



Weston Solutions, Inc.
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13 July 2006

U.S. Environmental Protection Agency
RGP-NOC Processing Region 1
Municipal Assistance Unit (CMU)
One Congress Street, Suite 1100
Boston, MA 02114-2023

Subject: RGP Notice of Intent
Replacement of Existing NPDES Permit MA0001261
Building 51 Remediation System
Merrimack Valley Works
1600 Osgood Street
North Andover, Massachusetts

To Whom it May Concern:

Weston Solutions, Inc. (WESTON) is submitting the attached Notice of Intent (NOI) for coverage under the National Pollutant Discharge Elimination System (NPDES) Remediation General Permit (RGP) No. MAG910000. This NOI is for the discharge of treated water from the Building 51 remediation system located at 1600 Osgood Street in North Andover, Massachusetts.

The discharge covered by this NOI is currently permitted under NPDES Permit MA0001261, and the purpose of this NOI is to transfer coverage to the Massachusetts RGP. Please note that the existing NPDES permit covers multiple discharges at the 1600 Osgood Street site. This NOI covers one of these discharges (the Building 51 remediation system). A separate NOI is concurrently being submitted for the discharge from the Building 70/71 remediation system, which is also covered under NPDES Permit No. MA0001261.

Groundwater remediation work is ongoing at the Merrimack Valley Works/1600 Osgood Street site. This work is regulated under the Massachusetts Contingency Plan (MCP). Release Tracking Number 3-00174 covers the remediation system that is the subject of this NOI.

This NOI consists of the following components:

1. The completed NOI form.

In the data table in the NOI form, the Minimum Levels of the Test Method are reported as 3.18 times the Method Detection Limit, or the Sample Reporting Limit, whichever is lower. A summary of historical influent and effluent data is provided in Attachment I to provide additional information on potential contaminants at the site.

The influent maximum and average daily masses in the data table in the NOI form are calculated using the maximum and average flow rates, respectively.

2. A location map for the site, discharge, extraction wells, groundwater treatment system, and relevant environmental conditions.



Notice of Intent,
Building 51 Remediation System
Merrimack Valley Works/1600 Osgood St.
North Andover, MA

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Remediation General
Permit No. MAG910000

3. A process flow diagram for the Building 51 treatment system.
4. A supplemental data table demonstrating the long-term performance of the Building 51 treatment system (Attachment I).
5. A letter from the National Marine Fisheries Service stating that no effects on endangered species are likely to result from the discharge (Attachment II).
6. The calculation used to determine the dilution factor in Part 3.c. of the NOI form (Attachment III).
7. Attachment IV, the analytical laboratory reports for the results reported in the NOI form.

Please review the attached information and process this NOI in accordance with RGP MAG910000. If you have any questions concerning this matter please contact me at (603) 656-5412 or James Soukup, LSP at (603) 656-5480.

Sincerely,

WESTON SOLUTIONS, INC.

A handwritten signature in black ink, appearing to read "Frederick R. Symmes".

Frederick R. Symmes, P.E.
Project Manager

Attachments

cc: MassDEP, Division of Watershed Management
MassDEP, Bureau of Waste Management, NE Regional Office
Town of North Andover, MA
Greg Vierkant (Lucent Technologies, Inc.)
Ellen Keller (Ozzie Properties)
Frank Lilley (EA-ES&T)
James Soukup (WESTON)

**NOTICE OF INTENT FORM
REMEDATION GENERAL PERMIT NO MAG910000**

**BUILDING 51 REMEDIATION SYSTEM
MERRIMACK VALLEY WORKS/1600 OSGOOD STREET
NORTH ANDOVER, MA**

Prepared for:

U.S. ENVIRONMENTAL PROTECTION AGENCY

RGP-NOC Processing Region 1
Municipal Assistance Unit (CMU)
One Congress Street, Suite 1100
Boston, MA 02114-2023

Prepared by:

WESTON SOLUTIONS, INC.

One Wall Street
Manchester, New Hampshire 03101-1501

July 2006

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 : Building 51 Remediation System at Merrimack Valley Works/1600 Osgood Street		Facility/site address:	
Location of facility/site : longitude: <u>42d43'51"N</u> latitude: <u>71d6'57"W</u>	Facility SIC code(s): 3661	Street: 1600 Osgood Street,	
b) Name of facility/site owner : Lucent Technologies, Inc.		Town: North Andover	
Email address of owner: vierkant@lucent.com	State: MA	Zip: 01845	County: Essex
Telephone no. of facility/site owner : (417) 882-2211			
Fax no. of facility/site owner : (417) 882-2167	Owner is (check one): 1. Federal____ 2. State/Tribal____ 3. Private ☒ 4. other, if so, describe:		
Address of owner (if different from site):			
Street: 2101 West Chesterfield Blvd; Suite C100-110			
Town: Springfield	State: MO	Zip: 65807	County: Springfield-Greene
c) Legal name of operator : Weston Solutions, Inc.	Operator telephone no: (603) 656-5412		
	Operator fax no.: (603) 656-5401		Operator email: Fred.Symmes@WestonSolutions.com
Operator contact name and title: Frederick R. Symmes, P.E., Project Manager			

Address of operator (if different from owner):		Street: 1 Wall Street	
Town: Manchester	State: NH	Zip: 03101	County: Hillsborough
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 #: 7/3/02, NPDES Perm. # MA0001261 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: MassDEP RTN 3-00174 2. permit or license # assigned: MCP Permit No. W016340 3. state agency contact information: name, location, and telephone number: MassDEP NE Region, Muhammad Ahsan, Wilmington, MA, 978-694-3200		f) Is the site/facility covered by any other EPA permit, including: 1. multi-sector storm water general permit? Y___ N ☒ , 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: MA0001261 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: Operation of a groundwater pump-and-treat system for remediation of groundwater contaminated with volatile organic compounds (VOCs).		
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 0.156 cfs Average flow 0.082 cfs Is maximum flow a design value ? Y___ N ☒ For average flow, include the units and appropriate notation if this value is a design value or estimate if not available.
3) Latitude and longitude of each discharge within 100 feet: pt.1: long. 42d44'00" lat. 71d07'16"; pt.2: long. lat.; pt.3: long. lat.; pt.4: long. lat.; pt.5: long. lat.; pt.6: long. lat.; pt.7: long. lat.; pt.8: long. lat.; etc.		

4) If hydrostatic testing, total volume of the discharge (gals): N.A.	5) Is the discharge intermittent_____ or seasonal_____ Is discharge ongoing Yes ☒ No _____?
c) Expected dates of discharge (mm/dd/yy): start <u>06/01/90</u> end <u>08/01/10</u>	
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 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method (ug/L)	Maximum daily value		Avg. daily value	
							concentration (ug/L)	mass (kg)	concentration (ug/L)	mass (kg)
1. Total Suspended Solids		☒	1	grab	160.2	5000	7000	1.4	7000	2.7
2. Total Residual Chlorine	☒		1	grab	4500	50				
3. Total Petroleum Hydrocarbons	☒		1	grab	1664A	5200				
4. Cyanide	☒		1	grab	10-204-00-1	10				
5. Benzene	☒		26	grab	8260B	0.45				
6. Toluene		☒	26	grab	8260B	1.0	24	0.0092	0.5	0.00010
7. Ethylbenzene		☒	26	grab	8260B	0.57	3.0	0.0011	0.18	0.00004
8. (m,p,o) Xylenes		☒	26	grab	8260B	1.2	7.4	0.0028	0.38	0.00008
9. Total BTEX ⁴		☒	26	grab	8260B	1.2	34.4	0.013	1.06	0.00021

⁴BTEX = Sum of Benzene, Toluene, Ethylbenzene, total Xylenes. The minimum level shown is the maximum minimum level for the individual BTEX analytes.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method (ug/L)	Maximum daily value		Avg. daily value	
							concentration (ug/L)	mass (kg)	concentration (ug/L)	mass (kg)
10. Ethylene Dibromide (1,2- Dibromo-methane)	✓		1	grab	8011	0.019				
11. Methyl-tert-Butyl Ether (MtBE)		✓	26	grab	8260B	1.0	0.3	0.00011	0.3	0.00006
12. tert-Butyl Alcohol (TBA)	✓		1	grab	8260B	1.6				
13. tert-Amyl Methyl Ether (TAME)	✓		26	grab	8260B	1.6				
14. Naphthalene	✓		26	grab	8260B	0.6				
15. Carbon Tetra-chloride	✓		26	grab	8260B	0.76				
16. 1,4 Dichlorobenzene	✓		26	grab	8260B	0.5				
17. 1,2 Dichlorobenzene	✓		26	grab	8260B	0.26				
18. 1,3 Dichlorobenzene	✓		26	grab	8260B	0.38				
19. 1,1 Dichloroethane		✓	26	grab	8260B	0.57	86	0.033	32	0.0064
20. 1,2 Dichloroethane	✓		26	grab	8260B	0.26				
21. 1,1 Dichloroethylene		✓	26	grab	8260B	0.64	78	0.030	35	0.007
22. cis-1,2 Dichloro-ethylene		✓	26	grab	8260B	1.0	500	0.19	154	0.03
23. Dichloromethane (Methylene Chloride)	✓		26	grab	8260B	1.6				
24. Tetrachloroethylene		✓	26	grab	8260B	0.45	4.4	0.0017	3.3	0.00066

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	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	grab	8260B	0.83	16	0.0061	8.5	0.0017
26. 1,1,2 Trichloroethane	✓		26	grab	8260B	0.22				
27. Trichloroethylene		✓	26	grab	8260B	0.6	1000	0.38	322	0.065
28. Vinyl Chloride		✓	26	grab	8260B	0.7	8.4	0.0032	5.2	0.0010
29. Acetone	✓		26	grab	8260B	12				
30. 1,4 Dioxane	✓		26	grab	8260B	21				
31. Total Phenols		✓	1	grab	420.2	0.10	17	0.0065	17	0.0034
32. Pentachlorophenol	✓		1	grab	8270C	1.3				
33. Total Phthalates ⁵ (Phthalate esthers)		✓	1	grab	8270C	0.90	2.9	0.0011	2.9	0.0006
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✓		1	grab	8270C	0.41				
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH) ⁶	✓		1	grab	8270C	0.21				
a. Benzo(a) Anthracene	✓		1	grab	8270C	0.31				
b. Benzo(a) Pyrene	✓		1	grab	8270C	0.21				
c. Benzo(b)Fluoranthene	✓		1	grab	8270C	0.31				
d. Benzo(k) Fluoranthene	✓		1	grab	8270C	0.31				
e. Chrysene	✓		1	grab	8270C	0.60				

⁵The sum of detected individual phthalate, PAH, & PCB compounds are reported for each of these groups. The minimum level shown is the maximum minimum level for the individual analytes in each group.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
							concentration (ug/L)	mass (kg)	concentration (ug/L)	mass (kg)
f. Dibenzo(a,h) anthracene	✓		1	grab	8270C	0.52				
g. Indeno(1,2,3-cd) Pyrene	✓		1	grab	8270C	0.52				
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	✓		1	grab	8270C	0.26				
h. Acenaphthene	✓		1	grab	8270C	0.60				
i. Acenaphthylene	✓		1	grab	8270C	0.31				
j. Anthracene	✓		1	(ug/L) grab	8270C	0.70				
k. Benzo(ghi) Perylene	✓		1	grab	8270C	0.48				
l. Fluoranthene	✓		1	grab	8270C	0.76				
m. Fluorene	✓		1	grab	8270C	0.76				
n. Naphthalene-	✓		1	grab	8270C	0.70				
o. Phenanthrene	✓		1	grab	8270C	0.21				
p. Pyrene	✓		1	grab	8270C	0.70				
37. Total Polychlorinated Biphenyls (PCBs)	✓		1	grab	608	0.41				
38. Antimony		✓	1	grab	200.7	6.4	8.1	0.0031	8.1	0.0016
39. Arsenic		✓	1	grab	200.7	10	4.7	0.0018	4.7	0.0009
40. Cadmium		✓	1	grab	200.7	1.0	0.33	0.00013	0.33	0.00007
41. Chromium III		✓	1	grab	200.7	2.1	2.2	0.00084	2.2	0.00044
42. Chromium VI	✓		1	grab	7196A	5.0				

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/L)	mass (kg)	concentration (ug/L)	mass (kg)
43. Copper		✓	1	grab	200.7 (ug/L)	3.5	230	0.0088	230	0.0044
44. Lead		✓	1	grab	200.7	5.0	11	0.0042	11	0.0022
45. Mercury	✓		1	grab	245.1	0.2				
46. Nickel		✓	1	grab	200.7	3.18	3.5	0.0013	3.5	0.0007
47. Selenium		✓	1	grab	200.7	10	4.6	0.0018	4.6	0.0009
48. Silver	✓		1	grab	200.7	2.6				
49. Zinc		✓	1	grab	200.7	4.1	18	0.0069	18	0.0036
50. Iron		✓	1	grab	200.7	46	530	0.20	530	0.11
Other (describe):										

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

<i>Step 1:</i> 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 <u>✓</u> N <u> </u>	If yes, which metals? Antimony, Cadmium, Copper, Lead
<i>Step 2:</i> 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: <u>Antimony, Cadmium, Copper, Lead</u> DF: <u>12,000</u>	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 <u> </u> N <u>✓</u> 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: The Building 51 remediation system has been operating since 1990. It extracts and treats groundwater downgradient from the Building 70/71 source area. A process flow diagram for this system is provided as Figure 2. Groundwater is pumped from two extraction wells (EW-2 and EW-3) and is treated using a packed tower air stripper prior to discharge to the storm drain system. The storm drain system discharges to the Merrimack River (loc. on Fig. 1) . This discharge is currently covered by NPDES permit MA0001261. The vapor exhaust from the air stripper is treated using vapor phase granular activated carbon adsorption prior to discharge to the atmosphere.						
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 <u>36.99</u> Maximum flow rate of treatment system <u>70</u> Design flow rate of treatment system <u>250</u>						
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 <u>✓</u>	River/brook <u>✓</u>	Wetlands _____	Other (describe):
b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters: Treated ground water is discharged into the Merrimack River via a storm drain located at 42d44'00"N and 71d07'16"W.						

