608/ 8082
% TCMX (Surrogate Rec)	92		%	03/16/06		MH	608/ 8082
TPH by GC (Extractable Products)							
Aviation Fuel/Kerosene	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Fuel Oil #2/ Diesel Fuel	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Fuel Oil #4	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Fuel Oil #6	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Motor Oil	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Other Oil (Cutting & Lubricating)	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Unidentified	ND	0.5	mg/L	03/18/06		JRB	8100Modified
QA/QC Surrogates							

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 **Phoenix I.D.: AH07961**

Parameter	Result	RL	Units	Date	Time	By	Reference
% n-Pentacosane	104		%	03/18/06		JRB	8100Modified
Acetone	< 10	10	ug/l	03/15/06		RM	SW8260
1,4-dioxane	1.5	1.0	ug/l	03/23/06		RM	8260 MOD
Tert-amyl-methyl-ether	< 5.0	5.0	ug/L	03/15/06		RM	SW8260
Tert-butyl alcohol	< 200	200	ug/L	03/15/06		RM	SW8260
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1,1-Trichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1-Dichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1-Dichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
1,1-Dichloropropene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,3-Trichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,3-Dichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,3-Dichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,4-Dichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
2,2-Dichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
2-Chlorotoluene	ND	5	ug/L	03/16/06		R/J	SW8260
4-Chlorotoluene	ND	5	ug/L	03/16/06		R/J	SW8260
Benzene	ND	5	ug/L	03/16/06		R/J	SW8260
Bromobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Bromochloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Bromodichloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Bromoform	ND	5	ug/L	03/16/06		R/J	SW8260
Bromomethane	ND	5	ug/L	03/16/06		R/J	SW8260
Carbon tetrachloride	ND	5	ug/L	03/16/06		R/J	SW8260
Chlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Chloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
Chloroform	ND	5	ug/L	03/16/06		R/J	SW8260
Chloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
cis-1,2-Dichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
cis-1,3-Dichloropropene	ND	5	ug/L	03/16/06		R/J	SW8260
Dibromochloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Dibromoethane	ND	5	ug/L	03/16/06		R/J	SW8260

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibromomethane	ND	5	ug/L	03/16/06		R/J	SW8260
Dichlorodifluoromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Ethylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Hexachlorobutadiene	ND	5	ug/L	03/16/06		R/J	SW8260
Isopropylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
m&p-Xylene	ND	5	ug/L	03/16/06		R/J	SW8260
Methyl Ethyl Ketone	ND	60	ug/L	03/16/06		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	03/16/06		R/J	SW8260
Methylene chloride	ND	5	ug/L	03/16/06		R/J	SW8260
n-Butylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
n-Propylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Naphthalene	ND	5	ug/L	03/16/06		R/J	SW8260
o-Xylene	ND	5	ug/L	03/16/06		R/J	SW8260
p-Isopropyltoluene	ND	5	ug/L	03/16/06		R/J	SW8260
sec-Butylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Styrene	ND	5	ug/L	03/16/06		R/J	SW8260
tert-Butylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Tetrachloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
Toluene	ND	5	ug/L	03/16/06		R/J	SW8260
Total Xylenes	ND	5	ug/L	03/16/06		R/J	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
trans-1,3-Dichloropropene	ND	5	ug/L	03/16/06		R/J	SW8260
Trichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
Trichlorofluoromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Vinyl chloride	ND	5	ug/L	03/16/06		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	03/16/06		R/J	SW8260
% Bromofluorobenzene	107		%	03/16/06		R/J	SW8260
% Dibromofluoromethane	117		%	03/16/06		R/J	SW8260
% Toluene-d8	129		%	03/16/06		R/J	SW8260
Semivolatiles							
1,2,4-Trichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
1,2-Dichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
1,2-Diphenylhydrazine	ND	63	ug/L	03/17/06		RM	SW 8270
1,3-Dichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
1,4-Dichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
2,4,5-Trichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4,6-Trichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4-Dichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4-Dimethylphenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4-Dinitrophenol	ND	310	ug/L	03/17/06		RM	SW 8270
2,4-Dinitrotoluene	ND	63	ug/L	03/17/06		RM	SW 8270
2,6-Dichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
2,6-Dinitrotoluene	ND	63	ug/L	03/17/06		RM	SW 8270
2-Chloronaphthalene	ND	63	ug/L	03/17/06		RM	SW 8270
2-Chlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2-Methylnaphthalene	ND	63	ug/L	03/17/06		RM	SW 8270
2-Methylphenol (o-cresol)	ND	63	ug/L	03/17/06		RM	SW 8270
2-Nitroaniline	ND	310	ug/L	03/17/06		RM	SW 8270
2-Nitrophenol	ND	63	ug/L	03/17/06		RM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	63	ug/L	03/17/06		RM	SW 8270
3,3'-Dichlorobenzidine	ND	130	ug/L	03/17/06		RM	SW 8270
3-Nitroaniline	ND	310	ug/L	03/17/06		RM	SW 8270
4,6-Dinitro-2-methylphenol	ND	310	ug/L	03/17/06		RM	SW 8270
4-Bromophenyl phenyl ether	ND	63	ug/L	03/17/06		RM	SW 8270
4-Chloro-3-methylphenol	ND	130	ug/L	03/17/06		RM	SW 8270
4-Chloroaniline	ND	130	ug/L	03/17/06		RM	SW 8270
4-Chlorophenyl phenyl ether	ND	63	ug/L	03/17/06		RM	SW 8270
4-Nitroaniline	ND	310	ug/L	03/17/06		RM	SW 8270
4-Nitrophenol	ND	310	ug/L	03/17/06		RM	SW 8270
Acenaphthene	ND	63	ug/L	03/17/06		RM	SW 8270
Acenaphthylene	ND	63	ug/L	03/17/06		RM	SW 8270
Anthracene	ND	63	ug/L	03/17/06		RM	SW 8270
Benz(a)anthracene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzidine	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(a)pyrene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(b)fluoranthene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(ghi)perylene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(k)fluoranthene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzoic acid	ND	310	ug/L	03/17/06		RM	SW 8270
Benzyl alcohol	ND	130	ug/L	03/17/06		RM	SW 8270
Benzyl butyl phthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-chloroethoxy)methane	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-chloroethyl)ether	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-chloroisopropyl)ether	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Chrysene	ND	63	ug/L	03/17/06		RM	SW 8270
Di-n-butylphthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Di-n-octylphthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Dibenz(a,h)anthracene	ND	63	ug/L	03/17/06		RM	SW 8270
Dibenzofuran	ND	63	ug/L	03/17/06		RM	SW 8270
Diethyl phthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Dimethylphthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Fluoranthene	ND	63	ug/L	03/17/06		RM	SW 8270
Fluorene	ND	63	ug/L	03/17/06		RM	SW 8270
Hexachlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
Hexachlorobutadiene	ND	63	ug/L	03/17/06		RM	SW 8270

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	63	ug/L	03/17/06		RM	SW 8270
Hexachloroethane	ND	63	ug/L	03/17/06		RM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	63	ug/L	03/17/06		RM	SW 8270
Isophorone	ND	63	ug/L	03/17/06		RM	SW 8270
N-Nitrosodi-n-propylamine	ND	63	ug/L	03/17/06		RM	SW 8270
N-Nitrosodimethylamine	ND	63	ug/L	03/17/06		RM	SW 8270
N-Nitrosodiphenylamine	ND	63	ug/L	03/17/06		RM	SW 8270
Naphthalene	ND	63	ug/L	03/17/06		RM	SW 8270
Nitrobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
Pentachlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
Phenanthrene	ND	63	ug/L	03/17/06		RM	SW 8270
Phenol	ND	63	ug/L	03/17/06		RM	SW 8270
Pyrene	ND	63	ug/L	03/17/06		RM	SW 8270
Pyridine	ND	63	ug/L	03/17/06		RM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	89		%	03/17/06		RM	SW 8270
% 2-Fluorobiphenyl	74		%	03/17/06		RM	SW 8270
% 2-Fluorophenol	47		%	03/17/06		RM	SW 8270
% Nitrobenzene-d5	65		%	03/17/06		RM	SW 8270
% Phenol-d5	59		%	03/17/06		RM	SW 8270
% Terphenyl-d14	33		%	03/17/06		RM	SW 8270

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Run pH past hold per client

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
March 31, 2006

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 02, 2006

FOR: Attn: Mr. Robert Ives
BATG Environmental Inc.
448 Broadway
Taunton, MA 02780

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	RI	03/15/06	9:48
Location Code:	BATGTAUN	Received by:	DL	03/15/06	16:45
Rush Request:	RUSH24HR	Analyzed by:	see "By" below		
P.O.#:	06-100				

SDG I.D.: GAH07961
Phoenix I.D.: AH07961

Laboratory Data

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	03/16/06		EK	200.7/6010
Arsenic	0.038	0.004	mg/L	03/20/06		EK	200.7/6010
Barium	1.25	0.002	mg/L	03/16/06		EK	6010/E200.7
Cadmium	0.002	0.001	mg/L	03/16/06		EK	6010/E200.7
Chromium	0.06	0.001	mg/L	03/16/06		EK	200.7/6010
Copper	0.114	0.001	mg/L	03/16/06		EK	6010/E200.7
Silver (Dissolved)	< 0.001	0.001	mg/L	03/20/06		EK	200.7/6010
Arsenic (Dissolved)	0.005	0.004	mg/L	03/20/06		EK	200.7/6010
Barium (Dissolved)	0.07	0.002	mg/L	03/20/06		EK	6010/E200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	03/20/06		EK	200.7/6010
Chromium (Dissolved)	0.001	0.001	mg/L	03/20/06		EK	200.7/6010
Copper (Dissolved)	0.006	0.001	mg/L	03/20/06		EK	6010/E200.7
Iron (Dissolved)	0.928	0.002	mg/L	03/20/06		EK	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	03/17/06		RS	SW-7470
Nickel (Dissolved)	0.004	0.002	mg/L	03/20/06		EK	200.7/6010
Lead (Dissolved)	0.037	0.001	mg/L	03/21/06		RS	7421/E239.2
Antimony (Dissolved)	0.009	0.005	mg/L	03/20/06		EK	200.7/6010
Selenium (Dissolved)	< 0.01	0.01	mg/L	03/20/06		EK	200.7/6010
Zinc (Dissolved)	0.012	0.002	mg/L	03/20/06		EK	200.7/6010
Iron	61.5	0.002	mg/L	03/16/06		EK	6010/E200.7
Mercury	0.0229	0.0020	mg/L	03/17/06		RS	7470/E245.1
Nickel	0.060	0.001	mg/L	03/16/06		EK	200.7/6010
Lead (Furnace)	0.848	0.01	mg/L	03/21/06		RS	7421/S3113B
Antimony	0.013	0.005	mg/L	03/16/06		EK	200.7/6010

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
Selenium	< 0.01	0.01	mg/L	03/20/06		EK	6010/200.7
Zinc	0.577	0.002	mg/L	03/16/06		EK	200.7/6010
Chlorine Residual	< 0.02	0.02	mg/L	03/15/06	23:00	CD	4500Cl-G
Chromium, Hexavalent	< 0.01	0.01	mg/L	03/15/06	23:00	CD	S3500CRD
pH	7.57	0.10	pH Units	03/30/06	23:00	CD	E150.1/SW9045
Phenolics	< 0.015	0.015	mg/L	03/27/06		J/G	E420.2
Total Cyanide	< 0.01	0.01	mg/L	03/21/06		M/G	9010/335.3
MADEP MCP 8082 Certification	Completed			03/22/06		MH	MCP
MADEP MCP 8260 Certification	Completed			03/20/06		JH	MCP
MADEP MCP 8270 Certification	Completed			03/21/06		RM	MCP
MADEP MCP 7196 Certification	Completed			03/23/06		CD	MCP
MADEP MCP 7470/7471 Certification	Completed			03/23/06		RS	MCP
MADEP MCP 6010 Certification	Completed			03/21/06		EK	MCP
Filtration Dissolved Metals	Completed			03/15/06		AG	.45um Filter
Dissolved Mercury Digestion	Completed		NA	03/16/06		E	SW7470
Mercury Digestion	Completed			03/16/06		E	E245.1
PCB Extraction	Completed			03/15/06		M	SW3510/3520
Semi-Volatile Extraction	Completed			03/15/06		O	SW3510/3520
Dissolved Metals Preparation	Completed			03/15/06		AG	SW846-3005
Total Metals Digestion	Completed			03/15/06		AG	
Extraction of TPH MOD 8100	Completed			03/15/06		O	3550/5030
Polychlorinated Biphenyls							
PCB-1016	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1221	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1232	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1242	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1248	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1254	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1260	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1262	ND	0.5	ug/L	03/16/06		MH	608/ 8082
PCB-1268	ND	0.5	ug/L	03/16/06		MH	608/ 8082
QA/QC Surrogates							
% DCBP (Surrogate Rec)	43		%	03/16/06		MH	608/ 8082
% TCMX (Surrogate Rec)	92		%	03/16/06		MH	608/ 8082
TPH by GC (Extractable Products)							
Aviation Fuel/Kerosene	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Fuel Oil #2/ Diesel Fuel	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Fuel Oil #4	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Fuel Oil #6	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Motor Oil	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Other Oil (Cutting & Lubricating)	ND	0.5	mg/L	03/18/06		JRB	8100Modified
Unidentified	ND	0.5	mg/L	03/18/06		JRB	8100Modified
QA/QC Surrogates							

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
% n-Pentacosane	104		%	03/18/06		JRB	8100Modified
Acetone	< 10	10	ug/l	03/15/06		RM	SW8260
1,4-dioxane	1.5	1.0	ug/l	03/23/06		RM	8260 MOD
Tert-amyl-methyl-ether	< 5.0	5.0	ug/L	03/15/06		RM	SW8260
Tert-butyl alcohol	< 200	200	ug/L	03/15/06		RM	SW8260
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1,1-Trichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1-Dichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,1-Dichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
1,1-Dichloropropene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,3-Trichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dichloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
1,2-Dichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,3-Dichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
1,3-Dichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
1,4-Dichlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
2,2-Dichloropropane	ND	5	ug/L	03/16/06		R/J	SW8260
2-Chlorotoluene	ND	5	ug/L	03/16/06		R/J	SW8260
4-Chlorotoluene	ND	5	ug/L	03/16/06		R/J	SW8260
Benzene	ND	5	ug/L	03/16/06		R/J	SW8260
Bromobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Bromochloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Bromodichloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Bromoform	ND	5	ug/L	03/16/06		R/J	SW8260
Bromomethane	ND	5	ug/L	03/16/06		R/J	SW8260
Carbon tetrachloride	ND	5	ug/L	03/16/06		R/J	SW8260
Chlorobenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Chloroethane	ND	5	ug/L	03/16/06		R/J	SW8260
Chloroform	ND	5	ug/L	03/16/06		R/J	SW8260
Chloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
cis-1,2-Dichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
cis-1,3-Dichloropropene	ND	5	ug/L	03/16/06		R/J	SW8260
Dibromochloromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Dibromoethane	ND	5	ug/L	03/16/06		R/J	SW8260