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 <u> B </u>,
e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water <u> 930 </u> 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 <u> </u> No <u> ✓ </u> If yes, for which pollutant(s)? Is there a TMDL? Yes <u> </u> No <u> ✓ </u> 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 <u> ✓ </u> No <u> </u> Has any consultation with the federal services been completed? Yes <u> ✓ </u> No <u> </u> or is consultation underway? Yes <u> </u> No <u> ✓ </u> 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? <u> ✓ </u> or written concurrence <u> </u> 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 <u> </u> No <u> ✓ </u> Have any state or tribal historic preservation officer been consulted in this determination (Massachusetts only)? Yes <u> </u> No <u> ✓ </u>

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.

1. The discharge covered by this NOI is currently permitted under NPDES Permit No. MA001261, State No. 352.
2. The existing NPDES permit covers two remediation systems: the Building 51 remediation system (which is the subject of this NOI and is Outfall Serial Number 001E in the NPDES Permit) and the Building 70/71 remediation system (Outfall Serial No. 002C). A separate NOI is concurrently being submitted for the Building 70/71 system because the influent water quality is different and because the outfall is at a separate location.
3. The location of the discharge is shown on Figure 1.
4. The discharge (Building 51 remediation system) has been in operation since 1990. A process flow diagram for the Building 51 treatment system is provided as Figure 2.
5. Additional influent and effluent VOC data for the Building 51 treatment system, for the period 2003 to 2006, are provided in Attachment I.
6. A letter from the National Marine Fisheries Service dated June 5, 2006 is provided in Attachment II. This letter states that it is unlikely that endangered species will be affected by this discharge.
7. The dilution factor calculation for Step 2 in Part 3.c of the NOI is provided in Attachment III.
8. We have reviewed the National Register of Historic Places and determined that there are no properties listed or eligible for listing on the National Register of Historic Places located on at the facility or in the proximity of the discharge.
9. The analytical laboratory data reports are provided in Attachment IV.

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: Building 51 Remediation System, Merrimack Valley Works / 1600 Osgood Street, LLC

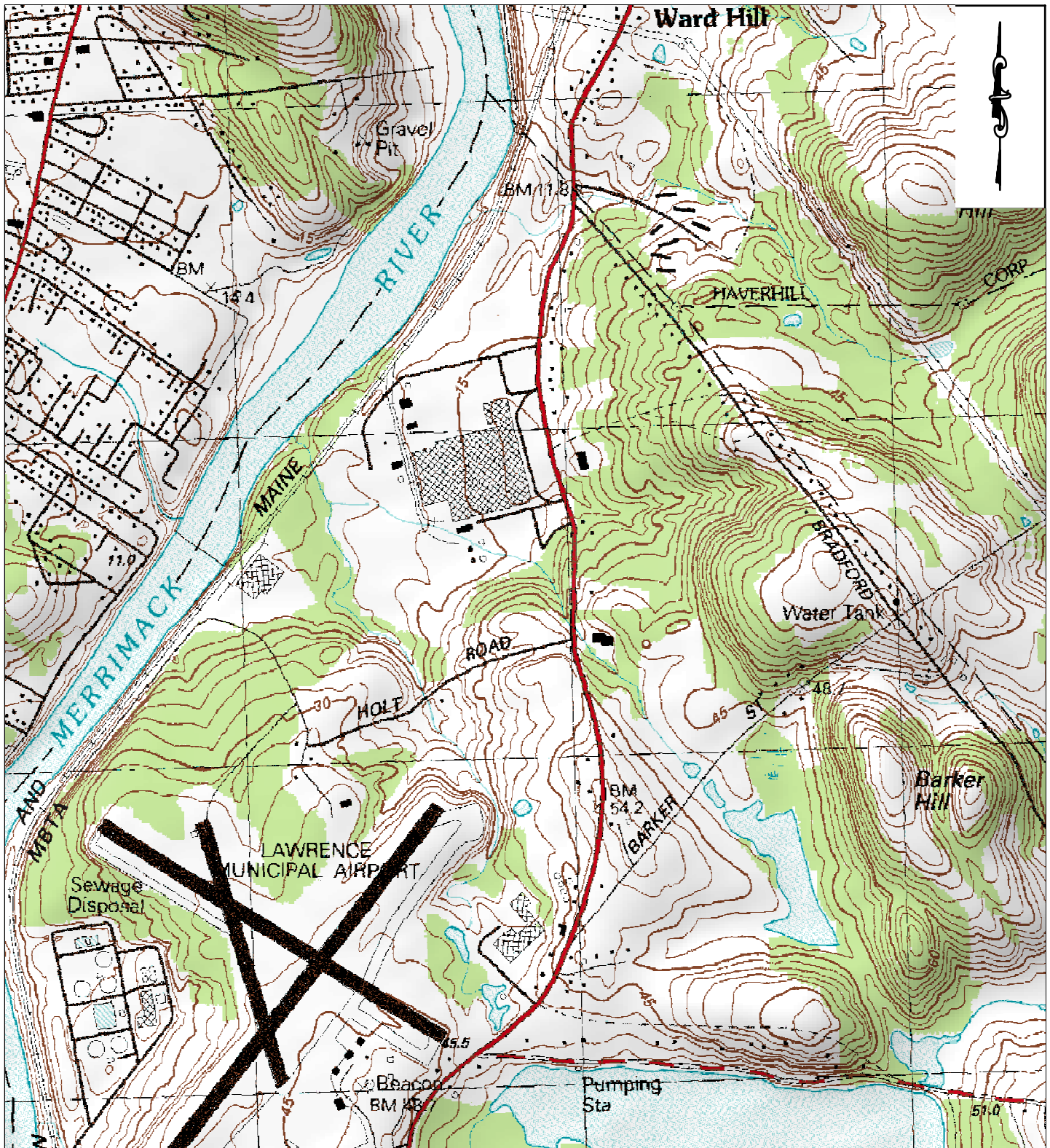
Operator signature: 

Title: Project Manager, Weston Solutions, Inc.

Date: 30 June 2006

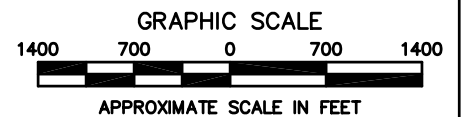
FIGURES

- Figure 1 Location Map (8.5 x 11")
- Figure 2 Process Flow Diagram (11 x 17")



SOURCE:
MAP FROM DELORME XMAP 4.0
SOFTWARE — MASSACHUSETTS,
CONNECTICUT, & RHODE ISLAND
TOPOQUAD CD

NOTE:
THERE IS A SANITARY SEWER
CONNECTION POINT WITHIN 200 FT OF
THE BUILDING 51 TREATMENT SYSTEM.



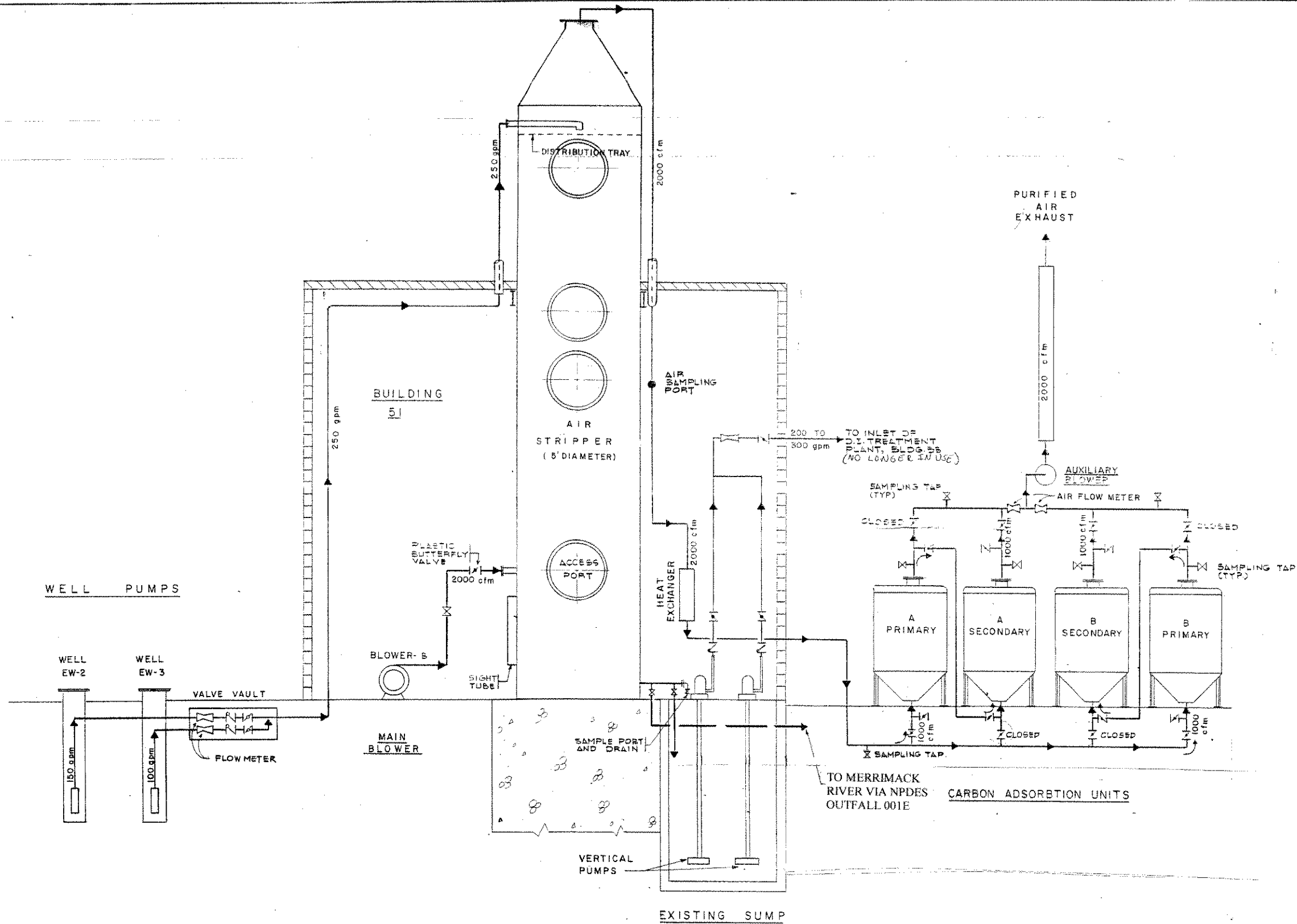
LOCUS MAP OUTFALL FOR BUILDING 51 REMEDATION SYSTEM

MERRIMACK VALLEY WORKS
1600 OSGOOD STREET
NORTH ANDOVER, MA.



MANCHESTER			NEW HAMPSHIRE		
DRAWN	BEG	DATE JUN 2006	DES. ENG.	DATE	W.O. NO. 11621.039.001
CHECKED		DATE	APPROVED	DATE	FIGURE NO. 1

PROJECT MANAGER	APPROVED BY	DATE
PROJECT ENGINEER	APPROVED BY	DATE
PLUMBING	APPROVED BY	DATE
HVAC	APPROVED BY	DATE
INSTRUMENTATION	APPROVED BY	DATE
ELECTRICAL	APPROVED BY	DATE
STRUCTURAL	APPROVED BY	DATE
ARCHITECTURAL	APPROVED BY	DATE



AT & T MERRIMACK VALLEY WORKS NORTH ANDOVER, MASSACHUSETTS		
GROUNDWATER TREATMENT FACILITY		
SCHEMATIC DIAGRAM		
Designed by: <u>A.C.</u>	Date: <u>NOVEMBER 1989</u>	CAMP DRESSER & McKEE INC.
Drawn by: <u>S.P.M.</u>	Checked by: <u>D.M.</u>	One Center Plaza Boston, Massachusetts 02108
Approved by: <u>D.M.</u>	Scale: <u>N.T.S.</u>	CDM environmental engineers, scientists, planners, & management consultants
SHEET NO.		2
PPV-26245		

ATTACHMENT I

**SUMMARY OF TREATMENT SYSTEM VOC DATA
2003 - 2006**

Summary of Analytical Data for VOCs in Influent and Effluent
Building 51 Remediation System
Merrimack Valley Works/1600 Osgood Street, North Andover, MA

Analyte	Influent				Effluent			
	Maximum Concentration (µg/L)	Avg. Conc. without Non-Detects (µg/L)	No. of Detections	Number of Samples	Maximum Concentration (µg/L)	Avg. Conc. without Non-Detects (µg/L)	No. of Detections	Number of Samples
1,1,1-Trichloroethane	16	8.1	24	26	1 U	No Detections	0	25
1,1-Dichloroethane	86	32	24	26	1.3	0.79	4	25
1,1-Dichloroethene	78	35	24	26	1 U	No Detections	0	25
1,2,4-Trimethylbenzene	4.7	4.7	1	26	1 U	No Detections	0	25
cis-1,2-Dichloroethene	500	154	26	26	22	6.4	14	25
Ethylbenzene (VOC)	3.0	3.0	1	26	1 U	No Detections	0	25
m,p-Xylenes (VOC)	7.4	7.4	1	26	1 U	No Detections	0	25
Methyl tert-butyl ether (VOC)	10 U	No Detections	0	26	0.58 J	0.58	1	25
Tetrachloroethene	4.4	3.3	9	26	1 U	No Detections	0	25
Toluene (VOC)	24	24	1	26	1 U	No Detections	0	25
trans-1,2-Dichloroethene	5.3 J	2.0	4	26	1 U	No Detections	0	25
Trichloroethene	1000	322	26	26	2.9	1.2	4	25
Vinyl Chloride	8.4 J	5.2	9	26	2 U	No Detections	0	25
TOTAL		601				9		

Notes: U = Analyte not detected. Sample reporting limit is shown.