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibromomethane	ND	5	ug/L	03/16/06		R/J	SW8260
Dichlorodifluoromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Ethylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Hexachlorobutadiene	ND	5	ug/L	03/16/06		R/J	SW8260
Isopropylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
m&p-Xylene	ND	5	ug/L	03/16/06		R/J	SW8260
Methyl Ethyl Ketone	ND	60	ug/L	03/16/06		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	03/16/06		R/J	SW8260
Methylene chloride	ND	5	ug/L	03/16/06		R/J	SW8260
n-Butylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
n-Propylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Naphthalene	ND	5	ug/L	03/16/06		R/J	SW8260
o-Xylene	ND	5	ug/L	03/16/06		R/J	SW8260
p-Isopropyltoluene	ND	5	ug/L	03/16/06		R/J	SW8260
sec-Butylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Styrene	ND	5	ug/L	03/16/06		R/J	SW8260
tert-Butylbenzene	ND	5	ug/L	03/16/06		R/J	SW8260
Tetrachloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
Toluene	ND	5	ug/L	03/16/06		R/J	SW8260
Total Xylenes	ND	5	ug/L	03/16/06		R/J	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
trans-1,3-Dichloropropene	ND	5	ug/L	03/16/06		R/J	SW8260
Trichloroethene	ND	5	ug/L	03/16/06		R/J	SW8260
Trichlorofluoromethane	ND	5	ug/L	03/16/06		R/J	SW8260
Vinyl chloride	ND	5	ug/L	03/16/06		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	03/16/06		R/J	SW8260
% Bromofluorobenzene	107		%	03/16/06		R/J	SW8260
% Dibromofluoromethane	117		%	03/16/06		R/J	SW8260
% Toluene-d8	129		%	03/16/06		R/J	SW8260
Semivolatiles							
1,2,4-Trichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
1,2-Dichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
1,2-Diphenylhydrazine	ND	63	ug/L	03/17/06		RM	SW 8270
1,3-Dichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
1,4-Dichlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
2,4,5-Trichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4,6-Trichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4-Dichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4-Dimethylphenol	ND	63	ug/L	03/17/06		RM	SW 8270
2,4-Dinitrophenol	ND	310	ug/L	03/17/06		RM	SW 8270
2,4-Dinitrotoluene	ND	63	ug/L	03/17/06		RM	SW 8270
2,6-Dichlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
2,6-Dinitrotoluene	ND	63	ug/L	03/17/06		RM	SW 8270
2-Chloronaphthalene	ND	63	ug/L	03/17/06		RM	SW 8270
2-Chlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
2-Methylnaphthalene	ND	63	ug/L	03/17/06		RM	SW 8270
2-Methylphenol (o-cresol)	ND	63	ug/L	03/17/06		RM	SW 8270
2-Nitroaniline	ND	310	ug/L	03/17/06		RM	SW 8270
2-Nitrophenol	ND	63	ug/L	03/17/06		RM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	63	ug/L	03/17/06		RM	SW 8270
3,3'-Dichlorobenzidine	ND	130	ug/L	03/17/06		RM	SW 8270
3-Nitroaniline	ND	310	ug/L	03/17/06		RM	SW 8270
4,6-Dinitro-2-methylphenol	ND	310	ug/L	03/17/06		RM	SW 8270
4-Bromophenyl phenyl ether	ND	63	ug/L	03/17/06		RM	SW 8270
4-Chloro-3-methylphenol	ND	130	ug/L	03/17/06		RM	SW 8270
4-Chloroaniline	ND	130	ug/L	03/17/06		RM	SW 8270
4-Chlorophenyl phenyl ether	ND	63	ug/L	03/17/06		RM	SW 8270
4-Nitroaniline	ND	310	ug/L	03/17/06		RM	SW 8270
4-Nitrophenol	ND	310	ug/L	03/17/06		RM	SW 8270
Acenaphthene	ND	63	ug/L	03/17/06		RM	SW 8270
Acenaphthylene	ND	63	ug/L	03/17/06		RM	SW 8270
Anthracene	ND	63	ug/L	03/17/06		RM	SW 8270
Benz(a)anthracene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzidine	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(a)pyrene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(b)fluoranthene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(ghi)perylene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzo(k)fluoranthene	ND	63	ug/L	03/17/06		RM	SW 8270
Benzoic acid	ND	310	ug/L	03/17/06		RM	SW 8270
Benzyl alcohol	ND	130	ug/L	03/17/06		RM	SW 8270
Benzyl butyl phthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-chloroethoxy)methane	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-chloroethyl)ether	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-chloroisopropyl)ether	ND	63	ug/L	03/17/06		RM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Chrysene	ND	63	ug/L	03/17/06		RM	SW 8270
Di-n-butylphthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Di-n-octylphthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Dibenz(a,h)anthracene	ND	63	ug/L	03/17/06		RM	SW 8270
Dibenzofuran	ND	63	ug/L	03/17/06		RM	SW 8270
Diethyl phthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Dimethylphthalate	ND	63	ug/L	03/17/06		RM	SW 8270
Fluoranthene	ND	63	ug/L	03/17/06		RM	SW 8270
Fluorene	ND	63	ug/L	03/17/06		RM	SW 8270
Hexachlorobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
Hexachlorobutadiene	ND	63	ug/L	03/17/06		RM	SW 8270

Client ID: BRIDGE STREET BYPASS GW SMP-STA 248+30 Phoenix I.D.: AH07961

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	63	ug/L	03/17/06		RM	SW 8270
Hexachloroethane	ND	63	ug/L	03/17/06		RM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	63	ug/L	03/17/06		RM	SW 8270
Isophorone	ND	63	ug/L	03/17/06		RM	SW 8270
N-Nitrosodi-n-propylamine	ND	63	ug/L	03/17/06		RM	SW 8270
N-Nitrosodimethylamine	ND	63	ug/L	03/17/06		RM	SW 8270
N-Nitrosodiphenylamine	ND	63	ug/L	03/17/06		RM	SW 8270
Naphthalene	ND	63	ug/L	03/17/06		RM	SW 8270
Nitrobenzene	ND	63	ug/L	03/17/06		RM	SW 8270
Pentachlorophenol	ND	63	ug/L	03/17/06		RM	SW 8270
Phenanthrene	ND	63	ug/L	03/17/06		RM	SW 8270
Phenol	ND	63	ug/L	03/17/06		RM	SW 8270
Pyrene	ND	63	ug/L	03/17/06		RM	SW 8270
Pyridine	ND	63	ug/L	03/17/06		RM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	89		%	03/17/06		RM	SW 8270
% 2-Fluorobiphenyl	74		%	03/17/06		RM	SW 8270
% 2-Fluorophenol	47		%	03/17/06		RM	SW 8270
% Nitrobenzene-d5	65		%	03/17/06		RM	SW 8270
% Phenol-d5	59		%	03/17/06		RM	SW 8270
% Terphenyl-d14	33		%	03/17/06		RM	SW 8270

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Run pH past hold per client

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
May 02, 2006

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp Pg of

Data Delivery (check one):
☐ Fax #:
☐ Email:
Format: ☐ Excel ☐ ☐ Gis Key

Customer:
Address:
Project:
Report to:
Invoice to:
Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature Date

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=Oil
GW=groundwater **SL**=sludge **A**=air **X**=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA Vial [ ]	GL Soil container [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	40 ml VOA Vial [ ]	GL Amber 1000ml [ ] As is [ ] HCl	PL As is [ ]	PL 250ml [ ]	PL H2SO4 [ ]	PL NaOH 250ml	Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.
☐ RCP Certification

Requi nents for MA
☐ (/-1
☐ (/-2
☐ (/-3
☐ S
☐ S
☐ S
☐ M P Certification
☐ (ner

PHOENIX

APR 2 8 2006

Wednesday, April 19, 2006

Batq
448 Broadwav
Taunton MA 02780

Attention: Mr Rob Ives

Sample ID#: AH12972

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003
PA Lab Registration #68-03530

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 • Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 19, 2006

FOR: Attn: Mr. Robert Ives
BATG Environmental Inc.
448 Broadway
Taunton, MA 02780

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	RI	04/05/06	14:05
Location Code:	BATGTAUN	Received by:	LB	04/06/06	14:45
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	66-100				

Laboratory Data

SDG I.D.: GAH12972
Phoenix I.D.: AH12972

Client ID: BRIDGE STREET BYPASS GW SMP. STA 264 & 40

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	0.057	0.001	mg/L	04/11/06		EK	200.7/6010
Arsenic	0.091	0.004	mg/L	04/11/06		EK	200.7/6010
Barium	1.33	0.002	mg/L	04/11/06		EK	6010/E200.7
Beryllium	0.003	0.001	mg/L	04/11/06		EK	200.7/6010
Cadmium	0.04	0.001	mg/L	04/11/06		EK	6010/E200.7
Chromium	0.193	0.001	mg/L	04/11/06		EK	200.7/6010
Copper	0.735	0.001	mg/L	04/11/06		EK	6010/E200.7
Silver (Dissolved)	0.001	0.001	mg/L	04/11/06		EKT	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/11/06		EKT	200.7/6010
Barium (Dissolved)	0.264	0.002	mg/L	04/11/06		EKT	6010/E200.7
Beryllium (Dissolved)	< 0.001	0.001	mg/L	04/11/06		EKT	200.7/6010
Cadmium (Dissolved)	0.002	0.001	mg/L	04/11/06		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/11/06		EKT	200.7/6010
Copper (Dissolved)	0.002	0.001	mg/L	04/11/06		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/07/06		RS	SW-7470
Nickel (Dissolved)	0.008	0.002	mg/L	04/11/06		EKT	200.7/6010
Lead (Dissolved)	0.021	0.002	mg/L	04/11/06		EKT	200.7
Antimony (Dissolved)	< 0.005	0.005	mg/L	04/11/06		EKT	200.7/6010
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/11/06		EKT	200.7/6010
Thallium (Dissolved)	< 0.005	0.005	mg/L	04/17/06		RS	279.2
Zinc (Dissolved)	0.268	0.002	mg/L	04/11/06		EKT	200.7/6010
Mercury	0.0043	0.0004	mg/L	04/07/06		RS	7470/E245.1
Nickel	0.168	0.001	mg/L	04/11/06		EK	200.7/6010
Lead (Furnace)	15.4	0.2	mg/L	04/07/06		RS	7421/S3113B

Parameter	Result	RL	Units	Date	Time	By	Reference
Antimony	0.02	0.005	mg/L	04/11/06		EK	200.7/6010
Selenium	< 0.01	0.01	mg/L	04/11/06		EK	6010/200.7
Thallium	0.004	0.002	mg/L	04/17/06		RS	279.2
Zinc	5.29	0.002	mg/L	04/11/06		EK	200.7/6010
Chlorine Residual	< 0.02	0.02	mg/L	04/06/06	23:00	CD	4500Cl-G
Chromium, Hexavalent	< 0.01	0.01	mg/L	04/06/06	18:30	CD	S3500CRD
Phenolics	< 0.015	0.015	mg/L	04/12/06		G/J	E420.2
Total Cyanide	< 0.01	0.01	mg/L	04/07/06		M/G	9010/335.3
MADEP MCP 8082 Certification	Completed			04/11/06		MH	MCP
MADEP MCP 8260 Certification	Completed			04/07/06		RM	MCP
MADEP MCP 8270 Certification	Completed			04/17/06		KCA	MCP
MADEP MCP 7000 Certification	Completed			04/18/06		RS	MCP
MADEP MCP 6010 Certification	Completed			04/11/06		EK	MCP
Filtration Dissolved Metals	Completed			04/06/06		AG	.45um Filter
Dissolved Mercury Digestion	Completed		NA	04/07/06		E	SW7470
Mercury Digestion	Completed			04/07/06		E	E245.1
PCB Extraction	Completed			04/06/06		O	SW3510/3520
Semi-Volatile Extraction	Completed			04/06/06		O/M	SW3510/3520
Dissolved Metals Preparation	Completed			04/06/06		AG	SW846-3005
Total Metals Digestion	Completed			04/06/06		AG	
Extraction of TPH MOD 8100	Completed			04/06/06		O/M	3550/5030
Polychlorinated Biphenyls							
PCB-1016	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1221	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1232	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1242	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1248	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1254	45	5.0	ug/L	04/10/06		MH	608/ 8082
PCB-1260	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1262	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1268	ND	0.5	ug/L	04/10/06		MH	608/ 8082
QA/QC Surrogates							
% DCBP (Surrogate Rec)	140		%	04/10/06		MH	608/ 8082
% TCMX (Surrogate Rec)	104		%	04/10/06		MH	608/ 8082
TPH by GC (Extractable Products)							
Aviation Fuel/Kerosene	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Fuel Oil #2/ Diesel Fuel	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Fuel Oil #4	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Fuel Oil #6	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Motor Oil	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Other Oil (Cutting & Lubricating)	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Unidentified	ND	0.5	mg/L	04/10/06		JRB	8100Modified
QA/QC Surrogates							

Parameter	Result	RL	Units	Date	Time	By	Reference
% n-Pentacosane	102		%	04/10/06		JRB	8100Modified
Acetone	< 10	10	ug/l	04/06/06		RM	SW8260
1,4-dioxane	< 1.0	1.0	ug/L	04/12/06		RM	SW8260MOD
Tert-amyl-methyl-ether	< 5.0	5.0	ug/L	04/06/06		RM	SW8260
Tert-butyl alcohol	< 200	200	ug/L	04/06/06		RM	SW8260
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	1	ug/L	04/06/06		RM	SW8260
1,1,1-Trichloroethane	ND	1	ug/L	04/06/06		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/06/06		RM	SW8260
1,1,2-Trichloroethane	ND	1	ug/L	04/06/06		RM	SW8260
1,1-Dichloroethane	ND	1	ug/L	04/06/06		RM	SW8260
1,1-Dichloroethene	ND	1	ug/L	04/06/06		RM	SW8260
1,1-Dichloropropene	ND	1	ug/L	04/06/06		RM	SW8260
1,2,3-Trichlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,2,3-Trichloropropane	ND	1	ug/L	04/06/06		RM	SW8260
1,2,4-Trichlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,2,4-Trimethylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,2-Dichlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,2-Dichloroethane	ND	1	ug/L	04/06/06		RM	SW8260
1,2-Dichloropropane	ND	1	ug/L	04/06/06		RM	SW8260
1,3,5-Trimethylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,3-Dichlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,3-Dichloropropane	ND	1	ug/L	04/06/06		RM	SW8260
1,4-Dichlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
2,2-Dichloropropane	ND	1	ug/L	04/06/06		RM	SW8260
2-Chlorotoluene	ND	1	ug/L	04/06/06		RM	SW8260
4-Chlorotoluene	ND	1	ug/L	04/06/06		RM	SW8260
Benzene	ND	1	ug/L	04/06/06		RM	SW8260
Bromobenzene	ND	1	ug/L	04/06/06		RM	SW8260
Bromochloromethane	ND	1	ug/L	04/06/06		RM	SW8260
Bromodichloromethane	ND	0.5	ug/L	04/06/06		RM	SW8260
Bromoform	ND	1	ug/L	04/06/06		RM	SW8260
Bromomethane	ND	1	ug/L	04/06/06		RM	SW8260
Carbon tetrachloride	ND	1	ug/L	04/06/06		RM	SW8260
Chlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
Chloroethane	ND	1	ug/L	04/06/06		RM	SW8260
Chloroform	ND	1	ug/L	04/06/06		RM	SW8260
Chloromethane	ND	1	ug/L	04/06/06		RM	SW8260
cis-1,2-Dichloroethene	ND	1	ug/L	04/06/06		RM	SW8260
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/06/06		RM	SW8260
Dibromochloromethane	ND	0.5	ug/L	04/06/06		RM	SW8260
Dibromomethane	ND	1	ug/L	04/06/06		RM	SW8260
Dichlorodifluoromethane	ND	1	ug/L	04/06/06		RM	SW8260

Client ID: BRIDGE STREET BYPASS GW SMP. STA 264 & 40 Phoenix I.D.: AH12972

Parameter	Result	RL	Units	Date	Time	By	Reference
Ethylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
Hexachlorobutadiene	ND	0.4	ug/L	04/06/06		RM	SW8260
Isopropylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
m&p-Xylene	ND	1	ug/L	04/06/06		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1	ug/L	04/06/06		RM	SW8260
Methylene chloride	ND	1	ug/L	04/06/06		RM	SW8260
n-Butylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
n-Propylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
Naphthalene	ND	1	ug/L	04/06/06		RM	SW8260
o-Xylene	ND	1	ug/L	04/06/06		RM	SW8260
p-Isopropyltoluene	ND	1	ug/L	04/06/06		RM	SW8260
sec-Butylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
Styrene	ND	1	ug/L	04/06/06		RM	SW8260
tert-Butylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
Tetrachloroethene	ND	1	ug/L	04/06/06		RM	SW8260
Toluene	ND	1	ug/L	04/06/06		RM	SW8260
Total Xylenes	ND	0.5	ug/L	04/06/06		RM	SW8260
trans-1,2-Dichloroethene	ND	1	ug/L	04/06/06		RM	SW8260
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/06/06		RM	SW8260
Trichloroethene	ND	1	ug/L	04/06/06		RM	SW8260
Trichlorofluoromethane	ND	1	ug/L	04/06/06		RM	SW8260
Vinyl chloride	ND	1	ug/L	04/06/06		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	04/06/06		RM	SW8260
% Bromofluorobenzene	99		%	04/06/06		RM	SW8260
% Dibromofluoromethane	99		%	04/06/06		RM	SW8260
% Toluene-d8	101		%	04/06/06		RM	SW8260
Semivolatiles							
1,2,4-Trichlorobenzene	ND	10.0	ug/L	04/12/06		KCA	SW8270
1,2-Dichlorobenzene	ND	10.0	ug/L	04/12/06		KCA	SW8270
1,2-Diphenylhydrazine	ND	10.0	ug/L	04/12/06		KCA	SW8270
1,3-Dichlorobenzene	ND	10.0	ug/L	04/12/06		KCA	SW8270
1,4-Dichlorobenzene	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,4,5-Trichlorophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,4,6-Trichlorophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,4-Dichlorophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,4-Dimethylphenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,4-Dinitrophenol	ND	50.0	ug/L	04/12/06		KCA	SW8270
2,4-Dinitrotoluene	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,6-Dichlorophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,6-Dinitrotoluene	ND	10.0	ug/L	04/12/06		KCA	SW8270
2-Chloronaphthalene	ND	10.0	ug/L	04/12/06		KCA	SW8270
2-Chlorophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270