J = Estimated value below sample reporting limit.

ATTACHMENT II

**LETTER FROM NATIONAL MARINE FISHERIES SERVICE
STATING NO IMPACT TO ENDANGERED SPECIES**



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
NORTHEAST REGION
One Blackburn Drive
Gloucester, MA 01930-2298

JUN - 5 2006

Erik Hall
Weston Solutions, Inc.
1 Wall Street
Manchester, New Hampshire 03101

Re: NPDES Remedial General Permit coverage for former Lucent Technologies site

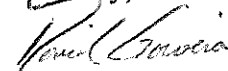
Dear Mr. Hall,

This responds to your e-mail dated May 22, 2006 requesting information on the presence of any federally threatened or endangered species in the vicinity of the former Lucent Technology site in North Andover, Massachusetts. The facility is seeking coverage under the US Environmental Protection Agency's National Pollutant Discharge Elimination System (NPDES) Remediation General Permit for the discharge of treated effluent to the Merrimack River. To be eligible for permit coverage, the applicant must certify that discharges will not have an adverse affect on any listed species.

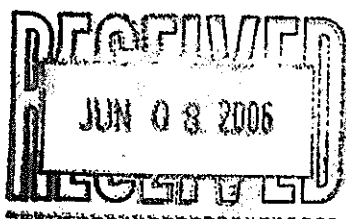
There is a small population of the federally endangered shortnose sturgeon (*Acipenser brevirostrum*) in the Merrimack River. The total adult population is estimated to be 33 fish. This species ranges from the base of the Essex Dam to the mouth of the River, with the largest concentrations of fish occurring near Merrimac and Amesbury.

While shortnose sturgeon may be present in the vicinity of the facility's outfalls, the discharge consists only of treated effluent from a groundwater remediation system and is limited to approximately 0.056 million gallons per day (MGD). No pollutants are expected to be present in the discharge and the discharge will not cause a violation of water quality standards in the Merrimack River. Based on the available information, no effects to shortnose sturgeon are likely to result from the discharge. As such, no further coordination with the Protected Resources Division of NOAA's National Marine Fisheries Service (NMFS) is necessary. Should project plans change, a new species be listed, or should new information become available that changes the basis for this determination, further coordination with NMFS should be pursued. If you have any questions regarding this correspondence, please contact Julie Crocker of my staff at (978)281-9328 x6530.

Sincerely,


for Mary A. Colligan

Assistant Regional Administrator
for Protected Resources



ATTACHMENT III

DILUTION FACTOR CALCULATION

**Remediation General Permit
Dilution Factor Calculations**

Merrimack Valley Works/1600 Osgood Street
North Andover, MA

$$DF = (Q_d + Q_s) / Q_d$$

where:

Df= Dilution Factor

Qd= Maximum flow of the discharge in cfs

Qs= Receiving water 7Q10 flow (cfs) where 7Q10 is the minimum flow (cfs) for 7 consecutive days with a recurrence interval of 10 years

Building 51 Treatment System

$$DF = (Q_d + Q_s) / Q_d$$

Qd= 35 gpm

0.078 cfs

Qs= 930 cfs

DF = 11916

DF = 12,000

ATTACHMENT IV

ANAYTICAL LABORATORY REPORTS

The following samples are applicable to this NOI:

<u>Identifier</u>	<u>Sample Location</u>
AS-001E-INF-041106	Influent to Building 51 Remediation System
AS-001E-EFF-041106	Effluent from Building 51 Remediation System

The other samples included in the attached laboratory report (AS-002C-EFF-041106 and AS-002C-INF-041106) are for a separate treatment system (Building 51 Treatment System) with a separate discharge that is the subject of a separate NOI.

ANALYTICAL REPORT

Job Number: 360-2671-1

SDG Number: 11621.039.001.2

Job Description: Merrimack Valley Works

For:
Weston Solutions, Inc.
One Wall Street
Manchester, NH 03101-1501

Attention: Erik Hall



Jamie Wickham
Technology Manager
jwickham@stl-inc.com
07/18/2006
Revision: 2

Project Manager: Beata Fleury

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

Case Narrative for job: 360-J2671-1

Date: 07/18/2006

Revision 2:

For this revision, t-butyl alcohol (TBA) was added to the SW846 8260B analysis.

The Oil and Grease analyses were performed at STL-Chicago, 2417 Bond Street, University Park, IL 60466.

METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 360-2671-1

Sdg Number: 11621.039.001.2

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-WES	SW846 8260B	
Purge-and-Trap	STL-WES		SW846 5030B
Semivolatile Organic Compounds by GCMS - Low Levels	STL-WES	SW846 8270C	
Separatory Funnel Liquid-Liquid Extraction	STL-WES		SW846 3510C
Organochlorine Pesticides/PCBs in Water	STL-WES	40CFR136A 608	
Organochlorine Pesticides/PCBs in Water	STL-WES		40CFR136A 608
EDB, DBCP, and 123TCP by Microextraction and Gas Chromatography	STL-WES	SW846 8011	
EDB, DBCP, and 123TCP in Water by	STL-WES		SW846 8011
ICP Metals by 200.7 CWA	STL-WES	40CFR136A 200.7 Appx C	
Total Metals Digestion for 200.7	STL-WES		40CFR136A 200.7 Appx C
Mercury in Water by CVAA	STL-WES	EPA 245.1	
Digestion for CVAA Mercury in Waters	STL-WES		EPA 245.1
Residue, Non-Filterable (Gravimetric, Dried at 103-105C)	STL-WES	MCAWW 160.2	
HEM and SGT-HEM by Extraction and Gravimetry	STL-CHI	40CFR136A 1664A	
HEM and SGT-HEM by Extraction and	STL-CHI		EPA-01 1664A
Lachat - Total Cyanide	STL-WES	MCAWW 10-204-00-1-A	
Distillation/Cyanide	STL-WES		Distillation
Phenolics (Total Recoverable, Colorimetric, Automated 4-AAP with Distillation)	STL-WES	MCAWW 420.2	
Distillation/Phenolics	STL-WES		Distill/Phenol
Chlorine Residual (DPD)	STL-WES	SM18 4500 CL F	
Chromium, Hexavalent (Colorimetric)	STL-WES	SW846 7196A	

LAB REFERENCES:

STL-WES = STL-Westfield

STL-CHI = STL-Chicago

METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

METHOD REFERENCES:

40CFR136A - "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA - US Environmental Protection Agency

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM18 - "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

METHOD / ANALYST SUMMARY

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method	Analyst	Analyst ID
SW846 8260B	Popadic, Craig M	CMP
SW846 8270C	Weigel, Brian	BW
40CFR136A 608	Smith, Jeremy C	JCS
SW846 8011	Tester, Carla	CT
40CFR136A 200.7 Appx C	Balicki, Charles	CB
40CFR136A 200.7 Appx C	Nasiatka, Ellen M	EMN
EPA 245.1	Nasiatka, Ellen M	EMN
MCAWW 10-204-00-1-A	Mathisen, Kim	KM
MCAWW 160.2	Boles, Amber R	ARB
40CFR136A 1664A	Pierce, Nessa R	NRP
MCAWW 420.2	Mathisen, Kim	KM
SM18 4500 CL F	Sullivan, Pat	PS
SW846 7196A	Mathisen, Kim	KM

SAMPLE SUMMARY

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-2671-1	AS-002C-EFF-041106	Water	04/11/2006 0901	04/11/2006 1925
360-2671-2	AS-002C-INF-041106	Water	04/11/2006 0738	04/11/2006 1925
360-2671-3	AS-001E-EFF-041106	Water	04/11/2006 0922	04/11/2006 1925
360-2671-4	AS-001E-INF-041106	Water	04/11/2006 0930	04/11/2006 1925
360-2671-5TB	TB-041106	Water	04/11/2006 0700	04/11/2006 1925

SAMPLE RESULTS

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-002C-EFF-041106

Lab Sample ID: 360-2671-1
Client Matrix: Water

Date Sampled: 04/11/2006 0901
Date Received: 04/11/2006 1925

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	360-5229	Instrument ID:	Agilent 5890+/5973 GC/MS
Preparation:	5030B			Lab File ID:	V04866.D
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	04/17/2006 1712			Final Weight/Volume:	25 mL
Date Prepared:	04/17/2006 1712				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,1,2-Trichloroethane	ND		0.069	1.0
1,1-Dichloroethane	ND		0.18	1.0
1,1-Dichloroethene	ND		0.20	1.0
1,1-Dichloropropene	ND		0.22	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dichloroethane	ND		0.083	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
1,3-Dichlorobenzene	ND		0.12	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
1,4-Dioxane	ND		6.7	50
2,2-Dichloropropane	ND		0.25	1.0
2-Chlorotoluene	ND		0.16	1.0
2-Hexanone	ND		2.1	10
4-Chlorotoluene	ND		0.16	1.0
Acetone	150	*	3.8	50
Benzene	ND		0.14	1.0
Bromobenzene	ND		0.079	1.0
Bromoform	ND		0.13	1.0
Bromomethane	ND		1.0	2.0
Carbon disulfide	ND	*	0.18	10
Carbon tetrachloride	ND		0.24	1.0
Chlorobenzene	ND		0.15	1.0
Chlorobromomethane	ND		0.12	1.0
Chlorodibromomethane	ND		0.087	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
Chloroethane	ND		0.22	2.0
Chloroform	ND		0.15	1.0
Chloromethane	ND		0.50	2.0
cis-1,2-Dichloroethene	ND		0.39	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
Dichlorodifluoromethane	ND	*	0.16	1.0
Ethylbenzene	ND		0.18	1.0
Ethylene Dibromide	ND		0.092	1.0
Hexachlorobutadiene	ND		0.35	1.0

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-002C-EFF-041106

Lab Sample ID: 360-2671-1
Client Matrix: Water

Date Sampled: 04/11/2006 0901
Date Received: 04/11/2006 1925

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	360-5229	Instrument ID:	Agilent 5890+/5973 GC/MS
Preparation:	5030B			Lab File ID:	V04866.D
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	04/17/2006 1712			Final Weight/Volume:	25 mL
Date Prepared:	04/17/2006 1712				

Analyte	Result (ug/L)	Qualifier	MDL	RL
m-Xylene & p-Xylene	ND		0.38	2.0
Methyl Ethyl Ketone	ND		1.9	10
methyl isobutyl ketone	ND		1.0	10
Butyl alcohol, tert-	120		5.0	50
Methyl tert-butyl ether	ND		0.30	1.0
Methylene Chloride	ND		0.50	2.0
Naphthalene	ND		0.19	5.0
n-Butylbenzene	ND		0.16	1.0
N-Propylbenzene	ND		0.20	1.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
sec-Butylbenzene	ND		0.18	1.0
Tert-amyl methyl ether	ND		0.50	5.0
Tert-butyl ethyl ether	ND		0.50	5.0
Tetrachloroethene	ND		0.14	1.0
Toluene	ND		0.50	1.0
trans-1,2-Dichloroethene	ND		0.21	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
Trichloroethene	1.6		0.19	1.0
Tetrahydrofuran	ND		2.0	10
Vinyl chloride	ND	*	0.22	1.0
1,2-Dichloropropane	ND		0.17	1.0
1,3-Dichloropropane	ND		0.072	1.0
Isopropylbenzene	ND		0.50	1.0
tert-Butylbenzene	ND		0.20	1.0
Isopropyl ether	ND		0.31	10
Trichlorofluoromethane	ND	*	0.26	1.0
4-Isopropyltoluene	ND		0.19	1.0
Ethyl ether	ND		10	10
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4	84		70 - 130	
4-Bromofluorobenzene	99		70 - 130	
Dibromofluoromethane	87		70 - 130	
Toluene-d8	101		70 - 130	

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-002C-INF-041106

Lab Sample ID: 360-2671-2
Client Matrix: Water

Date Sampled: 04/11/2006 0738
Date Received: 04/11/2006 1925

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	360-5229	Instrument ID:	Agilent 5890+/5973 GC/MS
Preparation:	5030B			Lab File ID:	V04867.D
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	04/17/2006 1736			Final Weight/Volume:	25 mL
Date Prepared:	04/17/2006 1736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
1,1,1-Trichloroethane	1.4		0.26	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,1,2-Trichloroethane	ND		0.069	1.0
1,1-Dichloroethane	ND		0.18	1.0
1,1-Dichloroethene	ND		0.20	1.0
1,1-Dichloropropene	ND		0.22	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dichloroethane	ND		0.083	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
1,3-Dichlorobenzene	ND		0.12	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
1,4-Dioxane	ND		6.7	50
2,2-Dichloropropane	ND		0.25	1.0
2-Chlorotoluene	ND		0.16	1.0
2-Hexanone	ND		2.1	10
4-Chlorotoluene	ND		0.16	1.0
Acetone	ND	*	3.8	50
Benzene	ND		0.14	1.0
Bromobenzene	ND		0.079	1.0
Bromoform	ND		0.13	1.0
Bromomethane	ND		1.0	2.0
Carbon disulfide	ND	*	0.18	10
Carbon tetrachloride	ND		0.24	1.0
Chlorobenzene	ND		0.15	1.0
Chlorobromomethane	ND		0.12	1.0
Chlorodibromomethane	ND		0.087	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
Chloroethane	ND		0.22	2.0
Chloroform	ND		0.15	1.0
Chloromethane	ND		0.50	2.0
cis-1,2-Dichloroethene	2.9		0.39	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
Dichlorodifluoromethane	ND	*	0.16	1.0
Ethylbenzene	ND		0.18	1.0
Ethylene Dibromide	ND		0.092	1.0
Hexachlorobutadiene	ND		0.35	1.0