Client ID: BRIDGE STREET BYPASS GW SMP. STA 264 & 40 Phoenix I.D.: AH12972

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Methylnaphthalene	ND	10.0	ug/L	04/12/06		KCA	SW8270
2-Methylphenol (o-cresol)	ND	10.0	ug/L	04/12/06		KCA	SW8270
2-Nitroaniline	ND	50.0	ug/L	04/12/06		KCA	SW8270
2-Nitrophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10.0	ug/L	04/12/06		KCA	SW8270
3,3'-Dichlorobenzidine	ND	20.0	ug/L	04/12/06		KCA	SW8270
3-Nitroaniline	ND	50.0	ug/L	04/12/06		KCA	SW8270
4,6-Dinitro-2-methylphenol	ND	50.0	ug/L	04/12/06		KCA	SW8270
4-Bromophenyl phenyl ether	ND	10.0	ug/L	04/12/06		KCA	SW8270
4-Chloro-3-methylphenol	ND	20.0	ug/L	04/12/06		KCA	SW8270
4-Chloroaniline	ND	20.0	ug/L	04/12/06		KCA	SW8270
4-Chlorophenyl phenyl ether	ND	10.0	ug/L	04/12/06		KCA	SW8270
4-Nitroaniline	ND	50.0	ug/L	04/12/06		KCA	SW8270
4-Nitrophenol	ND	50.0	ug/L	04/12/06		KCA	SW8270
Acenaphthene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Acenaphthylene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Anthracene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Benzidine	ND	10.0	ug/L	04/12/06		KCA	SW8270
Benzo(a)anthracene	9.0	0.06	ug/L	04/12/06		KCA	SW8270
Benzo(a)pyrene	7.5	0.2	ug/L	04/12/06		KCA	SW8270
Benzo(b)fluoranthene	9.7	0.08	ug/L	04/12/06		KCA	SW8270
Benzo(g,h,i)perylene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Benzo(k)fluoranthene	4.1	0.5	ug/L	04/12/06		KCA	SW8270
Benzoic acid	ND	50.0	ug/L	04/12/06		KCA	SW8270
Benzyl alcohol	ND	20.0	ug/L	04/12/06		KCA	SW8270
Benzyl butyl phthalate	ND	10.0	ug/L	04/12/06		KCA	SW8270
Bis(2-chloroethoxy)methane	ND	10.0	ug/L	04/12/06		KCA	SW8270
Bis(2-chloroethyl)ether	ND	10.0	ug/L	04/12/06		KCA	SW8270
Bis(2-chloroisopropyl)ether	ND	10.0	ug/L	04/12/06		KCA	SW8270
Bis(2-ethylhexyl)phthalate	260	2.0	ug/L	04/12/06		KCA	SW8270
Chrysene	9.5	4.8	ug/L	04/12/06		KCA	SW8270
Di-n-butylphthalate	ND	10.0	ug/L	04/12/06		KCA	SW8270
Di-n-octylphthalate	ND	10.0	ug/L	04/12/06		KCA	SW8270
Dibenz(a,h)anthracene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Dibenzofuran	ND	10.0	ug/L	04/12/06		KCA	SW8270
Diethyl phthalate	ND	10.0	ug/L	04/12/06		KCA	SW8270
Dimethylphthalate	ND	10.0	ug/L	04/12/06		KCA	SW8270
Fluoranthene	22	10.0	ug/L	04/12/06		KCA	SW8270
Fluorene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Hexachlorobenzene	ND	1.0	ug/L	04/12/06		KCA	SW8270
Hexachlorobutadiene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Hexachlorocyclopentadiene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Hexachloroethane	ND	3.0	ug/L	04/12/06		KCA	SW8270
Indeno(1,2,3-c,d)pyrene	ND	10.0	ug/L	04/12/06		KCA	SW8270

Client ID: BRIDGE STREET BYPASS GW SMP. STA 264 & 40 Phoenix I.D.: AH12972

Parameter	Result	RL	Units	Date	Time	By	Reference
Isophorone	ND	10.0	ug/L	04/12/06		KCA	SW8270
N-Nitrosodi-n-propylamine	ND	10.0	ug/L	04/12/06		KCA	SW8270
N-Nitrosodimethylamine	ND	10.0	ug/L	04/12/06		KCA	SW8270
N-Nitrosodiphenylamine	ND	10.0	ug/L	04/12/06		KCA	SW8270
Naphthalene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Nitrobenzene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Pentachlorophenol	ND	1.0	ug/L	04/12/06		KCA	SW8270
Phenanthrene	15	10.0	ug/L	04/12/06		KCA	SW8270
Phenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
Pyrene	18	10.0	ug/L	04/12/06		KCA	SW8270
Pyridine	ND	10.0	ug/L	04/12/06		KCA	SW8270

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 19, 2006

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 19, 2006

QA/QC Data

SDG I.D.: GAH12972

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AH12444 (AH12972)								
ICP Metals - Aqueous								
Aluminum	BDL	NC	93.7			89.7	90.6	1.0
Antimony	BDL	NC	94.6			91.4	93.9	2.7
Arsenic	BDL	NC	95.5			92.5	93.5	1.1
Barium	BDL	2.60	97.7			95.4	95.5	0.1
Beryllium	BDL	NC	97.2			94.6	96.0	1.5
Boron	BDL	---	---			---	---	
Cadmium	BDL	NC	96.4			92.6	93.5	1.0
Calcium	BDL	---	---			---	---	
Chromium	BDL	NC	97.4			92.5	93.2	0.8
Cobalt	BDL	NC	96.2			93.1	93.3	0.2
Copper	BDL	5.40	101			100	99.8	0.2
Iron	BDL	3.90	98.5			94.3	94.3	0.0
Lead	BDL	NC	96.6			92.1	91.9	0.2
Magnesium	BDL	---	---			---	---	
Manganese	BDL	1.20	96.9			93.8	94.0	0.2
Molybdenum	BDL	---	---			---	---	
Nickel	BDL	NC	96.9			93.8	94.3	0.5
Phosphorus	BDL	---	---			---	---	
Selenium	BDL	NC	96.5			91.5	92.9	1.5
Silver	BDL	NC	99.0			90.6	93.0	2.6
Thallium	BDL	NC	87.2			84.4	85.0	0.7
Tin	BDL	---	---			---	---	
Vanadium	BDL	NC	98.9			96.3	96.6	0.3
Zinc	BDL	0.7	98.5			94.4	94.7	0.3
QA/QC Batch Sample No: AH12833 (AH12972)								
ICP Metals - Dissolved								
Aluminum	BDL	NC	91.5			91.7	91.3	0.4
Antimony	BDL	NC	92.2			89.8	92.2	2.6
Arsenic	BDL	NC	91.6			90.8	90.3	0.6
Barium	BDL	1.50	92.6			94.2	92.0	2.4
Beryllium	BDL	NC	92.2			94.8	92.4	2.6

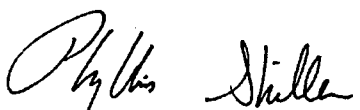
QA/QC Data

SDG I.D.: GAH12972

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Boron	BDL	---	---			---	---	
Cadmium	BDL	NC	92.0			94.2	93.0	1.3
Calcium	BDL	---	---			---	---	
Chromium	BDL	NC	93.8			96.0	93.5	2.6
Cobalt	BDL	NC	94.4			95.2	94.4	0.8
Copper	BDL	NC	96.0			98.0	94.1	4.1
Iron	BDL	NC	93.2			95.3	94.3	1.1
Lead	BDL	NC	95.6			95.2	94.7	0.5
Magnesium	BDL	---	---			---	---	
Manganese	BDL	NC	95.9			95.5	95.2	0.3
Molybdenum	BDL	---	---			---	---	
Nickel	BDL	NC	95.7			95.5	94.2	1.4
Phosphorus	BDL	---	---			---	---	
Potassium	BDL	---	---			---	---	
Selenium	BDL	NC	89.6			89.3	88.9	0.4
Silver	BDL	NC	96.2			93.6	93.6	0.0
Sodium	BDL	---	---			---	---	
Thallium	BDL	NC	94.5			94.3	93.5	0.9
Tin	BDL	---	---			---	---	
Vanadium	BDL	NC	95.0			96.2	94.9	1.4
Zinc	BDL	NC	90.0			91.2	89.8	1.5
QA/QC Batch Sample No: AH12853 (AH12972)								
Mercury	BDL		101			94	94	0.0

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate



Phyllis Shiller, Laboratory Director
April 19, 2006

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 19, 2006

QA/QC Data

SDG I.D.: GAH12972

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AH12041 (AH12972)								
Phenolics	BDL	NR	99			105		
QA/QC Batch Sample No: AH12531 (AH12972)								
Total Cyanide	BDL		98			98		
QA/QC Batch Sample No: AH12861 (AH12972)								
Chlorine Residual	BDL	0.0	98.0					
QA/QC Batch Sample No: AH13206 (AH12972)								
Chromium, Hexavalent	BDL	NR	100.8			100.6		

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate

Phyllis Shiller, Laboratory Director
April 19, 2006

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 19, 2006

QA/QC Data

SDG I.D.: GAH12972

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AH12045 (AH12972)							
TPH by GC (Extractable Products)							
Aviation Fuel/Kerosene	ND						
Fuel Oil #2/ Diesel Fuel	ND				118	98	18.5
Fuel Oil #4	ND						
Fuel Oil #6	ND						
Motor Oil	ND						
Other Oil (Cutting & Lubricating)	ND						
Unidentified	ND						
Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.							
QA/QC Batch Sample No: AH12492 (AH12972)							
Polychlorinated Biphenyls							
PCB-1016	ND				128	114	11.6
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND				116	130	11.4
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	91				99	98	1.0
% TCMX (Surrogate Rec)	113				100	100	0.0
Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.							
QA/QC Batch Sample No: AH12545 (AH12972)							
Volatiles Organics							
1,1,1,2-Tetrachloroethane	ND	102			105	100	4.9
1,1,1-Trichloroethane	ND	96			100	98	2.0
1,1,2,2-Tetrachloroethane	ND	100			97	92	5.3
1,1,2-Trichloroethane	ND	96			101	97	4.0
1,1-Dichloroethane	ND	97			86	95	9.9
1,1-Dichloroethene	ND	81			98	92	6.3
1,1-Dichloropropene	ND	94			97	97	0.0
1,2,3-Trichlorobenzene	ND	105			99	98	1.0