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-002C-INF-041106

Lab Sample ID: 360-2671-2
Client Matrix: Water

Date Sampled: 04/11/2006 0738
Date Received: 04/11/2006 1925

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	360-5229	Instrument ID:	Agilent 5890+/5973 GC/MS
Preparation:	5030B			Lab File ID:	V04867.D
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	04/17/2006 1736			Final Weight/Volume:	25 mL
Date Prepared:	04/17/2006 1736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
m-Xylene & p-Xylene	ND		0.38	2.0
Methyl Ethyl Ketone	ND		1.9	10
methyl isobutyl ketone	ND		1.0	10
Butyl alcohol, tert-	ND		5.0	50
Methyl tert-butyl ether	ND		0.30	1.0
Methylene Chloride	ND		0.50	2.0
Naphthalene	ND		0.19	5.0
n-Butylbenzene	ND		0.16	1.0
N-Propylbenzene	ND		0.20	1.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
sec-Butylbenzene	ND		0.18	1.0
Tert-amyl methyl ether	ND		0.50	5.0
Tert-butyl ethyl ether	ND		0.50	5.0
Tetrachloroethene	ND		0.14	1.0
Toluene	1.3		0.50	1.0
trans-1,2-Dichloroethene	ND		0.21	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
Trichloroethene	77		0.19	1.0
Tetrahydrofuran	ND		2.0	10
Vinyl chloride	ND	*	0.22	1.0
1,2-Dichloropropane	ND		0.17	1.0
1,3-Dichloropropane	ND		0.072	1.0
Isopropylbenzene	ND		0.50	1.0
tert-Butylbenzene	ND		0.20	1.0
Isopropyl ether	ND		0.31	10
Trichlorofluoromethane	ND	*	0.26	1.0
4-Isopropyltoluene	ND		0.19	1.0
Ethyl ether	ND		10	10
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4	85		70 - 130	
4-Bromofluorobenzene	99		70 - 130	
Dibromofluoromethane	90		70 - 130	
Toluene-d8	101		70 - 130	

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-001E-EFF-041106

Lab Sample ID: 360-2671-3
Client Matrix: Water

Date Sampled: 04/11/2006 0922
Date Received: 04/11/2006 1925

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	360-5229	Instrument ID:	Agilent 5890+/5973 GC/MS
Preparation:	5030B			Lab File ID:	V04868.D
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	04/17/2006 1801			Final Weight/Volume:	25 mL
Date Prepared:	04/17/2006 1801				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,1,2-Trichloroethane	ND		0.069	1.0
1,1-Dichloroethane	ND		0.18	1.0
1,1-Dichloroethene	ND		0.20	1.0
1,1-Dichloropropene	ND		0.22	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dichloroethane	ND		0.083	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
1,3-Dichlorobenzene	ND		0.12	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
1,4-Dioxane	ND		6.7	50
2,2-Dichloropropane	ND		0.25	1.0
2-Chlorotoluene	ND		0.16	1.0
2-Hexanone	ND		2.1	10
4-Chlorotoluene	ND		0.16	1.0
Acetone	ND	*	3.8	50
Benzene	ND		0.14	1.0
Bromobenzene	ND		0.079	1.0
Bromoform	ND		0.13	1.0
Bromomethane	ND		1.0	2.0
Carbon disulfide	ND	*	0.18	10
Carbon tetrachloride	ND		0.24	1.0
Chlorobenzene	ND		0.15	1.0
Chlorobromomethane	ND		0.12	1.0
Chlorodibromomethane	ND		0.087	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
Chloroethane	ND		0.22	2.0
Chloroform	ND		0.15	1.0
Chloromethane	ND		0.50	2.0
cis-1,2-Dichloroethene	ND		0.39	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
Dichlorodifluoromethane	ND	*	0.16	1.0
Ethylbenzene	ND		0.18	1.0
Ethylene Dibromide	ND		0.092	1.0
Hexachlorobutadiene	ND		0.35	1.0

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-001E-EFF-041106

Lab Sample ID: 360-2671-3
Client Matrix: Water

Date Sampled: 04/11/2006 0922
Date Received: 04/11/2006 1925

8260B Volatile Organic Compounds by GC/MS

Method: 8260B	Analysis Batch: 360-5229	Instrument ID: Agilent 5890+/5973 GC/MS
Preparation: 5030B		Lab File ID: V04868.D
Dilution: 1.0		Initial Weight/Volume: 25 mL
Date Analyzed: 04/17/2006 1801		Final Weight/Volume: 25 mL
Date Prepared: 04/17/2006 1801		

Analyte	Result (ug/L)	Qualifier	MDL	RL
m-Xylene & p-Xylene	ND		0.38	2.0
Methyl Ethyl Ketone	ND		1.9	10
methyl isobutyl ketone	ND		1.0	10
Butyl alcohol, tert-	ND		5.0	50
Methyl tert-butyl ether	ND		0.30	1.0
Methylene Chloride	ND		0.50	2.0
Naphthalene	ND		0.19	5.0
n-Butylbenzene	ND		0.16	1.0
N-Propylbenzene	ND		0.20	1.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
sec-Butylbenzene	ND		0.18	1.0
Tert-amyl methyl ether	ND		0.50	5.0
Tert-butyl ethyl ether	ND		0.50	5.0
Tetrachloroethene	ND		0.14	1.0
Toluene	ND		0.50	1.0
trans-1,2-Dichloroethene	ND		0.21	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
Trichloroethene	ND		0.19	1.0
Tetrahydrofuran	ND		2.0	10
Vinyl chloride	ND	*	0.22	1.0
1,2-Dichloropropane	ND		0.17	1.0
1,3-Dichloropropane	ND		0.072	1.0
Isopropylbenzene	ND		0.50	1.0
tert-Butylbenzene	ND		0.20	1.0
Isopropyl ether	ND		0.31	10
Trichlorofluoromethane	ND	*	0.26	1.0
4-Isopropyltoluene	ND		0.19	1.0
Ethyl ether	ND		10	10
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4	82		70 - 130	
4-Bromofluorobenzene	99		70 - 130	
Dibromofluoromethane	91		70 - 130	
Toluene-d8	101		70 - 130	

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-001E-INF-041106

Lab Sample ID: 360-2671-4
Client Matrix: Water

Date Sampled: 04/11/2006 0930
Date Received: 04/11/2006 1925

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	360-5204	Instrument ID:	Agilent 5890+/5973 GC/MS
Preparation:	5030B			Lab File ID:	V04798.D
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	04/14/2006 0235			Final Weight/Volume:	25 mL
Date Prepared:	04/14/2006 0235				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,1,2-Trichloroethane	ND		0.069	1.0
1,1-Dichloroethane	0.55	J	0.18	1.0
1,1-Dichloroethene	ND		0.20	1.0
1,1-Dichloropropene	ND		0.22	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dichloroethane	ND		0.083	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
1,3-Dichlorobenzene	ND		0.12	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
1,4-Dioxane	ND		6.7	50
2,2-Dichloropropane	ND		0.25	1.0
2-Chlorotoluene	ND		0.16	1.0
2-Hexanone	ND		2.1	10
4-Chlorotoluene	ND		0.16	1.0
Acetone	ND	*	3.8	50
Benzene	ND		0.14	1.0
Bromobenzene	ND		0.079	1.0
Bromoform	ND		0.13	1.0
Bromomethane	ND		1.0	2.0
Carbon disulfide	ND		0.18	10
Carbon tetrachloride	ND		0.24	1.0
Chlorobenzene	ND		0.15	1.0
Chlorobromomethane	ND		0.12	1.0
Chlorodibromomethane	ND		0.087	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
Chloroethane	ND		0.22	2.0
Chloroform	ND		0.15	1.0
Chloromethane	ND	*	0.50	2.0
cis-1,2-Dichloroethene	0.58	J	0.39	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
Dichlorodifluoromethane	ND	*	0.16	1.0
Ethylbenzene	ND		0.18	1.0
Ethylene Dibromide	ND		0.092	1.0
Hexachlorobutadiene	ND		0.35	1.0

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-001E-INF-041106

Lab Sample ID: 360-2671-4
Client Matrix: Water

Date Sampled: 04/11/2006 0930
Date Received: 04/11/2006 1925

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	360-5204	Instrument ID:	Agilent 5890+/5973 GC/MS
Preparation:	5030B			Lab File ID:	V04798.D
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	04/14/2006 0235			Final Weight/Volume:	25 mL
Date Prepared:	04/14/2006 0235				

Analyte	Result (ug/L)	Qualifier	MDL	RL
m-Xylene & p-Xylene	ND		0.38	2.0
Methyl Ethyl Ketone	ND		1.9	10
methyl isobutyl ketone	ND		1.0	10
Butyl alcohol, tert-	ND		5.0	50
Methyl tert-butyl ether	ND		0.30	1.0
Methylene Chloride	ND		0.50	2.0
Naphthalene	ND		0.19	5.0
n-Butylbenzene	ND		0.16	1.0
N-Propylbenzene	ND		0.20	1.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
sec-Butylbenzene	ND		0.18	1.0
Tert-amyl methyl ether	ND		0.50	5.0
Tert-butyl ethyl ether	ND		0.50	5.0
Tetrachloroethene	ND		0.14	1.0
Toluene	ND		0.50	1.0
trans-1,2-Dichloroethene	ND		0.21	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
Trichloroethene	37	B	0.19	1.0
Tetrahydrofuran	ND		2.0	10
Vinyl chloride	ND		0.22	1.0
1,2-Dichloropropane	ND		0.17	1.0
1,3-Dichloropropane	ND		0.072	1.0
Isopropylbenzene	ND		0.50	1.0
tert-Butylbenzene	ND		0.20	1.0
Isopropyl ether	ND		0.31	10
Trichlorofluoromethane	ND		0.26	1.0
4-Isopropyltoluene	ND		0.19	1.0
Ethyl ether	ND		10	10
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4	93		70 - 130	
4-Bromofluorobenzene	98		70 - 130	
Dibromofluoromethane	93		70 - 130	
Toluene-d8	102		70 - 130	

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: TB-041106

Lab Sample ID: 360-2671-5TB
Client Matrix: Water

Date Sampled: 04/11/2006 0700
Date Received: 04/11/2006 1925

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	360-5204	Instrument ID:	Agilent 5890+/5973 GC/MS
Preparation:	5030B			Lab File ID:	V04799.D
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	04/14/2006 0258			Final Weight/Volume:	25 mL
Date Prepared:	04/14/2006 0258				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,1,2-Trichloroethane	ND		0.069	1.0
1,1-Dichloroethane	ND		0.18	1.0
1,1-Dichloroethene	ND		0.20	1.0
1,1-Dichloropropene	ND		0.22	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dichloroethane	ND		0.083	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
1,3-Dichlorobenzene	ND		0.12	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
1,4-Dioxane	ND		6.7	50
2,2-Dichloropropane	ND		0.25	1.0
2-Chlorotoluene	ND		0.16	1.0
2-Hexanone	ND		2.1	10
4-Chlorotoluene	ND		0.16	1.0
Acetone	ND	*	3.8	50
Benzene	ND		0.14	1.0
Bromobenzene	ND		0.079	1.0
Bromoform	ND		0.13	1.0
Bromomethane	ND		1.0	2.0
Carbon disulfide	ND		0.18	10
Carbon tetrachloride	ND		0.24	1.0
Chlorobenzene	ND		0.15	1.0
Chlorobromomethane	ND		0.12	1.0
Chlorodibromomethane	ND		0.087	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
Chloroethane	ND		0.22	2.0
Chloroform	ND		0.15	1.0
Chloromethane	ND	*	0.50	2.0
cis-1,2-Dichloroethene	ND		0.39	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
Dichlorodifluoromethane	ND	*	0.16	1.0
Ethylbenzene	ND		0.18	1.0
Ethylene Dibromide	ND		0.092	1.0
Hexachlorobutadiene	ND		0.35	1.0

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: TB-041106

Lab Sample ID: 360-2671-5TB
Client Matrix: Water

Date Sampled: 04/11/2006 0700
Date Received: 04/11/2006 1925

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 360-5204	Instrument ID:	Agilent 5890+/5973 GC/MS
Preparation:	5030B		Lab File ID:	V04799.D
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	04/14/2006 0258		Final Weight/Volume:	25 mL
Date Prepared:	04/14/2006 0258			

Analyte	Result (ug/L)	Qualifier	MDL	RL
m-Xylene & p-Xylene	ND		0.38	2.0
Methyl Ethyl Ketone	ND		1.9	10
methyl isobutyl ketone	ND		1.0	10
Butyl alcohol, tert-	ND		5.0	50
Methyl tert-butyl ether	ND		0.30	1.0
Methylene Chloride	ND		0.50	2.0
Naphthalene	ND		0.19	5.0
n-Butylbenzene	ND		0.16	1.0
N-Propylbenzene	ND		0.20	1.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
sec-Butylbenzene	ND		0.18	1.0
Tert-amyl methyl ether	ND		0.50	5.0
Tert-butyl ethyl ether	ND		0.50	5.0
Tetrachloroethene	ND		0.14	1.0
Toluene	ND		0.50	1.0
trans-1,2-Dichloroethene	ND		0.21	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
Trichloroethene	ND		0.19	1.0
Tetrahydrofuran	ND		2.0	10
Vinyl chloride	ND		0.22	1.0
1,2-Dichloropropane	ND		0.17	1.0
1,3-Dichloropropane	ND		0.072	1.0
Isopropylbenzene	ND		0.50	1.0
tert-Butylbenzene	ND		0.20	1.0
Isopropyl ether	ND		0.31	10
Trichlorofluoromethane	ND		0.26	1.0
4-Isopropyltoluene	ND		0.19	1.0
Ethyl ether	ND		10	10
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4	92		70 - 130	
4-Bromofluorobenzene	99		70 - 130	
Dibromofluoromethane	84		70 - 130	
Toluene-d8	100		70 - 130	

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-001E-INF-041106

Lab Sample ID: 360-2671-4
Client Matrix: Water

Date Sampled: 04/11/2006 0930
Date Received: 04/11/2006 1925

8270C Semivolatile Organic Compounds by GCMS - Low Levels

Method: 8270C	Analysis Batch: 360-5492	Instrument ID: Agilent 6890/5973 GC/MS
Preparation: 3510C	Prep Batch: 360-5231	Lab File ID: B4411.D
Dilution: 1.0		Initial Weight/Volume: 970 mL
Date Analyzed: 04/24/2006 2329		Final Weight/Volume: 1.0 mL
Date Prepared: 04/18/2006 1255		Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-Trichlorophenol	ND		0.46	5.2
2,4,6-Trichlorophenol	ND		0.60	5.2
2,4-Dichlorophenol	ND		0.60	5.2
2,4-Dinitrophenol	ND	*	0.52	5.2
2,4-Dimethylphenol	ND		0.53	5.2
2-Chlorophenol	ND		0.36	5.2
2-Methylphenol	ND		0.42	5.2
2-Nitrophenol	ND		0.58	5.2
3 & 4 Methylphenol	ND		0.40	5.2
4,6-Dinitro-2-methylphenol	ND		0.40	5.2
4-Chloro-3-methylphenol	ND		0.56	5.2
4-Nitrophenol	ND	*	0.31	5.2
Acenaphthene	ND		0.19	1.0
Acenaphthylene	ND		0.26	0.31
Anthracene	ND		0.22	1.0
Benzo[a]anthracene	ND		0.19	0.31
Benzo[a]pyrene	ND		0.21	0.21
Benzo[b]fluoranthene	ND		0.19	0.31
Benzo[g,h,i]perylene	ND		0.15	0.52
Benzo[k]fluoranthene	ND		0.16	0.31
Bis(2-ethylhexyl) phthalate	1.2	J	0.13	5.2
Butyl benzyl phthalate	ND		0.28	5.2
Chrysene	ND		0.19	1.0
Di-n-butyl phthalate	1.7	J	0.21	5.2
Di-n-octyl phthalate	ND		0.15	5.2
Dibenz(a,h)anthracene	ND		0.18	0.52
Diethyl phthalate	ND		0.24	5.2
Dimethyl phthalate	ND		0.24	5.2
Fluoranthene	ND		0.24	1.0
Fluorene	ND		0.24	1.0
Indeno[1,2,3-cd]pyrene	ND		0.20	0.52
Naphthalene	ND		0.22	1.0
Pentachlorophenol	ND		0.40	5.2
Phenanthrene	ND		0.21	0.21
Phenol	ND	*	0.28	5.2
Pyrene	ND		0.22	5.2

Surrogate	%Rec	Acceptance Limits
2,4,6-Tribromophenol	35	15 - 110
2-Fluorobiphenyl	71	30 - 130
2-Fluorophenol	19	15 - 110
Phenol-d5	11	15 - 110
Terphenyl-d14	65	30 - 130
Nitrobenzene-d5	61	30 - 130

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-001E-INF-041106

Lab Sample ID: 360-2671-4
Client Matrix: Water

Date Sampled: 04/11/2006 0930
Date Received: 04/11/2006 1925

8270C Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C	Analysis Batch: 360-5492	Instrument ID:	Agilent 6890/5973 GC/MS
Preparation:	3510C	Prep Batch: 360-5231	Lab File ID:	B4411.D
Dilution:	1.0		Initial Weight/Volume:	970 mL
Date Analyzed:	04/24/2006 2329		Final Weight/Volume:	1.0 mL
Date Prepared:	04/18/2006 1255		Injection Volume:	

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-001E-INF-041106

Lab Sample ID: 360-2671-4
Client Matrix: Water

Date Sampled: 04/11/2006 0930
Date Received: 04/11/2006 1925

608 Organochlorine Pesticides/PCBs in Water

Method:	608	Analysis Batch:	360-5310	Instrument ID:	5890II GC w/ dual ECDs
Preparation:	608	Prep Batch:	360-5073	Lab File ID:	P4459.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Date Analyzed:	04/13/2006 2055			Final Weight/Volume:	5.0 mL
Date Prepared:	04/13/2006 1312			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.11	1.0
PCB-1221	ND		0.13	1.0
PCB-1232	ND		0.13	1.0
PCB-1242	ND		0.13	1.0
PCB-1248	ND		0.13	1.0
PCB-1254	ND		0.13	1.0
PCB-1260	ND		0.13	1.0
Surrogate	%Rec		Acceptance Limits	
DCB Decachlorobiphenyl	53		30 - 150	
Tetrachloro-m-xylene	106		30 - 150	

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-001E-EFF-041106

Lab Sample ID: 360-2671-3
Client Matrix: Water

Date Sampled: 04/11/2006 0922
Date Received: 04/11/2006 1925

8011 EDB, DBCP, and 123TCP by Microextraction and Gas Chromatography

Method:	8011	Analysis Batch:	360-5429	Instrument ID:	5890II GC w/ dual ECDs
Preparation:	8011	Prep Batch:	360-5437	Lab File ID:	H1701.D
Dilution:	1.0			Initial Weight/Volume:	36.96 mL
Date Analyzed:	04/18/2006 2156			Final Weight/Volume:	35 mL
Date Prepared:	04/18/2006 1140			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylene Dibromide	ND		0.017	0.019

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-001E-INF-041106

Lab Sample ID: 360-2671-4
Client Matrix: Water

Date Sampled: 04/11/2006 0930
Date Received: 04/11/2006 1925

8011 EDB, DBCP, and 123TCP by Microextraction and Gas Chromatography

Method:	8011	Analysis Batch:	360-5429	Instrument ID:	5890II GC w/ dual ECDs
Preparation:	8011	Prep Batch:	360-5437	Lab File ID:	H1702.D
Dilution:	1.0			Initial Weight/Volume:	36.22 mL
Date Analyzed:	04/18/2006 2211			Final Weight/Volume:	35 mL
Date Prepared:	04/18/2006 1140			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylene Dibromide	ND		0.017	0.019

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: TB-041106

Lab Sample ID: 360-2671-5TB
Client Matrix: Water

Date Sampled: 04/11/2006 0700
Date Received: 04/11/2006 1925

8011 EDB, DBCP, and 123TCP by Microextraction and Gas Chromatography

Method:	8011	Analysis Batch:	360-5430	Instrument ID:	5890II GC w/ dual ECDs
Preparation:	8011	Prep Batch:	360-5438	Lab File ID:	H1706.D
Dilution:	1.0			Initial Weight/Volume:	36.49 mL
Date Analyzed:	04/18/2006 2314			Final Weight/Volume:	35 mL
Date Prepared:	04/18/2006 1158			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylene Dibromide	ND		0.017	0.019

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Client Sample ID: AS-001E-INF-041106

Lab Sample ID: 360-2671-4
Client Matrix: Water

Date Sampled: 04/11/2006 0930
Date Received: 04/11/2006 1925

200.7 Appx C ICP Metals by 200.7 CWA

Method:	200.7 Appx C	Analysis Batch: 360-5420	Instrument ID:	Thermo Jarrell Ash
Preparation:	200.7 Appx C	Prep Batch: 360-4976	Lab File ID:	MAR2006
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	04/22/2006 1754		Final Weight/Volume:	50 mL
Date Prepared:	04/12/2006 0751			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	ND		0.83	5.0
Arsenic	4.7	J	3.8	10
Cadmium	0.33	J	0.30	1.0
Chromium	2.2	J	0.66	5.0
Copper	230		1.1	10
Iron	530		14	100
Nickel	3.5	J	1.1	10
Lead	11		1.6	5.0
Selenium	4.6	J	4.2	10
Zinc	18	J	1.3	50

Method:	200.7 Appx C	Analysis Batch: 360-5543	Instrument ID:	Thermo Jarrell Ash
Preparation:	200.7 Appx C	Prep Batch: 360-4976	Lab File ID:	MAR2006
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	04/26/2006 1259		Final Weight/Volume:	50 mL
Date Prepared:	04/12/2006 0751			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Antimony	8.1	J	2.0	10

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 360-5096	Instrument ID:	Leeman Labs
Preparation:	245.1	Prep Batch: 360-4988	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	10 mL
Date Analyzed:	04/13/2006 1126		Final Weight/Volume:	10 mL
Date Prepared:	04/12/2006 1113			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	ND		0.13	0.20

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

General Chemistry

Client Sample ID: AS-001E-EFF-041106

Lab Sample ID: 360-2671-3

Client Matrix: Water

Date Sampled: 04/11/2006 0922

Date Received: 04/11/2006 1925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	11		mg/L	5.0	5.0	1.0	160.2
	Anly Batch: 360-5164	Date Analyzed	04/13/2006	1215			
Chlorine	ND		mg/L	0.050	0.050	1.0	4500 CL F
	Anly Batch: 360-5145	Date Analyzed	04/12/2006	1630			

Client Sample ID: AS-001E-INF-041106

Lab Sample ID: 360-2671-4

Client Matrix: Water

Date Sampled: 04/11/2006 0930

Date Received: 04/11/2006 1925

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
SGT-HEM	ND		mg/L	2.4	5.2	1.0	1664A
	Anly Batch: 500-1635	Date Analyzed	04/21/2006	0901			
	Prep Batch: 500-1633	Date Prepared:	04/20/2006	1030			
Cyanide, Total	ND		mg/L	0.0030	0.010	1.0	10-204-00-1-A
	Anly Batch: 360-5179	Date Analyzed	04/14/2006	0853			
	Prep Batch: 360-5144	Date Prepared:	04/14/2006	1216			
Phenols, Total	0.017		mg/L	0.0070	0.010	1.0	420.2
	Anly Batch: 360-5184	Date Analyzed	04/14/2006	0934			
	Prep Batch: 360-5068	Date Prepared:	04/13/2006	1253			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	7.0		mg/L	5.0	5.0	1.0	160.2
	Anly Batch: 360-5164	Date Analyzed	04/13/2006	1215			
Chlorine	ND		mg/L	0.050	0.050	1.0	4500 CL F
	Anly Batch: 360-5145	Date Analyzed	04/12/2006	1630			
Cr (VI)	ND		mg/L	0.0050	0.0050	1.0	7196A
	Anly Batch: 360-5083	Date Analyzed	04/12/2006	0825			

DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1

Sdg Number: 11621.039.001.2

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:360-5204				
LCS 360-5204/1	Lab Control Spike	Water	8260B	
LCSD 360-5204/2	Lab Control Spike Duplicate	Water	8260B	
MB 360-5204/3	Method Blank	Water	8260B	
360-2671-4	AS-001E-INF-041106	Water	8260B	
360-2671-5TB	TB-041106	Water	8260B	
Analysis Batch:360-5229				
LCS 360-5229/1	Lab Control Spike	Water	8260B	
LCSD 360-5229/2	Lab Control Spike Duplicate	Water	8260B	
MB 360-5229/3	Method Blank	Water	8260B	
360-2671-1	AS-002C-EFF-041106	Water	8260B	
360-2671-2	AS-002C-INF-041106	Water	8260B	
360-2671-3	AS-001E-EFF-041106	Water	8260B	
GC/MS Semi VOA				
Prep Batch: 360-5231				
LCS 360-5231/2-A	Lab Control Spike	Water	3510C	
LCSD 360-5231/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 360-5231/1-A	Method Blank	Water	3510C	
360-2671-4	AS-001E-INF-041106	Water	3510C	
Analysis Batch:360-5492				
LCS 360-5231/2-A	Lab Control Spike	Water	8270C	360-5231
LCSD 360-5231/3-A	Lab Control Spike Duplicate	Water	8270C	360-5231
MB 360-5231/1-A	Method Blank	Water	8270C	360-5231
360-2671-4	AS-001E-INF-041106	Water	8270C	360-5231

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1

Sdg Number: 11621.039.001.2

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC Semi VOA				
Prep Batch: 360-5073				
LCS 360-5073/2-A	Lab Control Spike	Water	608	
LCSD 360-5073/3-A	Lab Control Spike Duplicate	Water	608	
MB 360-5073/1-A	Method Blank	Water	608	
360-2671-4	AS-001E-INF-041106	Water	608	
Prep Batch: 360-5437				
LCS 360-5437/1-A	Lab Control Spike	Water	8011	
LCSD 360-5437/2-A	Lab Control Spike Duplicate	Water	8011	
MB 360-5437/3-A	Method Blank	Water	8011	
360-2671-3	AS-001E-EFF-041106	Water	8011	
360-2671-4	AS-001E-INF-041106	Water	8011	
Prep Batch: 360-5438				
LCS 360-5438/1-A	Lab Control Spike	Water	8011	
LCSD 360-5438/2-A	Lab Control Spike Duplicate	Water	8011	
MB 360-5438/3-A	Method Blank	Water	8011	
360-2671-5TB	TB-041106	Water	8011	
Analysis Batch:360-5310				
LCS 360-5073/2-A	Lab Control Spike	Water	608	360-5073
LCSD 360-5073/3-A	Lab Control Spike Duplicate	Water	608	360-5073
MB 360-5073/1-A	Method Blank	Water	608	360-5073
360-2671-4	AS-001E-INF-041106	Water	608	360-5073
Analysis Batch:360-5429				
LCS 360-5437/1-A	Lab Control Spike	Water	8011	360-5437
LCSD 360-5437/2-A	Lab Control Spike Duplicate	Water	8011	360-5437
MB 360-5437/3-A	Method Blank	Water	8011	360-5437
360-2671-3	AS-001E-EFF-041106	Water	8011	360-5437
360-2671-4	AS-001E-INF-041106	Water	8011	360-5437
Analysis Batch:360-5430				
LCS 360-5438/1-A	Lab Control Spike	Water	8011	360-5438
LCSD 360-5438/2-A	Lab Control Spike Duplicate	Water	8011	360-5438
MB 360-5438/3-A	Method Blank	Water	8011	360-5438
360-2671-5TB	TB-041106	Water	8011	360-5438