QA/QC Data

SDG I.D.: GAH12972

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichloropropane	ND	109			99	93	6.3
1,2,4-Trichlorobenzene	ND	103			99	100	1.0
1,2,4-Trimethylbenzene	ND	98			98	97	1.0
1,2-Dibromo-3-chloropropane	ND	>130			>130	>130	
1,2-Dichlorobenzene	ND	100			101	99	2.0
1,2-Dichloroethane	ND	98			110	103	6.6
1,2-Dichloropropane	ND	95			94	91	3.2
1,3,5-Trimethylbenzene	ND	99			98	97	1.0
1,3-Dichlorobenzene	ND	99			97	97	0.0
1,3-Dichloropropane	ND	96			99	95	4.1
1,4-Dichlorobenzene	ND	99			100	100	0.0
2,2-Dichloropropane	ND	74			<70	<70	
2-Chlorotoluene	ND	96			99	94	5.2
4-Chlorotoluene	ND	96			99	94	5.2
Benzene	ND	95			96	91	5.3
Bromobenzene	ND	100			99	99	0.0
Bromochloromethane	ND	98			104	97	7.0
Bromodichloromethane	ND	99			103	97	6.0
Bromoform	ND	101			106	103	2.9
Bromomethane	ND	93			100	106	5.8
Carbon tetrachloride	ND	94			103	101	2.0
Chlorobenzene	ND	100			101	97	4.0
Chloroethane	ND	85			93	90	3.3
Chloroform	ND	100			100	95	5.1
Chloromethane	ND	81			97	91	6.4
cis-1,2-Dichloroethene	ND	95			97	91	6.4
cis-1,3-Dichloropropene	ND	94			91	86	5.6
Dibromochloromethane	ND	102			105	99	5.9
Dibromoethane	ND	99			104	99	4.9
Dibromomethane	ND	98			101	97	4.0
Dichlorodifluoromethane	ND	<70			113	110	2.7
Ethylbenzene	ND	98			99	95	4.1
Hexachlorobutadiene	ND	97			92	97	5.3
Isopropylbenzene	ND	106			97	96	1.0
m&p-Xylene	ND	99			98	95	3.1
Methyl t-butyl ether (MTBE)	ND	109			116	112	3.5
Methylene chloride	ND	93			95	88	7.7
n-Butylbenzene	ND	94			89	91	2.2
n-Propylbenzene	ND	98			94	94	0.0
Naphthalene	ND	96			87	84	3.5
o-Xylene	ND	102			100	97	3.0
p-Isopropyltoluene	ND	100			94	96	2.1

QA/QC Data

SDG I.D.: GAH12972

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
sec-Butylbenzene	ND	92			92	95	3.2
Styrene	ND	97			104	94	10.1
tert-Butylbenzene	ND	97			97	97	0.0
Tetrachloroethene	ND	98			98	97	1.0
Toluene	ND	96			98	95	3.1
trans-1,2-Dichloroethene	ND	89			96	91	5.3
trans-1,3-Dichloropropene	ND	99			95	91	4.3
Trichloroethene	ND	96			102	99	3.0
Trichlorofluoromethane	ND	89			102	98	4.0
Vinyl chloride	ND	85			97	90	7.5
% 1,2-dichlorobenzene-d4	98	101			99	100	1.0
% Bromofluorobenzene	97	100			100	98	2.0
% Dibromofluoromethane	101	98			103	95	8.1
% Toluene-d8	101	98			98	96	2.1

Comment: LFB was analyzed with this batch instead of MS/MSD

QA/QC Batch Sample No: AH12972 (AH12972)

Semivolatiles

1,2,4-Trichlorobenzene	ND						
1,2-Dichlorobenzene	ND						
1,2-Diphenylhydrazine	ND						
1,3-Dichlorobenzene	ND						
1,4-Dichlorobenzene	ND						
2,4,5-Trichlorophenol	ND						
2,4,6-Trichlorophenol	ND						
2,4-Dichlorophenol	ND						
2,4-Dimethylphenol	ND						
2,4-Dinitrophenol	ND						
2,4-Dinitrotoluene	ND						
2,6-Dichlorophenol	ND						
2,6-Dinitrotoluene	ND						
2-Chloronaphthalene	ND						
2-Chlorophenol	ND						
2-Methylnaphthalene	ND				74	76	2.7
2-Methylphenol (o-cresol)	ND						
2-Nitroaniline	ND						
2-Nitrophenol	ND						
3&4-Methylphenol (m&p-cresol)	ND						
3,3'-Dichlorobenzidine	ND						
3-Nitroaniline	ND						
4,6-Dinitro-2-methylphenol	ND						
4-Bromophenyl phenyl ether	ND						

QA/QC Data

SDG I.D.: GAH12972

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
4-Chloro-3-methylphenol	ND						
4-Chloroaniline	ND						
4-Chlorophenyl phenyl ether	ND						
4-Nitroaniline	ND						
4-Nitrophenol	ND						
Acenaphthene	ND				88	84	4.7
Acenaphthylene	ND						
Anthracene	ND				96	98	2.1
Benz(a)anthracene	ND						
Benzidine	ND						
Benzo(a)pyrene	ND						
Benzo(b)fluoranthene	ND						
Benzo(ghi)perylene	ND				84	80	4.9
Benzo(k)fluoranthene	ND						
Benzoic acid	ND						
Benzyl alcohol	ND						
Benzyl butyl phthalate	ND						
Bis(2-chloroethoxy)methane	ND						
Bis(2-chloroethyl)ether	ND						
Bis(2-chloroisopropyl)ether	ND						
Bis(2-ethylhexyl)phthalate	ND						
Chrysene	ND						
Di-n-butylphthalate	ND						
Di-n-octylphthalate	ND						
Dibenz(a,h)anthracene	ND						
Dibenzofuran	ND						
Diethyl phthalate	ND						
Dimethylphthalate	ND						
Fluoranthene	ND				90	96	6.5
Fluorene	ND				90	87	3.4
Hexachlorobenzene	ND				87	89	2.3
Hexachlorobutadiene	ND						
Hexachlorocyclopentadiene	ND						
Hexachloroethane	ND				84	74	12.7
Indeno(1,2,3-cd)pyrene	ND						
Isophorone	ND						
N-Nitrosodi-n-propylamine	ND						
N-Nitrosodimethylamine	ND						
N-Nitrosodiphenylamine	ND						
Naphthalene	ND				79	74	6.5
Nitrobenzene	ND						
Pentachlorophenol	ND						

QA/QC Data

SDG I.D.: GAH12972

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Phenanthrene	ND						
Phenol	ND						
Pyrene	ND				88	89	1.1
Pyridine	ND						
% 2,4,6-Tribromophenol	83				110	111	0.9
% 2-Fluorobiphenyl	73				79	75	5.2
% 2-Fluorophenol	70				73	61	17.9
% Nitrobenzene-d5	75				78	72	8.0
% Phenol-d5	81				91	75	19.3
% Terphenyl-d14	84				86	90	4.5

Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate

Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 19, 2006

PHOENIX

ACCREDITED IN ACCORDANCE WITH nelac

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Certification Report

April 19, 2006

SDG I.D.: GAH12972

MADEP MCP 8082 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table V A-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes.

8082 Narration:

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.

Printed Name	Michael Hahn
Position:	Chemist
Date:	4/11/2006 10:45:21 AM

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Certification Report

April 19, 2006

SDG I.D.: GAH12972

MADEP MCP 8260 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table II A-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes, with the following exceptions.

8260 Narration:

Initial Calibration Verification:
All SPCCs, CCCs and >90% of target compounds met criteria.
The following compounds had %RSDs >30%:
1,2-Dibromo-3-chloropropane
Continuing Calibration Verification:
All SPCCs, CCCs and >90% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had %Deviations >30%:

All LCS recoveries were within 70-130 with the folowing exceptions:1,2-Dibromo-3-chloropropane, Dichlorodifluoromethane

The following compounds from the MCP analyte list were not performed: Carbon disulfide, diethyl ether, diisopropyl ether, (ETBE), hexanone, (MIBK), and (THF).

The RPDs between the MS/MSD for some of the compounds may be greater than acceptance criteria. A dual concentrator with robotic autosampler was used in this case. One MS is analyzed on one concentrator and the MSD is analyzed on the other concentrator. The high RPDs can be attributed to possible differences between the two concentrators. Note that the majority of recoveries met criteria.

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.

Printed Name Raman Makol
Position: Chemist
Date: 4/7/2006 1:15:00 PM

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Certification Report

April 19, 2006

SDG I.D.: GAH12972

MADEP MCP 8270 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table II B-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes, with the following exceptions.

8270 Narration:

Initial Calibration:
All SPCCs, CCCs and >90% of target compounds met criteria. The following compounds had %RSDs >30%: None

Continuing Calibration:
All SPCCs, CCCs and >90% of target compounds met criteria. The following compounds had %Ds >20%: None

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

For soil samples, the matrix spike and matrix spike duplicate were spiked with the ten compounds that historically have been used to monitor performance and the LCS was spiked with all of the target compounds using a 2nd source standard.

For water samples unless specified, an LCS/LCSD was performed which contains all of the target compunds.

Acetophenone, aniline and azobenzene are not reported in the laboratory 8270 compound list.

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.

Printed Name Keith Aloisa
Position: Chemist
Date: 4/17/2006 2:25:31 PM

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Certification Report

April 19, 2006

SDG I.D.: GAH12972

MADEP MCP 7000 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table III C-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes, with the following exceptions.

Graphite Furnace (7000 series) Narration:

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.

Printed Name	Rick Schweitzer
Position:	Chemist
Date:	4/18/2006 9:04:14 AM

MADEP MCP 7470/7471 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table III B-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes, with the following exceptions.

Mercury Narration:

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.

Printed Name	Rick Schweitzer
Position:	Chemist
Date:	4/17/2006 10:14:00 AM

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Certification Report

April 19, 2006

SDG I.D.: GAH12972

MADEP MCP 6010 Certification

Were all QA/QC procedures required (as specified in WSC-CAM Table III A-1) followed including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? Yes, with the following exceptions.

6010 Narration:Soils, aqueous digests, and TCLP extracts are run in the same analytical run. The method blank and laboratory control sample are matrix matched; the standards and calibration blanks may not exactly have the same acid concentration as the samples. The client request a shorter list of compounds than that listed in the MCP. The client request a shorter list of compounds than that listed in the MCP.

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.

Printed Name	Emily Kolominskaya
Position:	Chemist
Date:	4/11/2006 5:24:45 PM

MADEP MCP Response Action Analytical Report Certification Form

Laboratory Name: Phoenix Environmental Laboratories, Inc. **Project #:**

Project Location: BRIDGE STREET BYPASS **MADEP RTN1:**

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

AH12972

Sample Matrices: ☑ Groundwater ☐ Soil/Sediment ☐ Drinking Water ☐ Other:

MCP SW-846 Methods Used					
	☑ 8260B	☐ 8151A	☐ 8330	☑ 6010B	☑ 7470A/1A
	☑ 8270C	☐ 8081A	☐ VPH	☐ 6020	☐ 9014M2
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	☑ 8082	☐ 8021B	☐ EPH	☐ 7000S3	☐ 7196A

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Metho
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 ☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Refer to attached MCP Certification (s).
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Refer to attached MCP Certification (s).
D	VPH and EPH Methods only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Refer to attached MCP Certification (s).

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?	Refer to attached MCP Certification (s).
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☐ Yes ☑ No

All negative responses must be addressed in an attached Environmental Laboratory case narrative.

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

Authorized Signature: Phyllis Shiller Date: Wednesday, April 19, 2006

Printed Name: Phyllis Shiller Position: Laboratory Director

Printed Name: Kathleen Cressia Position: QA/QC Officer

CAM VII A, rev. 3.2 April 2004

PHOENIX

Environmental Laboratories, Inc.

Friday, April 28, 2006

MAY - 1

Batq
448 Broadwav
Taunton MA 02780

Attention: Mr Robert Ives

Sample ID#: AH12972

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 ▪ Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 28, 2006

FOR: Attn: Mr. Robert Ives
BATG Environmental Inc.
448 Broadway
Taunton, MA 02780

Sample Information

Matrix:	WATER
Location Code:	BATGTAUN
Rush Request:	RUSH##
P.O.#:	66-100

Custody Information

		Date	Time
Collected by:	RI	04/05/06	14:05
Received by:	LB	04/06/06	14:45
Analyzed by:	see "By" below		

Laboratory Data

SDG I.D.: GAH12972
Phoenix I.D.: AH12972

Client ID: BRIDGE STREET BYPASS GW SMP. STA 264 & 40

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	0.057	0.001	mg/L	04/11/06		EK	200.7/6010
Arsenic	0.091	0.004	mg/L	04/11/06		EK	200.7/6010
Barium	1.33	0.002	mg/L	04/11/06		EK	6010/E200.7
Beryllium	0.003	0.001	mg/L	04/11/06		EK	200.7/6010
Cadmium	0.04	0.001	mg/L	04/11/06		EK	6010/E200.7
Chromium	0.193	0.001	mg/L	04/11/06		EK	200.7/6010
Copper	0.735	0.001	mg/L	04/11/06		EK	6010/E200.7
Silver (Dissolved)	0.001	0.001	mg/L	04/11/06		EKT	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/11/06		EKT	200.7/6010
Barium (Dissolved)	0.264	0.002	mg/L	04/11/06		EKT	6010/E200.7
Beryllium (Dissolved)	< 0.001	0.001	mg/L	04/11/06		EKT	200.7/6010
Cadmium (Dissolved)	0.002	0.001	mg/L	04/11/06		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/11/06		EKT	200.7/6010
Copper (Dissolved)	0.002	0.001	mg/L	04/11/06		EKT	6010/E200.7
Iron (Dissolved)	0.008	0.002	mg/L	04/11/06		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/07/06		RS	SW-7470
Nickel (Dissolved)	0.008	0.002	mg/L	04/11/06		EKT	200.7/6010
Lead (Dissolved)	0.021	0.002	mg/L	04/11/06		EKT	200.7
Antimony (Dissolved)	< 0.005	0.005	mg/L	04/11/06		EKT	200.7/6010
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/11/06		EKT	200.7/6010
Thallium (Dissolved)	< 0.005	0.005	mg/L	04/17/06		RS	279.2
Zinc (Dissolved)	0.268	0.002	mg/L	04/11/06		EKT	200.7/6010
Iron	50.6	0.002	mg/L	04/11/06		EK	6010/E200.7
Mercury	0.0043	0.0004	mg/L	04/07/06		RS	7470/E245.1

Client ID: BRIDGE STREET BYPASS GW SMP. STA 264 & 40 **Phoenix I.D.: AH12972**

Parameter	Result	RL	Units	Date	Time	By	Reference
Nickel	0.168	0.001	mg/L	04/11/06		EK	200.7/6010
Lead (Furnace)	15.4	0.2	mg/L	04/07/06		RS	7421/S3113B
Antimony	0.02	0.005	mg/L	04/11/06		EK	200.7/6010
Selenium	< 0.01	0.01	mg/L	04/11/06		EK	6010/200.7
Thallium	0.004	0.002	mg/L	04/17/06		RS	279.2
Zinc	5.29	0.002	mg/L	04/11/06		EK	200.7/6010
Chlorine Residual	< 0.02	0.02	mg/L	04/06/06	23:00	CD	4500Cl-G
Chromium, Hexavalent	< 0.01	0.01	mg/L	04/06/06	18:30	CD	S3500CRD
Phenolics	< 0.015	0.015	mg/L	04/12/06		G/J	E420.2
Total Cyanide	< 0.01	0.01	mg/L	04/07/06		M/G	9010/335.3
MADEP MCP 8082 Certification	Completed			04/11/06		MH	MCP
MADEP MCP 8260 Certification	Completed			04/07/06		RM	MCP
MADEP MCP 8270 Certification	Completed			04/17/06		KCA	MCP
MADEP MCP 7000 Certification	Completed			04/18/06		RS	MCP
MADEP MCP 6010 Certification	Completed			04/11/06		EK	MCP
Filtration Dissolved Metals	Completed			04/06/06		AG	.45um Filter
Dissolved Mercury Digestion	Completed		NA	04/07/06		E	SW7470
Mercury Digestion	Completed			04/07/06		E	E245.1
PCB Extraction	Completed			04/06/06		O	SW3510/3520
Semi-Volatile Extraction	Completed			04/06/06		O/M	SW3510/3520
Dissolved Metals Preparation	Completed			04/06/06		AG	SW846-3005
Total Metals Digestion	Completed			04/06/06		AG	
Extraction of TPH MOD 8100	Completed			04/06/06		O/M	3550/5030
Polychlorinated Biphenyls							
PCB-1016	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1221	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1232	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1242	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1248	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1254	45	5.0	ug/L	04/10/06		MH	608/ 8082
PCB-1260	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1262	ND	0.5	ug/L	04/10/06		MH	608/ 8082
PCB-1268	ND	0.5	ug/L	04/10/06		MH	608/ 8082
QA/QC Surrogates							
% DCBP (Surrogate Rec)	140		%	04/10/06		MH	608/ 8082
% TCMX (Surrogate Rec)	104		%	04/10/06		MH	608/ 8082
TPH by GC (Extractable Products)							
Aviation Fuel/Kerosene	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Fuel Oil #2/ Diesel Fuel	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Fuel Oil #4	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Fuel Oil #6	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Motor Oil	ND	0.5	mg/L	04/10/06		JRB	8100Modified
Other Oil (Cutting & Lubricating)	ND	0.5	mg/L	04/10/06		JRB	8100Modified