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Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1

Sdg Number: 11621.039.001.2

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
Metals				
Prep Batch: 360-4976				
LCS 360-4976/2-A	Lab Control Spike	Water	200.7 Appx C	
LCSD 360-4976/3-A	Lab Control Spike Duplicate	Water	200.7 Appx C	
MB 360-4976/1-A	Method Blank	Water	200.7 Appx C	
360-2671-4	AS-001E-INF-041106	Water	200.7 Appx C	
Prep Batch: 360-4988				
LCS 360-4988/2-A	Lab Control Spike	Water	245.1	
LCSD 360-4988/3-A	Lab Control Spike Duplicate	Water	245.1	
MB 360-4988/1-A	Method Blank	Water	245.1	
360-2671-4	AS-001E-INF-041106	Water	245.1	
Analysis Batch:360-5420				
LCS 360-4976/2-A	Lab Control Spike	Water	200.7 Appx C	360-4976
LCSD 360-4976/3-A	Lab Control Spike Duplicate	Water	200.7 Appx C	360-4976
MB 360-4976/1-A	Method Blank	Water	200.7 Appx C	360-4976
360-2671-4	AS-001E-INF-041106	Water	200.7 Appx C	360-4976
Analysis Batch:360-5497				
MB 360-4976/1-A	Method Blank	Water	200.7 Appx C	360-4976
Analysis Batch:360-5543				
LCS 360-4976/2-A	Lab Control Spike	Water	200.7 Appx C	360-4976
LCSD 360-4976/3-A	Lab Control Spike Duplicate	Water	200.7 Appx C	360-4976
MB 360-4976/1-A	Method Blank	Water	200.7 Appx C	360-4976
360-2671-4	AS-001E-INF-041106	Water	200.7 Appx C	360-4976
Analysis Batch:360-5096				
LCS 360-4988/2-A	Lab Control Spike	Water	245.1	360-4988
LCSD 360-4988/3-A	Lab Control Spike Duplicate	Water	245.1	360-4988
MB 360-4988/1-A	Method Blank	Water	245.1	360-4988
360-2671-4	AS-001E-INF-041106	Water	245.1	360-4988

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1

Sdg Number: 11621.039.001.2

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Prep Batch: 500-1633				
LCS 500-1633/2-A	Lab Control Spike	Water	1664A	
MB 500-1633/1-A	Method Blank	Water	1664A	
360-2671-4	AS-001E-INF-041106	Water	1664A	
Prep Batch: 360-5068				
LCS 360-5068/2-A	Lab Control Spike	Water	Distill/Phenol	
LCSD 360-5068/3-A	Lab Control Spike Duplicate	Water	Distill/Phenol	
MB 360-5068/1-A	Method Blank	Water	Distill/Phenol	
360-2671-4	AS-001E-INF-041106	Water	Distill/Phenol	
Analysis Batch:360-5083				
LCS 360-5083/2	Lab Control Spike	Water	7196A	
LCSD 360-5083/3	Lab Control Spike Duplicate	Water	7196A	
MB 360-5083/1	Method Blank	Water	7196A	
360-2671-4	AS-001E-INF-041106	Water	7196A	
360-2671-4MS	Matrix Spike	Water	7196A	
360-2671-4MSD	Matrix Spike Duplicate	Water	7196A	
Prep Batch: 360-5144				
LCS 360-5144/2-A	Lab Control Spike	Water	Distillation	
360-2671-4	AS-001E-INF-041106	Water	Distillation	
Analysis Batch:360-5145				
360-2671-3	AS-001E-EFF-041106	Water	4500 CL F	
360-2671-4	AS-001E-INF-041106	Water	4500 CL F	
Analysis Batch:360-5164				
LCS 360-5164/2	Lab Control Spike	Water	160.2	
MB 360-5164/1	Method Blank	Water	160.2	
360-2671-3	AS-001E-EFF-041106	Water	160.2	
360-2671-4	AS-001E-INF-041106	Water	160.2	
Analysis Batch:360-5179				
MB 360-5179/1	Method Blank	Water	10-204-00-1-A	
Analysis Batch:500-1635				
LCS 500-1633/2-A	Lab Control Spike	Water	1664A	500-1633
MB 500-1633/1-A	Method Blank	Water	1664A	500-1633
360-2671-4	AS-001E-INF-041106	Water	1664A	500-1633
Analysis Batch:360-5184				
LCS 360-5068/2-A	Lab Control Spike	Water	420.2	360-5068
LCSD 360-5068/3-A	Lab Control Spike Duplicate	Water	420.2	360-5068
MB 360-5068/1-A	Method Blank	Water	420.2	360-5068
360-2671-4	AS-001E-INF-041106	Water	420.2	360-5068

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Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:360-5179				
LCS 360-5144/2-A	Lab Control Spike	Water	10-204-00-1-A	360-5144
360-2671-4	AS-001E-INF-041106	Water	10-204-00-1-A	360-5144

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5204

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 360-5204/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/14/2006 0039
Date Prepared: 04/14/2006 0039

Analysis Batch: 360-5204
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04793.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,1,2-Trichloroethane	ND		0.069	1.0
1,1-Dichloroethane	ND		0.18	1.0
1,1-Dichloroethene	ND		0.20	1.0
1,1-Dichloropropene	ND		0.22	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dichloroethane	ND		0.083	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
1,3-Dichlorobenzene	ND		0.12	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
1,4-Dioxane	ND		6.7	50
2,2-Dichloropropane	ND		0.25	1.0
2-Chlorotoluene	ND		0.16	1.0
2-Hexanone	ND		2.1	10
4-Chlorotoluene	ND		0.16	1.0
Acetone	ND		3.8	50
Benzene	ND		0.14	1.0
Bromobenzene	ND		0.079	1.0
Bromoform	ND		0.13	1.0
Bromomethane	ND		1.0	2.0
Carbon disulfide	ND		0.18	10
Carbon tetrachloride	ND		0.24	1.0
Chlorobenzene	ND		0.15	1.0
Chlorobromomethane	ND		0.12	1.0
Chlorodibromomethane	ND		0.087	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
Chloroethane	ND		0.22	2.0
Chloroform	ND		0.15	1.0
Chloromethane	ND		0.50	2.0
cis-1,2-Dichloroethene	ND		0.39	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
Dichlorodifluoromethane	ND		0.16	1.0
Ethylbenzene	ND		0.18	1.0

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5204

Method: 8260B Preparation: 5030B

Lab Sample ID: MB 360-5204/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/14/2006 0039
Date Prepared: 04/14/2006 0039

Analysis Batch: 360-5204
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04793.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
Ethylene Dibromide	ND		0.092	1.0
Hexachlorobutadiene	ND		0.35	1.0
m-Xylene & p-Xylene	ND		0.38	2.0
Methyl Ethyl Ketone	ND		1.9	10
methyl isobutyl ketone	ND		1.0	10
Butyl alcohol, tert-	ND		5.0	50
Methyl tert-butyl ether	ND		0.30	1.0
Methylene Chloride	ND		0.50	2.0
Naphthalene	ND		0.19	5.0
n-Butylbenzene	ND		0.16	1.0
N-Propylbenzene	ND		0.20	1.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
sec-Butylbenzene	ND		0.18	1.0
Tert-amyl methyl ether	ND		0.50	5.0
Tert-butyl ethyl ether	ND		0.50	5.0
Tetrachloroethene	ND		0.14	1.0
Toluene	ND		0.50	1.0
trans-1,2-Dichloroethene	ND		0.21	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
Trichloroethene	2.1		0.19	1.0
Tetrahydrofuran	ND		2.0	10
Vinyl chloride	ND		0.22	1.0
1,2-Dichloropropane	ND		0.17	1.0
1,3-Dichloropropane	ND		0.072	1.0
Isopropylbenzene	ND		0.50	1.0
tert-Butylbenzene	ND		0.20	1.0
Isopropyl ether	ND		0.31	10
Trichlorofluoromethane	ND		0.26	1.0
4-Isopropyltoluene	ND		0.19	1.0
Ethyl ether	ND		10	10
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4	92	70 - 130		
4-Bromofluorobenzene	98	70 - 130		
Dibromofluoromethane	94	70 - 130		
Toluene-d8	102	70 - 130		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5204

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 360-5204/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 2329
Date Prepared: 04/13/2006 2329

Analysis Batch: 360-5204
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04790.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5204/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 2353
Date Prepared: 04/13/2006 2353

Analysis Batch: 360-5204
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04791.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1,1,2-Tetrachloroethane	95	94	70 - 130	1	25		
1,1,1-Trichloroethane	91	91	70 - 130	0	25		
1,1,2,2-Tetrachloroethane	95	95	70 - 130	1	25		
1,1,2-Trichloroethane	97	96	70 - 130	1	25		
1,1-Dichloroethane	89	91	70 - 130	2	25		
1,1-Dichloroethene	90	86	70 - 130	5	25		
1,1-Dichloropropene	92	93	70 - 130	1	25		
1,2,3-Trichloropropane	93	92	70 - 130	1	25		
1,2,3-Trichlorobenzene	92	90	70 - 130	2	25		
1,2,4-Trichlorobenzene	93	91	70 - 130	2	25		
1,2,4-Trimethylbenzene	95	94	70 - 130	0	25		
1,2-Dichlorobenzene	92	92	70 - 130	0	25		
1,2-Dichloroethane	89	89	70 - 130	0	25		
1,3,5-Trimethylbenzene	95	94	70 - 130	1	25		
1,3-Dichlorobenzene	93	93	70 - 130	1	25		
1,4-Dichlorobenzene	91	92	70 - 130	1	25		
1,4-Dioxane	109	95	70 - 130	14	25		
2,2-Dichloropropane	79	80	70 - 130	1	25		
2-Chlorotoluene	95	94	70 - 130	1	25		
2-Hexanone	83	83	70 - 130	0	25		
4-Chlorotoluene	90	90	70 - 130	0	25		
Acetone	65	64	70 - 130	2	25	*	*
Benzene	95	94	70 - 130	0	25		
Bromobenzene	91	92	70 - 130	1	25		
Bromoform	97	96	70 - 130	0	25		
Bromomethane	113	110	70 - 130	3	25		
Carbon disulfide	79	77	70 - 130	3	25		
Carbon tetrachloride	81	92	70 - 130	12	25		
Chlorobenzene	94	95	70 - 130	1	25		
Chlorobromomethane	89	94	70 - 130	5	25		
Chlorodibromomethane	97	96	70 - 130	0	25		
1,2-Dibromo-3-Chloropropane	92	88	70 - 130	5	25		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5204

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 360-5204/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 2329
Date Prepared: 04/13/2006 2329

Analysis Batch: 360-5204
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04790.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5204/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 2353
Date Prepared: 04/13/2006 2353

Analysis Batch: 360-5204
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04791.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloroethane	107	101	70 - 130	5	25		
Chloroform	91	93	70 - 130	2	25		
Chloromethane	132	128	70 - 130	3	25	*	
cis-1,2-Dichloroethene	92	97	70 - 130	5	25		
cis-1,3-Dichloropropene	94	96	70 - 130	1	25		
Dibromomethane	95	94	70 - 130	1	25		
Dichlorobromomethane	90	90	70 - 130	1	25		
Dichlorodifluoromethane	146	142	70 - 130	3	25	*	*
Ethylbenzene	97	98	70 - 130	0	25		
Ethylene Dibromide	97	95	70 - 130	2	25		
Hexachlorobutadiene	97	97	70 - 130	0	25		
m-Xylene & p-Xylene	96	96	70 - 130	0	25		
Methyl Ethyl Ketone	73	73	70 - 130	1	25		
methyl isobutyl ketone	89	88	70 - 130	1	25		
Butyl alcohol, tert-	98	96	70 - 130	2	25		
Methyl tert-butyl ether	87	82	70 - 130	5	25		
Methylene Chloride	94	90	70 - 130	4	25		
Naphthalene	91	89	70 - 130	2	25		
n-Butylbenzene	97	97	70 - 130	0	25		
N-Propylbenzene	97	96	70 - 130	1	25		
o-Xylene	95	94	70 - 130	1	25		
Styrene	97	98	70 - 130	1	25		
sec-Butylbenzene	96	95	70 - 130	1	25		
Tert-amyl methyl ether	87	85	70 - 130	2	25		
Tert-butyl ethyl ether	79	84	70 - 130	6	25		
Tetrachloroethene	96	95	70 - 130	1	25		
Toluene	95	96	70 - 130	0	25		
trans-1,2-Dichloroethene	89	87	70 - 130	3	25		
trans-1,3-Dichloropropene	96	95	70 - 130	1	25		
Trichloroethene	104	103	70 - 130	1	25		
Tetrahydrofuran	98	97	70 - 130	1	25		
Vinyl chloride	121	116	70 - 130	4	25		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5204

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 360-5204/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 2329
Date Prepared: 04/13/2006 2329

Analysis Batch: 360-5204
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04790.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5204/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 2353
Date Prepared: 04/13/2006 2353

Analysis Batch: 360-5204
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04791.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,2-Dichloropropane	97	96	70 - 130	1	25		
1,3-Dichloropropane	98	98	70 - 130	0	25		
Isopropylbenzene	101	100	70 - 130	2	25		
tert-Butylbenzene	94	94	70 - 130	0	25		
Isopropyl ether	87	85	70 - 130	2	25		
Trichlorofluoromethane	106	104	70 - 130	2	25		
4-Isopropyltoluene	98	97	70 - 130	1	25		
Ethyl ether	80	79	70 - 130	1	25		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4	98		99		70 - 130		
4-Bromofluorobenzene	99		100		70 - 130		
Dibromofluoromethane	96		96		70 - 130		
Toluene-d8	102		101		70 - 130		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5229

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 360-5229/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 1444
Date Prepared: 04/17/2006 1444

Analysis Batch: 360-5229
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04860.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,1,2-Trichloroethane	ND		0.069	1.0
1,1-Dichloroethane	ND		0.18	1.0
1,1-Dichloroethene	ND		0.20	1.0
1,1-Dichloropropene	ND		0.22	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dichloroethane	ND		0.083	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
1,3-Dichlorobenzene	ND		0.12	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
1,4-Dioxane	ND		6.7	50
2,2-Dichloropropane	ND		0.25	1.0
2-Chlorotoluene	ND		0.16	1.0
2-Hexanone	ND		2.1	10
4-Chlorotoluene	ND		0.16	1.0
Acetone	ND		3.8	50
Benzene	ND		0.14	1.0
Bromobenzene	ND		0.079	1.0
Bromoform	ND		0.13	1.0
Bromomethane	ND		1.0	2.0
Carbon disulfide	ND		0.18	10
Carbon tetrachloride	ND		0.24	1.0
Chlorobenzene	ND		0.15	1.0
Chlorobromomethane	ND		0.12	1.0
Chlorodibromomethane	ND		0.087	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
Chloroethane	ND		0.22	2.0
Chloroform	ND		0.15	1.0
Chloromethane	ND		0.50	2.0
cis-1,2-Dichloroethene	ND		0.39	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
Dichlorodifluoromethane	ND		0.16	1.0
Ethylbenzene	ND		0.18	1.0

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5229

Method: 8260B Preparation: 5030B

Lab Sample ID: MB 360-5229/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 1444
Date Prepared: 04/17/2006 1444

Analysis Batch: 360-5229
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04860.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
Ethylene Dibromide	ND		0.092	1.0
Hexachlorobutadiene	ND		0.35	1.0
m-Xylene & p-Xylene	ND		0.38	2.0
Methyl Ethyl Ketone	ND		1.9	10
methyl isobutyl ketone	ND		1.0	10
Butyl alcohol, tert-	ND		5.0	50
Methyl tert-butyl ether	ND		0.30	1.0
Methylene Chloride	ND		0.50	2.0
Naphthalene	ND		0.19	5.0
n-Butylbenzene	ND		0.16	1.0
N-Propylbenzene	ND		0.20	1.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
sec-Butylbenzene	ND		0.18	1.0
Tert-amyl methyl ether	ND		0.50	5.0
Tert-butyl ethyl ether	ND		0.50	5.0
Tetrachloroethene	ND		0.14	1.0
Toluene	ND		0.50	1.0
trans-1,2-Dichloroethene	ND		0.21	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
Trichloroethene	ND		0.19	1.0
Tetrahydrofuran	ND		2.0	10
Vinyl chloride	ND		0.22	1.0
1,2-Dichloropropane	ND		0.17	1.0
1,3-Dichloropropane	ND		0.072	1.0
Isopropylbenzene	ND		0.50	1.0
tert-Butylbenzene	ND		0.20	1.0
Isopropyl ether	ND		0.31	10
Trichlorofluoromethane	ND		0.26	1.0
4-Isopropyltoluene	ND		0.19	1.0
Ethyl ether	ND		10	10
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4	87	70 - 130		
4-Bromofluorobenzene	98	70 - 130		
Dibromofluoromethane	93	70 - 130		
Toluene-d8	99	70 - 130		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5229

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 360-5229/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 1335
Date Prepared: 04/17/2006 1335

Analysis Batch: 360-5229
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04857.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5229/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 1358
Date Prepared: 04/17/2006 1358

Analysis Batch: 360-5229
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04858.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1,1,2-Tetrachloroethane	98	96	70 - 130	1	25		
1,1,1-Trichloroethane	86	86	70 - 130	0	25		
1,1,2,2-Tetrachloroethane	100	96	70 - 130	5	25		
1,1,2-Trichloroethane	100	93	70 - 130	8	25		
1,1-Dichloroethane	88	81	70 - 130	8	25		
1,1-Dichloroethene	84	80	70 - 130	5	25		
1,1-Dichloropropene	89	85	70 - 130	5	25		
1,2,3-Trichloropropane	94	91	70 - 130	4	25		
1,2,3-Trichlorobenzene	93	93	70 - 130	0	25		
1,2,4-Trichlorobenzene	93	92	70 - 130	2	25		
1,2,4-Trimethylbenzene	95	94	70 - 130	1	25		
1,2-Dichlorobenzene	92	90	70 - 130	2	25		
1,2-Dichloroethane	87	82	70 - 130	6	25		
1,3,5-Trimethylbenzene	95	94	70 - 130	1	25		
1,3-Dichlorobenzene	92	90	70 - 130	2	25		
1,4-Dichlorobenzene	93	89	70 - 130	5	25		
1,4-Dioxane	121	110	70 - 130	10	25		
2,2-Dichloropropane	79	83	70 - 130	5	25		
2-Chlorotoluene	97	95	70 - 130	2	25		
2-Hexanone	88	80	70 - 130	10	25		
4-Chlorotoluene	91	89	70 - 130	3	25		
Acetone	65	61	70 - 130	6	25	*	*
Benzene	96	91	70 - 130	5	25		
Bromobenzene	92	89	70 - 130	3	25		
Bromoform	104	99	70 - 130	5	25		
Bromomethane	112	87	70 - 130	25	25		
Carbon disulfide	69	66	70 - 130	6	25	*	*
Carbon tetrachloride	81	83	70 - 130	2	25		
Chlorobenzene	95	91	70 - 130	4	25		
Chlorobromomethane	76	84	70 - 130	10	25		
Chlorodibromomethane	99	94	70 - 130	5	25		
1,2-Dibromo-3-Chloropropane	90	92	70 - 130	2	25		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5229

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 360-5229/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 1335
Date Prepared: 04/17/2006 1335

Analysis Batch: 360-5229
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04857.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5229/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 1358
Date Prepared: 04/17/2006 1358

Analysis Batch: 360-5229
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04858.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloroethane	102	81	70 - 130	23	25		
Chloroform	83	86	70 - 130	4	25		
Chloromethane	130	101	70 - 130	25	25		
cis-1,2-Dichloroethene	84	84	70 - 130	0	25		
cis-1,3-Dichloropropene	99	93	70 - 130	6	25		
Dibromomethane	94	89	70 - 130	5	25		
Dichlorobromomethane	90	86	70 - 130	5	25		
Dichlorodifluoromethane	143	106	70 - 130	30	25	*	*
Ethylbenzene	100	96	70 - 130	4	25		
Ethylene Dibromide	97	90	70 - 130	7	25		
Hexachlorobutadiene	99	96	70 - 130	3	25		
m-Xylene & p-Xylene	98	95	70 - 130	3	25		
Methyl Ethyl Ketone	76	70	70 - 130	8	25		
methyl isobutyl ketone	95	88	70 - 130	8	25		
Butyl alcohol, tert-	95	90	70 - 130	5	25		
Methyl tert-butyl ether	84	80	70 - 130	5	25		
Methylene Chloride	88	85	70 - 130	5	25		
Naphthalene	92	91	70 - 130	1	25		
n-Butylbenzene	100	98	70 - 130	2	25		
N-Propylbenzene	100	97	70 - 130	3	25		
o-Xylene	96	95	70 - 130	1	25		
Styrene	99	96	70 - 130	4	25		
sec-Butylbenzene	97	97	70 - 130	1	25		
Tert-amyl methyl ether	88	85	70 - 130	4	25		
Tert-butyl ethyl ether	79	75	70 - 130	6	25		
Tetrachloroethene	97	90	70 - 130	7	25		
Toluene	98	92	70 - 130	6	25		
trans-1,2-Dichloroethene	85	81	70 - 130	5	25		
trans-1,3-Dichloropropene	100	92	70 - 130	8	25		
Trichloroethene	95	90	70 - 130	5	25		
Tetrahydrofuran	92	93	70 - 130	1	25		
Vinyl chloride	119	89	70 - 130	29	25		*

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5229

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 360-5229/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 1335
Date Prepared: 04/17/2006 1335

Analysis Batch: 360-5229
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04857.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-5229/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 1358
Date Prepared: 04/17/2006 1358

Analysis Batch: 360-5229
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 5890+/5973 GC/MS
Lab File ID: V04858.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,2-Dichloropropane	99	95	70 - 130	4	25		
1,3-Dichloropropane	100	93	70 - 130	8	25		
Isopropylbenzene	103	101	70 - 130	2	25		
tert-Butylbenzene	96	93	70 - 130	2	25		
Isopropyl ether	88	83	70 - 130	6	25		
Trichlorofluoromethane	102	76	70 - 130	28	25		*
4-Isopropyltoluene	99	98	70 - 130	1	25		
Ethyl ether	76	71	70 - 130	8	25		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4	95		93		70 - 130		
4-Bromofluorobenzene	100		99		70 - 130		
Dibromofluoromethane	87		91		70 - 130		
Toluene-d8	103		102		70 - 130		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5231

Method: 8270C Preparation: 3510C

Lab Sample ID: MB 360-5231/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/24/2006 2210
Date Prepared: 04/18/2006 1255

Analysis Batch: 360-5492
Prep Batch: 360-5231
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4408.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
2,4,5-Trichlorophenol	ND		0.45	5.0
2,4,6-Trichlorophenol	ND		0.58	5.0
2,4-Dichlorophenol	ND		0.58	5.0
2,4-Dinitrophenol	ND		0.50	5.0
2,4-Dimethylphenol	ND		0.51	5.0
2-Chlorophenol	ND		0.35	5.0
2-Methylphenol	ND		0.41	5.0
2-Nitrophenol	ND		0.56	5.0
3 & 4 Methylphenol	ND		0.39	5.0
4,6-Dinitro-2-methylphenol	ND		0.39	5.0
4-Chloro-3-methylphenol	ND		0.54	5.0
4-Nitrophenol	ND		0.30	5.0
Acenaphthene	ND		0.18	1.0
Acenaphthylene	ND		0.25	0.30
Anthracene	ND		0.21	1.0
Benzo[a]anthracene	ND		0.18	0.30
Benzo[a]pyrene	ND		0.20	0.20
Benzo[b]fluoranthene	ND		0.18	0.30
Benzo[g,h,i]perylene	ND		0.15	0.50
Benzo[k]fluoranthene	ND		0.16	0.30
Bis(2-ethylhexyl) phthalate	ND		0.13	5.0
Butyl benzyl phthalate	ND		0.27	5.0
Chrysene	ND		0.18	1.0
Di-n-butyl phthalate	ND		0.20	5.0
Di-n-octyl phthalate	ND		0.15	5.0
Dibenz(a,h)anthracene	ND		0.17	0.50
Diethyl phthalate	ND		0.23	5.0
Dimethyl phthalate	ND		0.23	5.0
Fluoranthene	ND		0.23	1.0
Fluorene	ND		0.23	1.0
Indeno[1,2,3-cd]pyrene	ND		0.19	0.50
Naphthalene	ND		0.21	1.0
Pentachlorophenol	ND		0.39	5.0
Phenanthrene	ND		0.20	0.20
Phenol	ND		0.27	5.0
Pyrene	ND		0.21	5.0
Surrogate	% Rec	Acceptance Limits		
2,4,6-Tribromophenol	42	15 - 110		
2-Fluorobiphenyl	82	30 - 130		
2-Fluorophenol	27	15 - 110		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Surrogate	% Rec	Acceptance Limits
Phenol-d5	15	15 - 110
Terphenyl-d14	78	30 - 130
Nitrobenzene-d5	72	30 - 130

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5231

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 360-5231/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/24/2006 2236
Date Prepared: 04/18/2006 1255

Analysis Batch: 360-5492
Prep Batch: 360-5231
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4409.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 360-5231/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/24/2006 2302
Date Prepared: 04/18/2006 1255

Analysis Batch: 360-5492
Prep Batch: 360-5231
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4410.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
2,4,5-Trichlorophenol	56	63	30 - 130	12	20		
2,4,6-Trichlorophenol	66	66	30 - 130	0	20		
2,4-Dichlorophenol	58	60	30 - 130	3	20		
2,4-Dinitrophenol	39	50	30 - 130	26	20		*
2,4-Dimethylphenol	57	60	30 - 130	5	20		
2-Chlorophenol	48	50	40 - 130	3	20		
2-Methylphenol	36	38	30 - 130	4	20		
2-Nitrophenol	60	59	30 - 130	1	20		
3 & 4 Methylphenol	31	32	30 - 130	4	20		
4,6-Dinitro-2-methylphenol	48	53	30 - 130	10	20		
4-Chloro-3-methylphenol	55	57	30 - 130	5	20		
4-Nitrophenol	140	141	30 - 130	1	20	*	*
Acenaphthene	57	56	40 - 140	1	20		
Acenaphthylene	63	63	40 - 140	0	20		
Anthracene	61	62	40 - 140	1	20		
Benzo[a]anthracene	54	58	40 - 140	8	20		
Benzo[a]pyrene	64	64	40 - 140	0	20		
Benzo[b]fluoranthene	59	58	40 - 140	2	20		
Benzo[g,h,i]perylene	63	61	40 - 140	2	20		
Benzo[k]fluoranthene	64	57	40 - 140	13	20		
Bis(2-ethylhexyl) phthalate	65	63	40 - 140	3	20		
Butyl benzyl phthalate	61	61	40 - 140	1	20		
Chrysene	59	54	40 - 140	8	20		
Di-n-butyl phthalate	78	79	40 - 140	2	20		
Di-n-octyl phthalate	66	64	40 - 140	3	20		
Dibenz(a,h)anthracene	65	61	40 - 140	7	20		
Diethyl phthalate	59	59	40 - 140	1	20		
Dimethyl phthalate	59	60	40 - 140	2	20		
Fluoranthene	64	66	40 - 140	3	20		
Fluorene	61	60	40 - 140	1	20		
Indeno[1,2,3-cd]pyrene	62	61	40 - 140	2	20		
Naphthalene	58	59	40 - 140	2	20		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5231