Parameter	Result	RL	Units	Date	Time	By	Reference
Unidentified	ND	0.5	mg/L	04/10/06		JRB	8100Modified
QA/QC Surrogates							
% n-Pentacosane	102		%	04/10/06		JRB	8100Modified
Acetone	< 10	10	ug/l	04/06/06		RM	SW8260
1,4-dioxane	< 1.0	1.0	ug/L	04/12/06		RM	SW8260MOD
Tert-amyl-methyl-ether	< 5.0	5.0	ug/L	04/06/06		RM	SW8260
Tert-butyl alcohol	< 200	200	ug/L	04/06/06		RM	SW8260
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	1	ug/L	04/06/06		RM	SW8260
1,1,1-Trichloroethane	ND	1	ug/L	04/06/06		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/06/06		RM	SW8260
1,1,2-Trichloroethane	ND	1	ug/L	04/06/06		RM	SW8260
1,1-Dichloroethane	ND	1	ug/L	04/06/06		RM	SW8260
1,1-Dichloroethene	ND	1	ug/L	04/06/06		RM	SW8260
1,1-Dichloropropene	ND	1	ug/L	04/06/06		RM	SW8260
1,2,3-Trichlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,2,3-Trichloropropane	ND	1	ug/L	04/06/06		RM	SW8260
1,2,4-Trichlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,2,4-Trimethylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,2-Dichlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,2-Dichloroethane	ND	1	ug/L	04/06/06		RM	SW8260
1,2-Dichloropropane	ND	1	ug/L	04/06/06		RM	SW8260
1,3,5-Trimethylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,3-Dichlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
1,3-Dichloropropane	ND	1	ug/L	04/06/06		RM	SW8260
1,4-Dichlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
2,2-Dichloropropane	ND	1	ug/L	04/06/06		RM	SW8260
2-Chlorotoluene	ND	1	ug/L	04/06/06		RM	SW8260
4-Chlorotoluene	ND	1	ug/L	04/06/06		RM	SW8260
Benzene	ND	1	ug/L	04/06/06		RM	SW8260
Bromobenzene	ND	1	ug/L	04/06/06		RM	SW8260
Bromochloromethane	ND	1	ug/L	04/06/06		RM	SW8260
Bromodichloromethane	ND	0.5	ug/L	04/06/06		RM	SW8260
Bromoform	ND	1	ug/L	04/06/06		RM	SW8260
Bromomethane	ND	1	ug/L	04/06/06		RM	SW8260
Carbon tetrachloride	ND	1	ug/L	04/06/06		RM	SW8260
Chlorobenzene	ND	1	ug/L	04/06/06		RM	SW8260
Chloroethane	ND	1	ug/L	04/06/06		RM	SW8260
Chloroform	ND	1	ug/L	04/06/06		RM	SW8260
Chloromethane	ND	1	ug/L	04/06/06		RM	SW8260
cis-1,2-Dichloroethene	ND	1	ug/L	04/06/06		RM	SW8260
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/06/06		RM	SW8260
Dibromochloromethane	ND	0.5	ug/L	04/06/06		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibromomethane	ND	1	ug/L	04/06/06		RM	SW8260
Dichlorodifluoromethane	ND	1	ug/L	04/06/06		RM	SW8260
Ethylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
Hexachlorobutadiene	ND	0.4	ug/L	04/06/06		RM	SW8260
Isopropylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
m&p-Xylene	ND	1	ug/L	04/06/06		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1	ug/L	04/06/06		RM	SW8260
Methylene chloride	ND	1	ug/L	04/06/06		RM	SW8260
n-Butylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
n-Propylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
Naphthalene	ND	1	ug/L	04/06/06		RM	SW8260
o-Xylene	ND	1	ug/L	04/06/06		RM	SW8260
p-Isopropyltoluene	ND	1	ug/L	04/06/06		RM	SW8260
sec-Butylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
Styrene	ND	1	ug/L	04/06/06		RM	SW8260
tert-Butylbenzene	ND	1	ug/L	04/06/06		RM	SW8260
Tetrachloroethene	ND	1	ug/L	04/06/06		RM	SW8260
Toluene	ND	1	ug/L	04/06/06		RM	SW8260
Total Xylenes	ND	0.5	ug/L	04/06/06		RM	SW8260
trans-1,2-Dichloroethene	ND	1	ug/L	04/06/06		RM	SW8260
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/06/06		RM	SW8260
Trichloroethene	ND	1	ug/L	04/06/06		RM	SW8260
Trichlorofluoromethane	ND	1	ug/L	04/06/06		RM	SW8260
Vinyl chloride	ND	1	ug/L	04/06/06		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	04/06/06		RM	SW8260
% Bromofluorobenzene	99		%	04/06/06		RM	SW8260
% Dibromofluoromethane	99		%	04/06/06		RM	SW8260
% Toluene-d8	101		%	04/06/06		RM	SW8260
Semivolatiles							
1,2,4-Trichlorobenzene	ND	10.0	ug/L	04/12/06		KCA	SW8270
1,2-Dichlorobenzene	ND	10.0	ug/L	04/12/06		KCA	SW8270
1,2-Diphenylhydrazine	ND	10.0	ug/L	04/12/06		KCA	SW8270
1,3-Dichlorobenzene	ND	10.0	ug/L	04/12/06		KCA	SW8270
1,4-Dichlorobenzene	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,4,5-Trichlorophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,4,6-Trichlorophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,4-Dichlorophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,4-Dimethylphenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,4-Dinitrophenol	ND	50.0	ug/L	04/12/06		KCA	SW8270
2,4-Dinitrotoluene	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,6-Dichlorophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2,6-Dinitrotoluene	ND	10.0	ug/L	04/12/06		KCA	SW8270

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Chloronaphthalene	ND	10.0	ug/L	04/12/06		KCA	SW8270
2-Chlorophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
2-Methylnaphthalene	ND	10.0	ug/L	04/12/06		KCA	SW8270
2-Methylphenol (o-cresol)	ND	10.0	ug/L	04/12/06		KCA	SW8270
2-Nitroaniline	ND	50.0	ug/L	04/12/06		KCA	SW8270
2-Nitrophenol	ND	10.0	ug/L	04/12/06		KCA	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10.0	ug/L	04/12/06		KCA	SW8270
3,3'-Dichlorobenzidine	ND	20.0	ug/L	04/12/06		KCA	SW8270
3-Nitroaniline	ND	50.0	ug/L	04/12/06		KCA	SW8270
4,6-Dinitro-2-methylphenol	ND	50.0	ug/L	04/12/06		KCA	SW8270
4-Bromophenyl phenyl ether	ND	10.0	ug/L	04/12/06		KCA	SW8270
4-Chloro-3-methylphenol	ND	20.0	ug/L	04/12/06		KCA	SW8270
4-Chloroaniline	ND	20.0	ug/L	04/12/06		KCA	SW8270
4-Chlorophenyl phenyl ether	ND	10.0	ug/L	04/12/06		KCA	SW8270
4-Nitroaniline	ND	50.0	ug/L	04/12/06		KCA	SW8270
4-Nitrophenol	ND	50.0	ug/L	04/12/06		KCA	SW8270
Acenaphthene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Acenaphthylene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Anthracene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Benzidine	ND	10.0	ug/L	04/12/06		KCA	SW8270
Benzo(a)anthracene	9.0	0.06	ug/L	04/12/06		KCA	SW8270
Benzo(a)pyrene	7.5	0.2	ug/L	04/12/06		KCA	SW8270
Benzo(b)fluoranthene	9.7	0.08	ug/L	04/12/06		KCA	SW8270
Benzo(g,h,i)perylene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Benzo(k)fluoranthene	4.1	0.5	ug/L	04/12/06		KCA	SW8270
Benzoic acid	ND	50.0	ug/L	04/12/06		KCA	SW8270
Benzyl alcohol	ND	20.0	ug/L	04/12/06		KCA	SW8270
Benzyl butyl phthalate	ND	10.0	ug/L	04/12/06		KCA	SW8270
Bis(2-chloroethoxy)methane	ND	10.0	ug/L	04/12/06		KCA	SW8270
Bis(2-chloroethyl)ether	ND	10.0	ug/L	04/12/06		KCA	SW8270
Bis(2-chloroisopropyl)ether	ND	10.0	ug/L	04/12/06		KCA	SW8270
Bis(2-ethylhexyl)phthalate	260	2.0	ug/L	04/12/06		KCA	SW8270
Chrysene	9.5	4.8	ug/L	04/12/06		KCA	SW8270
Di-n-butylphthalate	ND	10.0	ug/L	04/12/06		KCA	SW8270
Di-n-octylphthalate	ND	10.0	ug/L	04/12/06		KCA	SW8270
Dibenz(a,h)anthracene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Dibenzofuran	ND	10.0	ug/L	04/12/06		KCA	SW8270
Diethyl phthalate	ND	10.0	ug/L	04/12/06		KCA	SW8270
Dimethylphthalate	ND	10.0	ug/L	04/12/06		KCA	SW8270
Fluoranthene	22	10.0	ug/L	04/12/06		KCA	SW8270
Fluorene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Hexachlorobenzene	ND	1.0	ug/L	04/12/06		KCA	SW8270
Hexachlorobutadiene	ND	10.0	ug/L	04/12/06		KCA	SW8270
Hexachlorocyclopentadiene	ND	10.0	ug/L	04/12/06		KCA	SW8270