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 360-5231/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/24/2006 2236
Date Prepared: 04/18/2006 1255

Analysis Batch: 360-5492
Prep Batch: 360-5231
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4409.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 360-5231/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/24/2006 2302
Date Prepared: 04/18/2006 1255

Analysis Batch: 360-5492
Prep Batch: 360-5231
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4410.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Pentachlorophenol	67	78	30 - 130	14	20		
Phenanthrene	63	61	40 - 140	3	20		
Phenol	12	13	30 - 130	6	20	J *	*
Pyrene	58	56	40 - 140	5	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
2,4,6-Tribromophenol	34		35		15 - 110		
2-Fluorobiphenyl	67		68		30 - 130		
2-Fluorophenol	22		24		15 - 110		
Phenol-d5	12	*	13	*	15 - 110		
Terphenyl-d14	65		65		30 - 130		
Nitrobenzene-d5	65		68		30 - 130		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5073

Method: 608
Preparation: 608

Lab Sample ID: MB 360-5073/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 1806
Date Prepared: 04/13/2006 1000

Analysis Batch: 360-5310
Prep Batch: 360-5073
Units: ug/L

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: P4451.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	ND		0.11	1.0
PCB-1221	ND		0.13	1.0
PCB-1232	ND		0.13	1.0
PCB-1242	ND		0.13	1.0
PCB-1248	ND		0.13	1.0
PCB-1254	ND		0.13	1.0
PCB-1260	ND		0.13	1.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	51	30 - 150
Tetrachloro-m-xylene	107	30 - 150

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	55	45	30 - 150
Tetrachloro-m-xylene	114	114	30 - 150

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5437

Lab Sample ID: MB 360-5437/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2006 1831
Date Prepared: 04/18/2006 1140

Analysis Batch: 360-5429
Prep Batch: 360-5437
Units: ug/L

Method: 8011 Preparation: 8011

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1688.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Ethylene Dibromide	ND		0.018	0.020

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5437

Method: 8011 Preparation: 8011

LCS Lab Sample ID: LCS 360-5437/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2006 1744
Date Prepared: 04/18/2006 1140

Analysis Batch: 360-5429
Prep Batch: 360-5437
Units: ug/L

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1685.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 360-5437/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2006 1759
Date Prepared: 04/18/2006 1140

Analysis Batch: 360-5429
Prep Batch: 360-5437
Units: ug/L

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1686.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Ethylene Dibromide	107	114	70 - 130	7	20		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5438

Lab Sample ID: MB 360-5438/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2006 1934
Date Prepared: 04/18/2006 1158

Analysis Batch: 360-5430
Prep Batch: 360-5438
Units: ug/L

Method: 8011 Preparation: 8011

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1692.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Ethylene Dibromide	ND		0.018	0.020

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5438

Method: 8011 Preparation: 8011

LCS Lab Sample ID: LCS 360-5438/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2006 1847
Date Prepared: 04/18/2006 1158

Analysis Batch: 360-5430
Prep Batch: 360-5438
Units: ug/L

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1689.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 360-5438/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2006 1902
Date Prepared: 04/18/2006 1158

Analysis Batch: 360-5430
Prep Batch: 360-5438
Units: ug/L

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1690.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Ethylene Dibromide	119	119	70 - 130	0	20		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-4976

Lab Sample ID: MB 360-4976/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/22/2006 1639
Date Prepared: 04/12/2006 0751

Analysis Batch: 360-5420
Prep Batch: 360-4976
Units: ug/L

Method: 200.7 Appx C Preparation: 200.7 Appx C

Instrument ID: Thermo Jarrell Ash 61E Tr
Lab File ID: MAR2006
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Silver	ND		0.83	5.0
Arsenic	ND		3.8	10
Cadmium	ND		0.30	1.0
Chromium	ND		0.66	5.0
Copper	ND		1.1	10
Iron	ND		14	100
Nickel	ND		1.1	10
Lead	ND		1.6	5.0
Selenium	ND		4.2	10
Zinc	ND		1.3	50

Method Blank - Batch: 360-4976

Lab Sample ID: MB 360-4976/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/25/2006 1721
Date Prepared: 04/12/2006 0751

Analysis Batch: 360-5497
Prep Batch: 360-4976
Units: ug/L

Method: 200.7 Appx C Preparation: 200.7 Appx C

Instrument ID: Thermo Jarrell Ash 61E Tr
Lab File ID: MAR2006
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Antimony	ND		2.0	10

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-4976

Method: 200.7 Appx C Preparation: 200.7 Appx C

Lab Sample ID: MB 360-4976/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/26/2006 1239
Date Prepared: 04/12/2006 0751

Analysis Batch: 360-5543
Prep Batch: 360-4976
Units: ug/L

Instrument ID: Thermo Jarrell Ash 61E Tr
Lab File ID: MAR2006
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Antimony	ND		2.0	10

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-4976

Method: 200.7 Appx C
Preparation: 200.7 Appx C

LCS Lab Sample ID: LCS 360-4976/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/22/2006 1706
Date Prepared: 04/12/2006 0751

Analysis Batch: 360-5420
Prep Batch: 360-4976
Units: ug/L

Instrument ID: Thermo Jarrell Ash 61E Tr
Lab File ID: MAR2006
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 360-4976/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/22/2006 1713
Date Prepared: 04/12/2006 0751

Analysis Batch: 360-5420
Prep Batch: 360-4976
Units: ug/L

Instrument ID: Thermo Jarrell Ash 61E T
Lab File ID: MAR2006
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Silver	94	93	85 - 115	1	20		
Arsenic	91	93	85 - 115	1	20		
Cadmium	91	91	85 - 115	1	20		
Chromium	92	91	85 - 115	0	20		
Copper	93	92	85 - 115	1	20		
Iron	108	108	85 - 115	0	20		
Nickel	92	91	85 - 115	1	20		
Lead	91	90	85 - 115	1	20		
Selenium	88	91	85 - 115	4	20		
Zinc	94	93	85 - 115	1	20		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-4976

Method: 200.7 Appx C
Preparation: 200.7 Appx C

LCS Lab Sample ID: LCS 360-4976/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/26/2006 1246
Date Prepared: 04/12/2006 0751

Analysis Batch: 360-5543
Prep Batch: 360-4976
Units: ug/L

Instrument ID: Thermo Jarrell Ash 61E Tr
Lab File ID: MAR2006
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 360-4976/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/26/2006 1252
Date Prepared: 04/12/2006 0751

Analysis Batch: 360-5543
Prep Batch: 360-4976
Units: ug/L

Instrument ID: Thermo Jarrell Ash 61E T
Lab File ID: MAR2006
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Antimony	100	102	85 - 115	2	20		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-4988

Lab Sample ID: MB 360-4988/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 1119
Date Prepared: 04/12/2006 1113

Analysis Batch: 360-5096
Prep Batch: 360-4988
Units: ug/L

Method: 245.1 Preparation: 245.1

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

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.13	0.20

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-4988

Method: 245.1 Preparation: 245.1

LCS Lab Sample ID: LCS 360-4988/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 1121
Date Prepared: 04/12/2006 1113

Analysis Batch: 360-5096
Prep Batch: 360-4988
Units: ug/L

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

LCSD Lab Sample ID: LCSD 360-4988/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 1123
Date Prepared: 04/12/2006 1113

Analysis Batch: 360-5096
Prep Batch: 360-4988
Units: ug/L

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

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Mercury	109	107	80 - 120	1	20		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Laboratory Control Sample - Batch: 360-5144

Method: 10-204-00-1-A
Preparation: Distillation

Lab Sample ID: LCS 360-5144/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/14/2006 0853
Date Prepared: 04/14/2006 1216

Analysis Batch: 360-5179
Prep Batch: 360-5144
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	0.100	0.10	104	85 - 115	

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5179

Lab Sample ID: MB 360-5179/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/14/2006 0853
Date Prepared: N/A

Analysis Batch: 360-5179
Prep Batch: N/A
Units: mg/L

Method: 10-204-00-1-A Preparation: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	MDL	RL
Cyanide, Total	ND		0.0030	0.010

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5164

Method: 160.2
Preparation: N/A

Lab Sample ID: MB 360-5164/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 1215
Date Prepared: N/A

Analysis Batch: 360-5164
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	RL	RL
Total Suspended Solids	ND		5.0	5.0

Laboratory Control Sample - Batch: 360-5164

Method: 160.2
Preparation: N/A

Lab Sample ID: LCS 360-5164/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2006 1215
Date Prepared: N/A

Analysis Batch: 360-5164
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	500	480	96	85 - 115	

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 500-1633

Lab Sample ID: MB 500-1633/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/21/2006 0901
Date Prepared: 04/20/2006 1030

Analysis Batch: 500-1635
Prep Batch: 500-1633
Units: mg/L

Method: 1664A Preparation: 1664A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	MDL	RL
SGT-HEM	ND		2.3	5.0

Laboratory Control Sample - Batch: 500-1633

Lab Sample ID: LCS 500-1633/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/21/2006 0901
Date Prepared: 04/20/2006 1030

Analysis Batch: 500-1635
Prep Batch: 500-1633
Units: mg/L

Method: 1664A Preparation: 1664A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
SGT-HEM	20.0	18.5	93	64 - 132	

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5068

Lab Sample ID: MB 360-5068/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/14/2006 0934
Date Prepared: 04/13/2006 1253

Analysis Batch: 360-5184
Prep Batch: 360-5068
Units: mg/L

Method: 420.2 Preparation: Distill/Phenol

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Phenols, Total	ND		0.0070	0.010

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5068

Method: 420.2 Preparation: Distill/Phenol

LCS Lab Sample ID: LCS 360-5068/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/14/2006 0934
Date Prepared: 04/13/2006 1253

Analysis Batch: 360-5184
Prep Batch: 360-5068
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 360-5068/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/14/2006 0934
Date Prepared: 04/13/2006 1253

Analysis Batch: 360-5184
Prep Batch: 360-5068
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Phenols, Total	109	109	85 - 115	0	20		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Method Blank - Batch: 360-5083

Method: 7196A
Preparation: N/A

Lab Sample ID: MB 360-5083/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2006 0825
Date Prepared: N/A

Analysis Batch: 360-5083
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 100 mL

Analyte	Result	Qual	RL	RL
Cr (VI)	ND		0.0050	0.0050

Laboratory Control/ Laboratory Control Duplicate Recovery Report - Batch: 360-5083

Method: 7196A
Preparation: N/A

LCS Lab Sample ID: LCS 360-5083/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2006 0825
Date Prepared: N/A

Analysis Batch: 360-5083
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 100 mL

LCSD Lab Sample ID: LCSD 360-5083/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2006 0825
Date Prepared: N/A

Analysis Batch: 360-5083
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 100 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Cr (VI)	102	100	80 - 120	2	20		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 360-5083

Method: 7196A
Preparation: N/A

MS Lab Sample ID: 360-2671-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2006 0825
Date Prepared: N/A

Analysis Batch: 360-5083
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 100 mL

MSD Lab Sample ID: 360-2671-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2006 0825
Date Prepared: N/A

Analysis Batch: 360-5083
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 100 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Cr (VI)	98	98	75 - 125	0	20		

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

VOLATILE ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: STL WESTFIELD

Lab Sample ID: 2671-1

No TICs detected _____

Lab File ID: V04866.D

Date Analyzed: 4/17/2006

Concentration Units: ug/L

CAS No.	Compound	EST CONC	% Quality Match
000067-63-0	ISOPROPYL ALCOHOL	12.62	78
001066-40-6	SILANOL, TRIMETHYL	3.02	90
000071-36-3	1-BUTANOL	9.99	90
000104-76-7	1-HEXANOL, 2-ETHYL-	2.34	90

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Weston Solutions, Inc.

Job Number: 360-2671-1
Sdg Number: 11621.039.001.2

Login Number: 2671

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

Chain of Custody Record

SEVERN
TRENT

STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client Wpston Solutions		Project Manager Fred Symmes		Date 4/11/2006	Chain of Custody Number 116443
Address 1 Wall Street		Telephone Number (Area Code)/Fax Number 603 656 5436 / 603 656 5401		Lab Number 360-2671	Page 1 of 1

City Manchester	State NH	Zip Code 03101	Site Contact Erik Hall	Lab Contact Lisa Worthington	Analysis (Attach list if more space is needed)
Project Name and Location (State) Merrimack Valley Works (MA)			Carrier/Waybill Number		

Contract/Purchase Order/Quote No. 11621.039.001.2000	Matrix	Containers & Preservatives	Special Instructions/ Conditions of Receipt
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Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc2	NaOH	8260	TSS	Residue	EDB	TPH-1604	Hex Chlor	Total Cyanide	8270 leached	608	total metal	total phenol
AS-002C-EFF-041106	4/11/06	0901		+						X				X										
AS-002C-INF-041106	4/11/06	0738		+						X				X										
AS-001E-EFF-041106	4/11/06	0922		X										X	X	X	X							
AS-001E-INF-041106	4/11/06	0930		X										X	X	X	X	X	X	X	X	X	X	X
TB-041106	4/11/06	0700		X										X		X								

Possible Hazard Identification	Sample Disposal	(A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown	☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months	

Turn Around Time Required	QC Requirements (Specify)
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____	

1. Relinquished By Erik Hall	Date 4-11-06	Time 1638	1. Received By [Signature]	Date 4-11-06	Time 1638
2. Relinquished By [Signature]	Date 4-11-06	Time 1925	2. Received By [Signature]	Date 4/11/06	Time 1925
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments