Weston Solutions, Inc.
One Wall Street
Manchester, NH 03101-1501
603-656-5400 • Fax 603-656-5401
www.westonsolutions.com

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 70/71 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 70/71 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 70/71 remediation system). A separate NOI is concurrently being submitted for the discharge from the Building 51 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 (MDL), or the Sample Reporting Limit, which ever is lower. The Minimum Levels for VOCs in the treatment system influent are elevated because of the dilution necessary to quantify analytes with high concentrations. A summary of historical influent and effluent data is provided in Attachment I to provide additional information on potential contaminants at the site. Analytes that are not detected in the influent (because of dilutions) but have been detected in the effluent are noted as “believed present” in the NOI form, with estimated influent concentrations and masses. Analytes that have not been detected in the influent or effluent, but are believed present because of site data, are also noted as “believed present” in the NOI form with concentrations reported as “ND.”

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.

3. A process flow diagram for the Building 70/71 treatment system.

4. Supplemental data demonstrating the long-term performance of the Building 70/71 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.

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
REMEDIATION GENERAL PERMIT NO MAG910000

BUILDING 70/71 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:

<table>
<tr><td colspan="2">a) Name of facility/site:

Building 70/71 Remediation System at Merrimack Valley Works/1600 Osgood St.</td><td colspan="4">Facility/site address:</td></tr>
<tr><td>Location of facility/site:
longitude: 42d4351N latitude: 71d657W</td><td>Facility SIC code(s):
3661</td><td colspan="4">Street:
1600 Osgood Street,</td></tr>
<tr><td colspan="2">b) Name of facility/site owner: Lucent Technologies, Inc.</td><td colspan="4">Town: North Andover</td></tr>
<tr><td colspan="2" rowspan="2">Email address of owner:
vierkant@lucent.com

Telephone no.of facility/site owner: (417) 882-2211</td><td rowspan="2">State:
MA</td><td rowspan="2">Zip:
01845</td><td rowspan="2">County:
Essex</td></tr>
<tr><td colspan="2">Fax no. of facility/site owner: (417) 882-2167

Address of owner (if different from site):</td><td colspan="2">Owner is (check one): 1. Federal____ 2. State/Tribal_____
3. Private__✓___ 4. other, if so, describe:</td></tr>
<tr><td colspan="6">Street: 2101 West Chesterfield Blvd; Suite C100-110</td></tr>
<tr><td colspan="2">Town: Springfield</td><td>State: MO</td><td>Zip: 65807</td><td colspan="2">County: Springfield-Greene</td></tr>
<tr><td colspan="2" rowspan="2">c) Legal name of operator:
Weston Solutions, Inc.</td><td colspan="4">Operator telephone no: (603) 656-5412</td></tr>
<tr><td colspan="2">Operator fax no.: (603) 656-5401</td><td colspan="2">Operator email:
Fred.Symmes@WestonSolutions.com</td></tr>
<tr><td colspan="6">Operator contact name and title: Frederick R. Symmes, P.E., Project Manager</td></tr>
</table>

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 0.005 cfs Average flow 0.002 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. 42d43'54" lat. 71d07'22"; 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 10/05/02 end 08/01/10	
d) Please attach a line drawing or flow schematic showing water flow through the facility including: 1. sources of intake water, 2. contributing flow from the operation, 3. treatment units, and 4. discharge points and receiving waters(s).	

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

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

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

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

PARAMETER	**Believe Absent**	**Believe Present**	**# of Samples (1 min-imum)**	**Type of Sample (e.g., grab)**	**Analytical Method Used (method #)**	**Minimum Level (ML) of Test Method**	**Maximum daily value**		**Avg. daily value**	
							concentration (ug/l)	**mass (kg)**	**concentration (ug/l)**	**mass (kg)**
1. Total Suspended Solids		✓	1	grab	160.2	5000	1.0E5	1.2	1.0E5	0.49
2. Total Residual Chlorine	✓		1	grab	4500	50				
3. Total Petroleum Hydrocarbons	✓		1	grab	1664A	5000				
4. Cyanide		✓	1	grab	10-204-00-1	10	120	0.0015	120	0.0006
5. Benzene		✓	17	grab	8260B	920	ND		ND	
6. Toluene		✓	17	grab	8260B	2000	2400	0.029	1200	0.0059
7. Ethylbenzene		✓	17	grab	8260B	1100	ND		ND	
8. (m,p,o) Xylenes		✓	17	grab	8260B	2400	ND		ND	
9. Total BTEX[4]		✓	17	grab	8260B	2400	2400	0.014	1100	0.005

[4]BTEX = 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 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
10. Ethylene Dibromide (1,2- Dibromo-methane)	✓		1	grab	8011	0.073				
11. Methyl-tert-Butyl Ether (MtBE)		✓	17	grab	8260B	1900	2.0	0.00002	1.2	0.00001
12. tert-Butyl Alcohol (TBA)		✓	1	grab	8260B	32000	47	0.00057	47	0.00057
13. tert-Amyl Methyl Ether (TAME)	✓		1	grab	8260B	3200				
14. Naphthalene	✓		17	grab	8260B	1200				
15. Carbon Tetra-chloride	✓		17	grab	8260B	1500				
16. 1,4 Dichlorobenzene	✓		17	grab	8270C	0.64				
17. 1,2 Dichlorobenzene	✓		17	grab	8270C	0.67				
18. 1,3 Dichlorobenzene	✓		17	grab	8270C	0.64				
19. 1,1 Dichloroethane		✓	17	grab	8260B	1100	3000	0.034	1820	0.0089
20. 1,2 Dichloroethane		✓	17	grab	8260B	540	360	0.0044	100	0.0006
21. 1,1 Dichloroethylene		✓	17	grab	8260B	1300	3000	0.034	1786	0.0087
22. cis-1,2 Dichloro-ethylene		✓	17	grab	8260B	2000	32000	0.39	12151	0.15
23. Dichloromethane (Methylene Chloride)	✓		17	grab	8260B	3200				
24. Tetrachloroethylene		✓	17	grab	8260B	890	280	0.0034	280	0.0014

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily Value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
25. 1,1,1 Trichloroethane		✓	17	grab	8260B	1700	5400	0.066	2868	0.014
26. 1,1,2 Trichloroethane	✓		17	grab	8260B	450				
27. Trichloroethylene		✓	17	grab	8260B	1200	2.2E5	2.7	79000	0.96
28. Vinyl Chloride		✓	17	grab	8260B	1430	ND		ND	
29. Acetone		✓	17	grab	8260B	24000	1200	0.015	300	0.0037
30. 1,4 Dioxane		✓	17	grab	8260B	41000	250	0.0031	100	0.0012
31. Total Phenols		✓	1	grab	8270C	2.0	5.9	0.00007	5.9	0.00003
32. Pentachlorophenol	✓		1	grab	8270C	1.3				
33. Total Phthalates [5] (Phthalate esthers)		✓	1	grab	8270C	0.9	4.3	0.00005	4.3	0.00002
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]		✓	1	grab	8270C	0.41	1.6	1.9E-5	1.6	7.8E-6
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	✓		1	grab	8270C	0.60				
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				

[5]The 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 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
f. Dibenzo(a,h) anthracene	✓		1	grab	8270C	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	0.70	3.6	4.4E-5	3.6	1.8E-5
h. Acenaphthene	✓		1	grab	8270C	0.60				
i. Acenaphthylene	✓		1	grab	8270C	0.31				
j. Anthracene	✓		1	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	3.6	4.4E-5	3.6	1.8E-5
o. Phenanthrene	✓		1	grab	8270C	0.21				
p. Pyrene	✓		1	grab	8270C	0.70				
37. Total Polychlorinated Biphenyls (PCBs)	✓		1	grab	608	0.41				
***3*8. Antimony**		✓	1	grab	200.8	0.32	2.0	0.00002	2.0	0.00001
39. Arsenic		✓	1	grab	200.8	1.0	6.7	0.00008	6.7	0.00003
40. Cadmium	✓		1	grab	200.8	1.0				
41. Chromium III		✓	1	grab	200.8	0.83	35	0.00043	35	0.00017
42. Chromium VI	✓		1	grab	7196A	5.0				

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
43. Copper		✓	1	grab	200.8	1.0	18	0.00022	18	0.00009
44. Lead		✓	1	grab	200.8	1.0	3	0.00004	3	0.00001
45. Mercury	✓		1	grab	245.1	0.2				
46. Nickel		✓	1	grab	200.8	2.0	190	0.0023	190	0.0009
47. Selenium		✓	1	grab	200.8	1.0	1.8	0.00002	1.8	0.00001
48. Silver	✓		1	grab	200.8	0.73				
49. Zinc		✓	1	grab	200.8	5.0	180	0.0022	180	0.0009
50. Iron		✓	1	grab	200.7	45	6200	0.075	6200	0.030
Other (describe):										

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

Step 1: Do any of the metals in the influent have a **reasonable potential** to exceed the effluent limits in Appendix III (i.e., the limits set at zero to five dilutions)? Y_✓_ N____	If yes, which metals? Copper, Lead, Nickel, Zinc, Iron
Step 2: For any metals which have **reasonable potential** to exceed the **Appendix III** limits, calculate the **dilution factor (DF)** using the formula in Part I.A.3.c) (step 2) of the NOI instructions or as determined by the State prior to the submission of this NOI. What is the dilution factor for applicable metals? Metals: Copper, Lead, Nickel, Zinc, Iron DF: 180,000	Look up the limit calculated at the corresponding dilution factor in **Appendix IV.** Do any of the metals in the **influent** have the potential to exceed the corresponding **effluent** limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y_✓_ N____ If "Yes," list which metals: Iron

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 70/71 remediation system extracts and treats groundwater from the Building 70/71 source area. A process flow diagram for this system is provided as Figure 3. Groundwater is pumped from nine extraction wells and is treated using a phase separator, and tray aeration air stripper prior to discharge to the storm drain system. The storm drain system discharges to the Merrimack River at Outfall 002. This discharge is currently covered by NPDES permit MA0001261, State No. 352. 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 0.8 Maximum flow rate of treatment system 2.3 Design flow rate of treatment system 3.2

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

None

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

a) Identify the discharge pathway:	Direct_____	Within facility__	Storm drain ✓	River/brook ✓	Wetlands_____	Other (describe):

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

Treated ground water is discharged into the Merrimack River in North Andover, MA via a storm drain located at 42d43'54"N and 71d07'22"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 B,

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 930 cfs
Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Yes____ No✓ If yes, for which pollutant(s)?

Is there a TMDL? Yes____ No✓ If yes, for which pollutant(s)?

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

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

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

7. Supplemental information. :

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

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 70/71 remediation system (which is the subject of this NOI and is Outfall Serial Number 002C in the NPDES Permit) and the Building 51 remediation system (Outfall Serial No. 001E). A separate NOI is concurrently being submitted for the Building 51 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 70/71 remediation system) has been in operation since 2002. A process flow diagram for the Building 70/71 treatment system is provided as Figure 2.

5. Additional influent and effluent VOC data for the Building 70/71 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 is provided as 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 as Attachment III.

8. Weston Solutions, Inc. has 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 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.

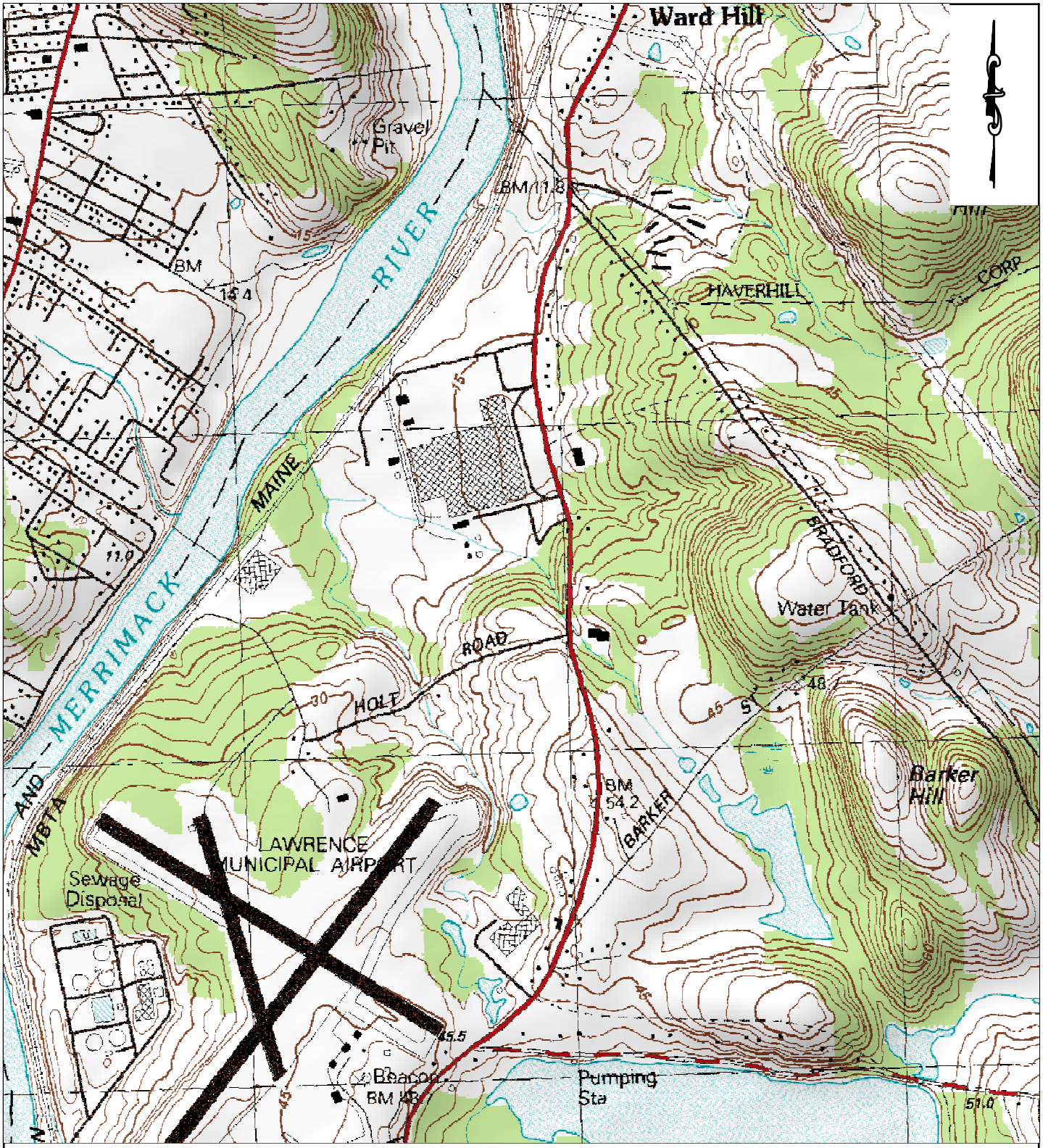
Facility/Site Name: Building 70/71 Remediation System, Merrimack Valley Works / 1600 Osgood Street, LLC

Operator signature:

Title: Project Manager, Weston Solutions, Inc.

Date: 30 June 2006

FIGURES



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

NOTE:
THERE IS A SANITARY SEWER CONNECTION POINT WITHIN 800 FT OF THE BUILDING 70/71 TREATMENT SYSTEM.

GRAPHIC SCALE
1400 700 0 700 1400
APPROXIMATE SCALE IN FEET

LOCUS MAP
OUTFALL FOR BUILDING 70/71 REMEDIATION SYSTEM

MERRIMACK VALLEY WORKS
1600 OSGOOD STREET
NORTH ANDOVER, MA.

WESTON SOLUTIONS
MANCHESTER NEW HAMPSHIRE

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

M:\Design\DWG\MVW\RGP\outfall location map bldg 70-71.dwg, Layout1, 6/20/2006 3:11:00 PM, GIRARDEB, 1:1

(0.4 GPM) FE FE 100-1 2" SS HEADER
(0.4 GPM) FE FE 100-2
(0.4 GPM) FE FE 100-3
(0.4 GPM) FE FE 100-4
(0.4 GPM) FE FE 100-5
(0.4 GPM) FE FE 100-6
(0.4 GPM) FE FE 100-7
(0.4 GPM) FE FE 100-8
(0.4 GPM) FE FE 100-9
1/4" GW-SS SAMPLE TAP (TYP.)
(0.4 GPM)
(3.6 GPM)
3/4"GW-SS (10 GPM)
1"-SS (5 GPM)
1"-SS (5 GPM)
2" SLA-HDPE
2" GW-SS BY-PASS
2" V-HDPE
2" V-HDPE
3" V-HDPE
PRESSURE RELIEF
VACUUM RELIEF
VACUUM RELIEF
VACUUM RELIEF
LOOP NO. 108
LOOP NO. 105
LOOP NO. 106
LOOP NO. 107
LE
SG
HC
PHASE SEPARATION TANK T-1
1/4" GW-SS SAMPLE TAP
2" LNAPL-SS
2" DNAPL-SS
DNAPL COLLECTION DRUM T-2 (55 GALLONS)
LNAPL COLLECTION DRUM T-3 (55 GALLONS)
FROM CARBON ADSORPTION AQUEOUS TRANSFER PUMP
FROM AIR/WATER SEPARATOR TRANSFER PUMP
2" GW-SS
EQUALIZATION TANK T-4
1/4" GW-SS SAMPLE TAP
2" GW-SS
TO IN-LINE AIR/WATER SEPARATOR HEADER
2" SLA-HDPE
FE
FILTER
6" MAKE-UP AIR PVC
LOOP NO. 110
PI
P-10
P-11
TRAY AERATOR FEED PUMPS
2" GW-SS
4"SLA-HDPE
1/4" SLA-SS SAMPLE TAP
LOOP NO. 115
1/4" GW-SS SAMPLE TAP
6"x 4" RED
TRAY AERATOR
LOOP NO. 135
1/4" GW-SS SAMPLE TAP
4" DIAPHRAGM VALVE
TO IN-LINE AIR/WATER SEPARATOR HEADER
4" SLA-HDPE
7" GW-PE TUBING
PI
7" O.D. AIR SUPPLY NYLON TUBING
MW-30 INTERIOR GROUNDWATER RECOVERY WELL P-1
MW-24 INTERIOR GROUNDWATER RECOVERY WELL P-2
MW-27 INTERIOR GROUNDWATER RECOVERY WELL P-3
MW-33 INTERIOR GROUNDWATER RECOVERY WELL P-4
MW-48 INTERIOR GROUNDWATER RECOVERY WELL P-5
FV
S
COMPRESSOR PLANT AIR HEADER
TO VACUUM BLOWER
4" EFF-SS
2" SLA-HDPE
1" WW-SS
VACUUM RELIEF
LOOP NO. 125
M
P-12
P-13
SUMP (150 GALLONS)
WEIR BOX
WEIR WALL
BAFFLE WALL
LOOP NO. 120
4" EFF-PVC
DISCHARGE TO MERRIMACK RIVER VIA NPDES OUTFALL 002C
INTAKE SILENCER
VACUUM PRESSURE 62" H_2O
6" SLA-HDPE
DISCHARGE SILENCER
30 HP VACUUM BLOWER 1085 SCFM @ 5.6" Hg @ 2954 RPM
6" SLA-SS
1/4" SLA-SS SAMPLE TAP
LOOP NO. 160
LE
IN-LINE AIR/WATER SEPARATOR
TO PHASE SEPARATION TANK INLET HEADER
AIR/WATER SEPARATOR TRANSFER PUMP P-14 (5 GPM)
TI
FCV
LOOP NO. 155
CHILLED WATER RETURN
AIR COOLER
SS
HDPE
CHILLED WATER IN
LOOP NO. 140
TE
6" SLA-HDPE
6" SVE-HDPE
4" SVE-HDPE
DIAPH. VALVE
LOOP NO. 150
FLOW METER
6" X 4" RED.
2"-SLA-HDPE
FROM TANK VENTS
4"-SLA-HDPE
FROM TRAY AERATOR
6" X 2" RED.
6" X 4" RED.
760 SCFM
1/4" SAMPLE PORT
1/4" SVE-SS SAMPLE TAP
4" MAKE-UP AIR-PVC
FILTER
BLDG 70 EQUIPMENT SHUTDOWN
LOOP NO. 170
SRVC SYSTEM TROUBLE
AMCEC CONTROL PANEL
1/4" SLA-SS SAMPLE TAP
TO PHASE SEPARATION TANK INLET HEADER
STEAM REGENERABLE VAPOR PHASE CARBON SYSTEM
SAMPLE TAP
CONDENSER
CHILLED WATER OUT TO PLANT RECIRCULATION WATER SYSTEM
CARBON ADSORPTION SEPARATOR
SOLVENT TRANSFER PUMP P-16 (5 GPM)
AQUEOUS TRANSFER PUMP P-15 (5 GPM)
FROM PLANT STEAM
STM-CS
FROM PLANT AIR
1/4" CLEAN AIR SAMPLE TAP
8" EXHAUST-CS TO ATMOSPHERE
LOOP NO. 165
SOLVENT TRANSFER DRUM T-5 (55 GALLONS)
CHILLED WATER SUPPLY
MW-14 EXTERIOR GROUNDWATER RECOVERY WELL P-6
MW-34 EXTERIOR GROUNDWATER RECOVERY WELL P-7
MW-42 EXTERIOR GROUNDWATER RECOVERY WELL P-8
MW-45 GROUNDWATER RECOVERY/ SOIL VAPOR EXTRACTION WELL P-9
SAMPLE PORT
TRENCH BLDG.
TRENCH - 1
4"-SVE-PVC 200 SCFM
TRENCH - 2
4"-SVE-PVC 200 SCFM

NOTES:
1. TEMPERATURE INDICATING TRANSMITTERS SHALL BE RTD TYPE BY PYROMATION MODEL R1T185L.
2. LEVEL INDICATING TRANSMITTERS SHALL BE DREXELBROOK RF ADMITTANCE TYPE MODEL 508-45-9.
3. SRVC SYSTEM TROUBLE SHALL INITIATE A SHUTDOWN SEQUENCE FOR ALL BLDG 70 PROCESS EQUIPMENT.
4. AIR/WATER SEPARATOR TRANSFER PUMP SHALL BE STARTED AND STOPPED BY THE VENDOR SUPPLIED FLOAT SWITCH IN THE AIR/WATER SEPARATOR.
5. BLOWER SPEED SHALL BE MODULATED AS A FUNCTION OF PRESSURE FROM PIT-175. THE BLOWER SPEED SHALL BE MODULATED TO KEEP LINE PRESSURE BELOW THE SRVC SYSTEM BREAKABLE DIAPHRAM RUPTURE PRESSURE.

DRAFT
11/22/02

REV. NO.	DATE	DRWN	CHKD	REMARKS
6	8/30/02	GZ	HG	REVISED FOR THE RECORD DRAWING
5	12/5/01	GZ	HG	GENERAL REVISIONS
4	10/10/01	GZ	HG	GENERAL REVISIONS
3	9/28/01	GZ	HG	GENERAL REVISIONS
2	8/28/01	FC	HG	GENERAL REVISIONS
1	8/8/01	GPC	HG	GENERAL REVISIONS

DESIGNED BY: P. CONNOLLY
DRAWN BY: J. MOFFAT
SHEET CHK'D BY: H. GIOACCHINI
CROSS CHK'D BY: P. CONNOLLY
APPROVED BY: P. CONNOLLY
DATE: OCTOBER 2001

LUCENT TECHNOLOGIES
NORTH ANDOVER, MASSACHUSETTS

PHASE IV REMEDY IMPLEMENTATION PLAN

BUILDING 70 REMEDIATION SYSTEM PROCESS FLOW DIAGRAM

PROJECT NO. 1381-24594
FILE NAME: MFSD1002.DWG

SHEET NO. 2

ATTACHMENT I

SUMMARY OF TREATMENT SYSTEM VOC DATA
2003 - 2006

Summary of Analytical Data for VOCs in Influent and Effluent
Building 70/71 Remediation System (Outfall 002)
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	5,400	2,868	14	17	5.6	3.1	4	17
1,1-Dichloroethane	3,000	1,820	7	17	3.2	3.0	2	17
1,1-Dichloroethene	3,000	1,786	9	17	2.4	2.4	2	17
1,2-Dichloroethane	5,000 U	No Detections	0	17	3.0	3.0	1	17
1,4-Dioxane	250,000 U	No Detections	0	17	250	150	9	17
Acetone	380	No Detections	0	17	1,200	470	12	17
cis-1,2-Dichloroethene	32,000	12,151	17	17	45	19	7	17
Methyl Ethyl Ketone	50,000 U	No Detections	0	17	450	133	8	17
Methyl Isobutyl Ketone	50,000 U	No Detections	0	17	150	88	5	17
Methyl tert-butyl ether	5,000 U	No Detections	0	17	2.0	1.4	3	17
tert-Butyl Alcohol	10,000 U	No Detections	0	1	120	84	2	2
Tetrachloroethene	17	17	1	17	2 U	No Detections	0	17
Tetrahydrofuran	50,000 U	No Detections	0	17	850	190	11	17
Toluene	2,400	1,208	9	17	3.1	2.1	3	17
Trichloroethene	220,000	78,652	17	17	210	53	11	17
Trimethylsilanol	--	Not Analyzed	--	--	4.0 J	3.5 J	2	2
TOTAL		98,501				1,204		

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 = (Qd+Qs)/Qd

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 70/71 Remediation System
DF = (Qd+Qs)/Qd

Qd=	2.3	gpm
	0.0051	cfs
Qs=	930	cfs

DF = 180,000

ATTACHMENT IV

ANAYTICAL LABORATORY REPORTS

The following samples are applicable to this NOI:

Identifier	Sample Location

VOCs, SVOCs, Metals, TSS, Cyanide (Lab Job No. 360-1679-1):

AS-002C-INF-021706	Influent to Building 70/71 Remediation System
AS-002C-EFF-021706	Effluent from Building 70/71 Remediation System

Total Residual Chlorine, Hexavalent Chromium, TPH (Lab Job No. 360-1745-1):

AS-002C-INF-022206	Influent to Building 70/71 Remediation System

The other samples included in the attached laboratory report 360-1679-1 (B70-AS-PW-021706-1 and B70-AS-PW-021706-2) are process water samples collected from locations within the Building 70/71 treatment system.

ANALYTICAL REPORT

Job Number: 360-1679-1

Job Description: Merrimack Valley Works

For:

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

Attention: Erik Hall

Lisa Worthington
Project Manager II
lworthington@stl-inc.com
03/13/2006

Case Narrative for job: 360-J1679-1

Date: 03/13/2006

For EPA method SW846 8270CLL, samples 1 & 9 were reported with failing extraction surrogates. 1679-1 with 2-Fluorophenol @10%; 1743-9 with Phenol-d5 @ 4% and Nitrobenzene-d5 @ 7%. Matrix interference is presumed.

For EPA method 200.8, the LCS recovered high and outside of method limits for Ba (166%). Both the LCSD and MS associated with this report recovered within method limits. This anomaly appears to be limited only to the LCS. The data is reported with this qualifier.

METHOD SUMMARY

Client: Weston Solutions, Inc. Job Number: 360-1679-1

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	
Separatory Funnel Extractions for Clean Water Act	STL-WES		EPA-01 CWA_Prep
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
ICPMS Metals by 200.8	STL-WES	EPA 200.8	
Total Metals Digestion for 200.8	STL-WES		MCAWW 4.3.1
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	
Lachat - Total Cyanide	STL-WES	MCAWW 10-204-00-1-A	
Distillation/Cyanide	STL-WES		Distillation

LAB REFERENCES:

STL-WES = STL-Westfield

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.

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: 360-1679-1

Method	Analyst	Analyst ID
SW846 8260B	Cao, Xingluan	XC
SW846 8270C	Smith, Jeremy C	JCS
SW846 8270C	Weigel, Brian	BW
40CFR136A 608	Smith, Jeremy C	JCS
40CFR136A 608	Weigel, Brian	BW
SW846 8011	Tester, Carla	CT
40CFR136A 200.7 Appx C	Nasiatka, Ellen M	EMN
EPA 200.8	Balicki, Charles	CB
EPA 245.1	Nasiatka, Ellen M	EMN
MCAWW 10-204-00-1-A	Mathisen, Kim	KM
MCAWW 160.2	Mathisen, Kim	KM

SAMPLE SUMMARY

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-1679-1	AS-002C-INF-021706	Water	02/17/2006 1110	02/20/2006 1630
360-1679-2	B70-AS-PW-021706-1	Water	02/17/2006 1130	02/20/2006 1630
360-1679-3	B70-AS-PW-021706-2	Water	02/17/2006 1320	02/20/2006 1630
360-1679-4	AS-002C-EFF-021706	Water	02/17/2006 1445	02/20/2006 1630

SAMPLE RESULTS

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-INF-021706

Lab Sample ID: 360-1679-1 Date Sampled: 02/17/2006 1110
Client Matrix: Water Date Received: 02/20/2006 1630

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 360-3527 Instrument ID: HP 5890/5972 GC/MS
Preparation: 5030B Lab File ID: V32268.D
Dilution: 2000 Initial Weight/Volume: 25 mL
Date Analyzed: 02/24/2006 2154 Final Weight/Volume: 25 mL
Date Prepared: 02/24/2006 2154

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	ND		1000	4000
Vinyl chloride	ND		450	2000
Bromomethane	ND		2000	4000
Chloroethane	ND		440	4000
Trichlorofluoromethane	ND		510	2000
1,1-Dichloroethene	ND		400	2000
Acetone	ND		7600	100000
Methylene Chloride	ND		1000	4000
trans-1,2-Dichloroethene	ND		430	2000
Methyl tert-butyl ether	ND		590	2000
1,1-Dichloroethane	ND		360	2000
cis-1,2-Dichloroethene	3400		770	2000
Methyl Ethyl Ketone	ND		3800	20000
Chlorobromomethane	ND		230	2000
Chloroform	ND		300	2000
1,1,1-Trichloroethane	980	J	520	2000
1,1-Dichloropropene	ND		440	2000
Carbon tetrachloride	ND		470	2000
Benzene	ND		290	2000
1,2-Dichloroethane	ND		170	2000
Trichloroethene	46000		380	2000
1,2-Dichloropropane	ND		340	2000
Dibromomethane	ND		210	2000
Dichlorobromomethane	ND		390	2000
cis-1,3-Dichloropropene	ND		1000	1000
methyl isobutyl ketone	ND		2000	20000
Toluene	1100	J	1000	2000
trans-1,3-Dichloropropene	ND		1000	1000
1,1,2-Trichloroethane	ND		140	2000
Tetrachloroethene	ND		280	2000
1,3-Dichloropropane	ND		140	2000
2-Hexanone	ND		4200	20000
Chlorodibromomethane	ND		170	2000
Ethylene Dibromide	ND		180	2000
Chlorobenzene	ND		290	2000
1,4-Dioxane	ND		13000	100000
1,1,1,2-Tetrachloroethane	ND		2000	2000
Ethylbenzene	ND		360	2000
m-Xylene & p-Xylene	ND		770	4000
o-Xylene	ND		300	2000
Styrene	ND		280	2000
Bromoform	ND		260	2000
Isopropylbenzene	ND		1000	2000

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-INF-021706

Lab Sample ID: 360-1679-1
Client Matrix: Water

Date Sampled: 02/17/2006 1110
Date Received: 02/20/2006 1630

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 2000
Date Analyzed: 02/24/2006 2154
Date Prepared: 02/24/2006 2154

Analysis Batch: 360-3527

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32268.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Bromobenzene	ND		160	2000
1,1,2,2-Tetrachloroethane	ND		450	2000
1,2,3-Trichloropropane	ND		260	2000
N-Propylbenzene	ND		400	2000
2-Chlorotoluene	ND		310	2000
1,3,5-Trimethylbenzene	ND		310	2000
4-Chlorotoluene	ND		320	2000
tert-Butylbenzene	ND		390	2000
1,2,4-Trimethylbenzene	ND		330	2000
sec-Butylbenzene	ND		370	2000
Butyl alcohol, tert-	ND		10000	100000
1,3-Dichlorobenzene	ND		240	2000
4-Isopropyltoluene	ND		380	2000
1,4-Dichlorobenzene	ND		320	2000
n-Butylbenzene	ND		320	2000
1,2-Dichlorobenzene	ND		160	2000
1,2-Dibromo-3-Chloropropane	ND		590	10000
1,2,4-Trichlorobenzene	ND		390	2000
Hexachlorobutadiene	ND		690	2000
Naphthalene	ND		380	10000
1,2,3-Trichlorobenzene	ND		590	2000
2,2-Dichloropropane	ND		490	2000
Tert-amyl methyl ether	ND		1000	10000

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4	98	70 - 130
4-Bromofluorobenzene	107	70 - 130
Dibromofluoromethane	101	70 - 130
Toluene-d8	105	70 - 130

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: **B70-AS-PW-021706-1**

Lab Sample ID: 360-1679-2 Date Sampled: 02/17/2006 1130
Client Matrix: Water Date Received: 02/20/2006 1630

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 360-3527 Instrument ID: HP 5890/5972 GC/MS
Preparation: 5030B Lab File ID: V32266.D
Dilution: 1.0 Initial Weight/Volume: 25 mL
Date Analyzed: 02/24/2006 2100 Final Weight/Volume: 25 mL
Date Prepared: 02/24/2006 2100

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	ND		0.50	2.0
Vinyl chloride	ND		0.22	1.0
Bromomethane	ND		1.0	2.0
Chloroethane	ND		0.22	2.0
Trichlorofluoromethane	ND		0.26	1.0
1,1-Dichloroethene	ND		0.20	1.0
Acetone	210		3.8	50
Methylene Chloride	ND		0.50	2.0
trans-1,2-Dichloroethene	ND		0.21	1.0
Methyl tert-butyl ether	ND		0.30	1.0
1,1-Dichloroethane	ND		0.18	1.0
cis-1,2-Dichloroethene	ND		0.39	1.0
Methyl Ethyl Ketone	ND		1.9	10
Chlorobromomethane	ND		0.12	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1-Dichloropropene	ND		0.22	1.0
Carbon tetrachloride	ND		0.24	1.0
Benzene	ND		0.14	1.0
1,2-Dichloroethane	ND		0.083	1.0
Trichloroethene	2.5		0.19	1.0
1,2-Dichloropropane	ND		0.17	1.0
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
methyl isobutyl ketone	ND		1.0	10
Toluene	ND		0.50	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
1,1,2-Trichloroethane	ND		0.069	1.0
Tetrachloroethene	ND		0.14	1.0
1,3-Dichloropropane	ND		0.072	1.0
2-Hexanone	ND		2.1	10
Chlorodibromomethane	ND		0.087	1.0
Ethylene Dibromide	ND		0.092	1.0
Chlorobenzene	ND		0.15	1.0
1,4-Dioxane	ND		6.7	50
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
Ethylbenzene	ND		0.18	1.0
m-Xylene & p-Xylene	ND		0.38	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
Bromoform	ND		0.13	1.0
Isopropylbenzene	ND		0.50	1.0

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: **B70-AS-PW-021706-1**

Lab Sample ID: 360-1679-2
Client Matrix: Water

Date Sampled: 02/17/2006 1130
Date Received: 02/20/2006 1630

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/24/2006 2100
Date Prepared: 02/24/2006 2100

Analysis Batch: 360-3527

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32266.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Bromobenzene	ND		0.079	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
N-Propylbenzene	ND		0.20	1.0
2-Chlorotoluene	ND		0.16	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
4-Chlorotoluene	ND		0.16	1.0
tert-Butylbenzene	ND		0.20	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
sec-Butylbenzene	ND		0.18	1.0
Butyl alcohol, tert-	180		5.0	50
1,3-Dichlorobenzene	ND		0.12	1.0
4-Isopropyltoluene	ND		0.19	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
n-Butylbenzene	ND		0.16	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
Hexachlorobutadiene	ND		0.35	1.0
Naphthalene	ND		0.19	5.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
2,2-Dichloropropane	ND		0.25	1.0
Tert-amyl methyl ether	ND		0.50	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4	97	70 - 130
4-Bromofluorobenzene	104	70 - 130
Dibromofluoromethane	101	70 - 130
Toluene-d8	105	70 - 130

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: **B70-AS-PW-021706-2**

Lab Sample ID: 360-1679-3 Date Sampled: 02/17/2006 1320
Client Matrix: Water Date Received: 02/20/2006 1630

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 360-3527 Instrument ID: HP 5890/5972 GC/MS
Preparation: 5030B Lab File ID: V32267.D
Dilution: 1.0 Initial Weight/Volume: 25 mL
Date Analyzed: 02/24/2006 2127 Final Weight/Volume: 25 mL
Date Prepared: 02/24/2006 2127

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	ND		0.50	2.0
Vinyl chloride	ND		0.22	1.0
Bromomethane	ND		1.0	2.0
Chloroethane	ND		0.22	2.0
Trichlorofluoromethane	ND		0.26	1.0
1,1-Dichloroethene	ND		0.20	1.0
Acetone	100		3.8	50
Methylene Chloride	ND		0.50	2.0
trans-1,2-Dichloroethene	ND		0.21	1.0
Methyl tert-butyl ether	ND		0.30	1.0
1,1-Dichloroethane	ND		0.18	1.0
cis-1,2-Dichloroethene	ND		0.39	1.0
Methyl Ethyl Ketone	ND		1.9	10
Chlorobromomethane	ND		0.12	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1-Dichloropropene	ND		0.22	1.0
Carbon tetrachloride	ND		0.24	1.0
Benzene	ND		0.14	1.0
1,2-Dichloroethane	ND		0.083	1.0
Trichloroethene	0.83	J	0.19	1.0
1,2-Dichloropropane	ND		0.17	1.0
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
methyl isobutyl ketone	ND		1.0	10
Toluene	ND		0.50	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
1,1,2-Trichloroethane	ND		0.069	1.0
Tetrachloroethene	ND		0.14	1.0
1,3-Dichloropropane	ND		0.072	1.0
2-Hexanone	ND		2.1	10
Chlorodibromomethane	ND		0.087	1.0
Ethylene Dibromide	ND		0.092	1.0
Chlorobenzene	ND		0.15	1.0
1,4-Dioxane	ND		6.7	50
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
Ethylbenzene	ND		0.18	1.0
m-Xylene & p-Xylene	ND		0.38	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
Bromoform	ND		0.13	1.0
Isopropylbenzene	ND		0.50	1.0

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: **B70-AS-PW-021706-2**

Lab Sample ID: 360-1679-3
Client Matrix: Water

Date Sampled: 02/17/2006 1320
Date Received: 02/20/2006 1630

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/24/2006 2127
Date Prepared: 02/24/2006 2127

Analysis Batch: 360-3527

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32267.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Bromobenzene	ND		0.079	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
N-Propylbenzene	ND		0.20	1.0
2-Chlorotoluene	ND		0.16	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
4-Chlorotoluene	ND		0.16	1.0
tert-Butylbenzene	ND		0.20	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
sec-Butylbenzene	ND		0.18	1.0
Butyl alcohol, tert-	100		5.0	50
1,3-Dichlorobenzene	ND		0.12	1.0
4-Isopropyltoluene	ND		0.19	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
n-Butylbenzene	ND		0.16	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
Hexachlorobutadiene	ND		0.35	1.0
Naphthalene	ND		0.19	5.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
2,2-Dichloropropane	ND		0.25	1.0
Tert-amyl methyl ether	ND		0.50	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4	100	70 - 130
4-Bromofluorobenzene	103	70 - 130
Dibromofluoromethane	101	70 - 130
Toluene-d8	108	70 - 130

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: **AS-002C-EFF-021706**

Lab Sample ID: 360-1679-4 Date Sampled: 02/17/2006 1445
Client Matrix: Water Date Received: 02/20/2006 1630

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 360-3527 Instrument ID: HP 5890/5972 GC/MS
Preparation: 5030B Lab File ID: V32269.D
Dilution: 1.0 Initial Weight/Volume: 25 mL
Date Analyzed: 02/24/2006 2222 Final Weight/Volume: 25 mL
Date Prepared: 02/24/2006 2222

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	ND		0.50	2.0
Vinyl chloride	ND		0.22	1.0
Bromomethane	ND		1.0	2.0
Chloroethane	ND		0.22	2.0
Trichlorofluoromethane	ND		0.26	1.0
1,1-Dichloroethene	ND		0.20	1.0
Acetone	73		3.8	50
Methylene Chloride	ND		0.50	2.0
trans-1,2-Dichloroethene	ND		0.21	1.0
Methyl tert-butyl ether	ND		0.30	1.0
1,1-Dichloroethane	ND		0.18	1.0
cis-1,2-Dichloroethene	ND		0.39	1.0
Methyl Ethyl Ketone	ND		1.9	10
Chlorobromomethane	ND		0.12	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1-Dichloropropene	ND		0.22	1.0
Carbon tetrachloride	ND		0.24	1.0
Benzene	ND		0.14	1.0
1,2-Dichloroethane	ND		0.083	1.0
Trichloroethene	0.82	J	0.19	1.0
1,2-Dichloropropane	ND		0.17	1.0
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
methyl isobutyl ketone	ND		1.0	10
Toluene	ND		0.50	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
1,1,2-Trichloroethane	ND		0.069	1.0
Tetrachloroethene	ND		0.14	1.0
1,3-Dichloropropane	ND		0.072	1.0
2-Hexanone	ND		2.1	10
Chlorodibromomethane	ND		0.087	1.0
Ethylene Dibromide	ND		0.092	1.0
Chlorobenzene	ND		0.15	1.0
1,4-Dioxane	ND		6.7	50
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
Ethylbenzene	ND		0.18	1.0
m-Xylene & p-Xylene	ND		0.38	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0
Bromoform	ND		0.13	1.0
Isopropylbenzene	ND		0.50	1.0

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-EFF-021706

Lab Sample ID: 360-1679-4
Client Matrix: Water

Date Sampled: 02/17/2006 1445
Date Received: 02/20/2006 1630

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/24/2006 2222
Date Prepared: 02/24/2006 2222

Analysis Batch: 360-3527

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32269.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Bromobenzene	ND		0.079	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
N-Propylbenzene	ND		0.20	1.0
2-Chlorotoluene	ND		0.16	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
4-Chlorotoluene	ND		0.16	1.0
tert-Butylbenzene	ND		0.20	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
sec-Butylbenzene	ND		0.18	1.0
Butyl alcohol, tert-	47	J	5.0	50
1,3-Dichlorobenzene	ND		0.12	1.0
4-Isopropyltoluene	ND		0.19	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
n-Butylbenzene	ND		0.16	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
Hexachlorobutadiene	ND		0.35	1.0
Naphthalene	ND		0.19	5.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
2,2-Dichloropropane	ND		0.25	1.0
Tert-amyl methyl ether	ND		0.50	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4	99	70 - 130
4-Bromofluorobenzene	108	70 - 130
Dibromofluoromethane	101	70 - 130
Toluene-d8	107	70 - 130

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-INF-021706

Lab Sample ID: 360-1679-1 Date Sampled: 02/17/2006 1110
Client Matrix: Water Date Received: 02/20/2006 1630

8270C Semivolatile Organic Compounds by GCMS - Low Levels

Method: 8270C Analysis Batch: 360-3836 Instrument ID: NO EQUIPMENT
Preparation: 3510C Prep Batch: 360-3490 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 970 mL
Date Analyzed: 03/02/2006 0000 Final Weight/Volume: 1 mL
Date Prepared: 02/24/2006 1505 Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,2'-oxybis(2-chloropropane)	ND		0.21	5.2

Method: 8270C Analysis Batch: 360-3548 Instrument ID: Agilent 6890/5973 GC/MS
Preparation: 3510C Prep Batch: 360-3490 Lab File ID: B4064.D
Dilution: 1.0 Initial Weight/Volume: 970 mL
Date Analyzed: 03/02/2006 2148 Final Weight/Volume: 1 mL
Date Prepared: 02/24/2006 1505 Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthylene	ND		0.26	0.31
Acenaphthene	ND		0.19	1.0
Benzo[a]anthracene	ND		0.19	0.31
Benzo[b]fluoranthene	ND		0.19	0.31
Benzo[k]fluoranthene	ND	*	0.16	0.31
2,4,6-Trichlorophenol	ND	*	0.60	5.2
Benzo[a]pyrene	ND		0.21	0.21
2,4,5-Trichlorophenol	ND		0.46	5.2
Benzo[g,h,i]perylene	ND	*	0.15	0.52
Bis(2-chloroethyl)ether	ND		5.2	5.2
2,4-Dichlorophenol	ND		0.60	5.2
2,4-Dinitrophenol	ND	*	0.52	5.2
1,3-Dichlorobenzene	ND	*	0.20	5.2
1,4-Dichlorobenzene	ND	*	0.20	5.2
1,2-Dichlorobenzene	ND		0.21	5.2
N-Nitrosodi-n-propylamine	ND		0.21	5.2
Hexachloroethane	ND	*	0.23	5.2
2,4-Dimethylphenol	ND		0.53	5.2
Nitrobenzene	ND		0.26	5.2
Bis(2-chloroethoxy)methane	ND		5.2	5.2
1,2,4-Trichlorobenzene	ND		0.24	5.2
Isophorone	ND		0.27	5.2
2-Chlorophenol	ND		0.36	5.2
Hexachlorobutadiene	ND	*	0.22	0.62
Naphthalene	3.6		0.22	1.0
2-Methylphenol	0.77	J	0.42	5.2
4-Chloroaniline	ND		0.16	5.2
2-Nitrophenol	4.1	J	0.58	5.2
Hexachlorocyclopentadiene	ND	*	0.33	5.2
2-Methylnaphthalene	0.26	J	0.26	1.0
2-Nitroaniline	ND		0.22	5.2
3 & 4 Methylphenol	ND		0.40	5.2
2-Chloronaphthalene	ND		0.23	5.2

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-INF-021706

Lab Sample ID: 360-1679-1 Date Sampled: 02/17/2006 1110
Client Matrix: Water Date Received: 02/20/2006 1630

8270C Semivolatile Organic Compounds by GCMS - Low Levels

Method: 8270C Analysis Batch: 360-3548 Instrument ID: Agilent 6890/5973 GC/MS
Preparation: 3510C Prep Batch: 360-3490 Lab File ID: B4064.D
Dilution: 1.0 Initial Weight/Volume: 970 mL
Date Analyzed: 03/02/2006 2148 Final Weight/Volume: 1 mL
Date Prepared: 02/24/2006 1505 Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,6-Dinitrotoluene	ND		0.25	5.2
3-Nitroaniline	ND		0.14	5.2
Dimethyl phthalate	ND		0.24	5.2
2,4-Dinitrotoluene	ND		0.25	5.2
4,6-Dinitro-2-methylphenol	ND		0.40	5.2
Dibenzofuran	ND		0.21	5.2
4-Nitrophenol	1.8	J *	0.31	5.2
Fluorene	ND		0.24	1.0
4-Chloro-3-methylphenol	ND		0.56	5.2
4-Nitroaniline	ND		0.20	5.2
4-Bromophenyl phenyl ether	ND		0.21	5.2
Hexachlorobenzene	ND		0.21	1.0
Diethyl phthalate	0.24	J	0.24	5.2
4-Chlorophenyl phenyl ether	ND		0.21	5.2
N-Nitrosodiphenylamine	ND	*	0.22	5.2
Anthracene	ND		0.22	1.0
Phenanthrene	ND		0.21	0.21
Di-n-butyl phthalate	2.5	J * B	0.21	5.2
Fluoranthene	ND		0.24	1.0
Pyrene	ND		0.22	5.2
Butyl benzyl phthalate	ND		0.28	5.2
Chrysene	ND		0.19	1.0
3,3'-Dichlorobenzidine	ND	*	0.51	5.2
Bis(2-ethylhexyl) phthalate	1.6	J * B	0.13	5.2
Di-n-octyl phthalate	ND		0.15	5.2
Indeno[1,2,3-cd]pyrene	ND		0.20	0.52
Dibenz(a,h)anthracene	ND		0.18	0.52
Pentachlorophenol	ND		0.40	5.2
Phenol	ND	*	0.28	5.2

Surrogate	%Rec		Acceptance Limits
2,4,6-Tribromophenol	35		15 - 110
2-Fluorobiphenyl	66		30 - 130
2-Fluorophenol	11	*	15 - 110
Nitrobenzene-d5	62		30 - 130
Phenol-d5	15		15 - 110
Terphenyl-d14	81		30 - 130

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-INF-021706

Lab Sample ID: 360-1679-1 Date Sampled: 02/17/2006 1110
Client Matrix: Water Date Received: 02/20/2006 1630

608 Organochlorine Pesticides/PCBs in Water

Method: 608 Analysis Batch: 360-3789 Instrument ID: 5890II GC w/ dual ECDs
Preparation: CWA_Prep Prep Batch: 360-3487 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 970 mL
Date Analyzed: 02/27/2006 1614 Final Weight/Volume: 5.0 mL
Date Prepared: 02/24/2006 1446 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

Method: 608 Analysis Batch: 360-3789 Instrument ID: 5890II GC w/ dual ECDs
Preparation: CWA_Prep Prep Batch: 360-3487 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 970 mL
Date Analyzed: 02/27/2006 1614 Final Weight/Volume: 5.0 mL
Date Prepared: 02/24/2006 1446 Injection Volume:
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	30 - 150
Tetrachloro-m-xylene	108	30 - 150

Method: 608 Analysis Batch: 360-3786 Instrument ID: 6890 GC w/ dual
Preparation: CWA_Prep Prep Batch: 360-3487 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 970 mL
Date Analyzed: 03/01/2006 0205 Final Weight/Volume: 5.0 mL
Date Prepared: 02/24/2006 1446 Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.035	0.10
4,4'-DDE	ND		0.033	0.10
4,4'-DDT	ND		0.044	0.10
Aldrin	ND		0.029	0.10
alpha-BHC	ND		0.029	0.10
beta-BHC	ND		0.021	0.10
Chlordane (technical)	ND		5.2	5.2
delta-BHC	ND		0.021	0.10
Dieldrin	ND		0.039	0.10
Endosulfan I	ND		0.036	0.10
Endosulfan II	ND		0.038	0.10
Endosulfan sulfate	ND		0.034	0.10
Endrin	ND		0.053	0.10
gamma-BHC (Lindane)	ND	*	0.028	0.10
Endrin aldehyde	ND		0.034	0.10

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: **AS-002C-INF-021706**

Lab Sample ID: 360-1679-1
Client Matrix: Water

Date Sampled: 02/17/2006 1110
Date Received: 02/20/2006 1630

608 Organochlorine Pesticides/PCBs in Water

Method: 608
Preparation: CWA_Prep
Dilution: 1.0
Date Analyzed: 03/01/2006 0205
Date Prepared: 02/24/2006 1446

Analysis Batch: 360-3786
Prep Batch: 360-3487

Instrument ID: 6890 GC w/ dual
Lab File ID: N/A
Initial Weight/Volume: 970 mL
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Heptachlor	ND		0.032	0.10
Heptachlor epoxide	ND		0.035	0.10
Toxaphene	ND		5.2	5.2
Methoxychlor	ND		5.2	5.2

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	30 - 150
Tetrachloro-m-xylene	80	30 - 150

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-INF-021706

Lab Sample ID: 360-1679-1
Client Matrix: Water

Date Sampled: 02/17/2006 1110
Date Received: 02/20/2006 1630

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

Method: 8011
Preparation: 8011
Dilution: 1.0
Date Analyzed: 03/01/2006 2001
Date Prepared: 03/01/2006 0948

Analysis Batch: 360-3756
Prep Batch: 360-3760

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1421.D
Initial Weight/Volume: 26.82 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylene Dibromide	ND		0.023	0.026

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: **B70-AS-PW-021706-1**

Lab Sample ID: 360-1679-2
Client Matrix: Water

Date Sampled: 02/17/2006 1130
Date Received: 02/20/2006 1630

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

Method: 8011
Preparation: 8011
Dilution: 1.0
Date Analyzed: 03/01/2006 2017
Date Prepared: 03/01/2006 0948

Analysis Batch: 360-3756
Prep Batch: 360-3760

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1422.D
Initial Weight/Volume: 27.34 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylene Dibromide	ND		0.023	0.026

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: **B70-AS-PW-021706-2**

Lab Sample ID: 360-1679-3
Client Matrix: Water

Date Sampled: 02/17/2006 1320
Date Received: 02/20/2006 1630

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

Method: 8011
Preparation: 8011
Dilution: 1.0
Date Analyzed: 03/01/2006 2032
Date Prepared: 03/01/2006 0948

Analysis Batch: 360-3756
Prep Batch: 360-3760

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1423.D
Initial Weight/Volume: 26.23 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylene Dibromide	ND		0.024	0.027

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-EFF-021706

Lab Sample ID: 360-1679-4
Client Matrix: Water

Date Sampled: 02/17/2006 1445
Date Received: 02/20/2006 1630

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

Method: 8011
Preparation: 8011
Dilution: 1.0
Date Analyzed: 03/01/2006 2048
Date Prepared: 03/01/2006 0948

Analysis Batch: 360-3756
Prep Batch: 360-3760

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1424.D
Initial Weight/Volume: 26.53 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylene Dibromide	ND		0.024	0.026

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-INF-021706

Lab Sample ID:	360-1679-1	Date Sampled:	02/17/2006 1110
Client Matrix:	Water	Date Received:	02/20/2006 1630

200.7 Appx C ICP Metals by 200.7 CWA

Method:	200.7 Appx C	Analysis Batch: 360-3609		Instrument ID:	Thermo Jarrell Ash
Preparation:	200.7 Appx C	Prep Batch: 360-3514		Lab File ID:	JAN2006
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/01/2006 1055			Final Weight/Volume:	50 mL
Date Prepared:	02/27/2006 1004				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Boron	4.8	J	1.1	10
Calcium	50000		31	400
Iron	6200		14	100
Potassium	6800		1400	4000
Magnesium	12000		140	400
Sodium	52000		1300	2000

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-INF-021706

Lab Sample ID:	360-1679-1	Date Sampled:	02/17/2006 1110
Client Matrix:	Water	Date Received:	02/20/2006 1630

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch: 360-3674	Instrument ID: Perkin Elmer Elan
Preparation:	4.3.1	Prep Batch: 360-3507	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 1420		Final Weight/Volume: 50 mL
Date Prepared:	02/27/2006 0839		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	ND		0.23	1.0
Arsenic	6.7		0.29	1.0
Barium	82	*	0.40	1.0
Beryllium	ND	*	0.41	1.0
Cadmium	ND		0.31	1.0
Cobalt	5.6		0.23	1.0
Chromium	35		0.26	1.0
Copper	18		1.0	1.0
Lead	3.0		0.72	1.0
Selenium	1.8		0.58	1.0
Thallium	ND		0.55	1.0
Vanadium	7.5		0.34	1.0

Method:	200.8	Analysis Batch: 360-3812	Instrument ID: Perkin Elmer Elan
Preparation:	4.3.1	Prep Batch: 360-3507	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/08/2006 1516		Final Weight/Volume: 50 mL
Date Prepared:	02/27/2006 0839		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Antimony	2.0		0.32	1.0

Method:	200.8	Analysis Batch: 360-3674	Instrument ID: Perkin Elmer Elan
Preparation:	4.3.1	Prep Batch: 360-3507	Lab File ID: N/A
Dilution:	2.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 1428		Final Weight/Volume: 50 mL
Date Prepared:	02/27/2006 0839		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Nickel	190		2.0	2.0
Zinc	180		5.0	5.0

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Client Sample ID: AS-002C-INF-021706

Lab Sample ID:	360-1679-1	Date Sampled:	02/17/2006 1110
Client Matrix:	Water	Date Received:	02/20/2006 1630

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch: 360-3674		Instrument ID:	Perkin Elmer Elan
Preparation:	4.3.1	Prep Batch: 360-3507		Lab File ID:	N/A
Dilution:	50			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1432			Final Weight/Volume:	50 mL
Date Prepared:	02/27/2006 0839				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	3800		100	250
Manganese	1500		63	100

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 360-3435		Instrument ID:	Leeman Labs
Preparation:	245.1	Prep Batch: 360-3418		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	02/23/2006 1539			Final Weight/Volume:	10 mL
Date Prepared:	02/23/2006 0930				

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

General Chemistry

Client Sample ID: AS-002C-INF-021706

Lab Sample ID: 360-1679-1 Date Sampled: 02/17/2006 1110
Client Matrix: Water Date Received: 02/20/2006 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.12		mg/L	0.0030	0.010	1.0	10-204-00-1-A
	Anly Batch: 360-3482		Date Analyzed	02/22/2006 1429			
	Prep Batch: 360-3392		Date Prepared:	02/22/2006 0910			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	100		mg/L	5.0	5.0	1.0	160.2
	Anly Batch: 360-3468		Date Analyzed	02/22/2006 1340			

DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	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		
	B	Compound was found in the blank and sample.
	*	LCS, LCSD, MS, MSD, MD, or Surrogate 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 Semi VOA		
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
Metals		
	*	LCS, LCSD, MS, MSD, MD, or Surrogate 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.

QUALITY CONTROL RESULTS

Client: Weston Solutions, Inc. Job Number: 360-1679-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:360-3527				
LCS 360-3527/1	Lab Control Spike	Water	8260B	
LCSD 360-3527/2	Lab Control Spike Duplicate	Water	8260B	
MB 360-3527/3	Method Blank	Water	8260B	
360-1679-1	AS-002C-INF-021706	Water	8260B	
360-1679-2	B70-AS-PW-021706-1	Water	8260B	
360-1679-3	B70-AS-PW-021706-2	Water	8260B	
360-1679-4	AS-002C-EFF-021706	Water	8260B	
GC/MS Semi VOA				
Prep Batch: 360-3490				
LCS 360-3490/2-A	Lab Control Spike	Water	3510C	
LCSD 360-3490/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 360-3490/1-A	Method Blank	Water	3510C	
360-1679-1	AS-002C-INF-021706	Water	3510C	
Analysis Batch:360-3548				
LCS 360-3490/2-A	Lab Control Spike	Water	8270C	360-3490
LCSD 360-3490/3-A	Lab Control Spike Duplicate	Water	8270C	360-3490
MB 360-3490/1-A	Method Blank	Water	8270C	360-3490
360-1679-1	AS-002C-INF-021706	Water	8270C	360-3490
Analysis Batch:360-3836				
LCS 360-3490/2-A	Lab Control Spike	Water	8270C	360-3490
LCSD 360-3490/3-A	Lab Control Spike Duplicate	Water	8270C	360-3490
MB 360-3490/1-A	Method Blank	Water	8270C	360-3490
360-1679-1	AS-002C-INF-021706	Water	8270C	360-3490

Client: Weston Solutions, Inc. Job Number: 360-1679-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC Semi VOA				
Prep Batch: 360-3487				
LCS 360-3487/2-A	Lab Control Spike	Water	CWA_Prep	
LCS 360-3487/4-A	Lab Control Spike	Water	CWA_Prep	
LCSD 360-3487/3-A	Lab Control Spike Duplicate	Water	CWA_Prep	
LCSD 360-3487/5-A	Lab Control Spike Duplicate	Water	CWA_Prep	
MB 360-3487/1-A	Method Blank	Water	CWA_Prep	
360-1679-1	AS-002C-INF-021706	Water	CWA_Prep	
Prep Batch: 360-3760				
LCS 360-3760/2-A	Lab Control Spike	Water	8011	
LCSD 360-3760/3-A	Lab Control Spike Duplicate	Water	8011	
MB 360-3760/1-A	Method Blank	Water	8011	
360-1679-1	AS-002C-INF-021706	Water	8011	
360-1679-2	B70-AS-PW-021706-1	Water	8011	
360-1679-3	B70-AS-PW-021706-2	Water	8011	
360-1679-4	AS-002C-EFF-021706	Water	8011	
Analysis Batch:360-3786				
LCS 360-3487/4-A	Lab Control Spike	Water	608	360-3487
LCSD 360-3487/5-A	Lab Control Spike Duplicate	Water	608	360-3487
MB 360-3487/1-A	Method Blank	Water	608	360-3487
360-1679-1	AS-002C-INF-021706	Water	608	360-3487
Analysis Batch:360-3789				
LCS 360-3487/2-A	Lab Control Spike	Water	608	360-3487
LCSD 360-3487/3-A	Lab Control Spike Duplicate	Water	608	360-3487
MB 360-3487/1-A	Method Blank	Water	608	360-3487
360-1679-1	AS-002C-INF-021706	Water	608	360-3487
Analysis Batch:360-3756				
LCS 360-3760/2-A	Lab Control Spike	Water	8011	360-3760
LCSD 360-3760/3-A	Lab Control Spike Duplicate	Water	8011	360-3760
MB 360-3760/1-A	Method Blank	Water	8011	360-3760
360-1679-1	AS-002C-INF-021706	Water	8011	360-3760
360-1679-2	B70-AS-PW-021706-1	Water	8011	360-3760
360-1679-3	B70-AS-PW-021706-2	Water	8011	360-3760
360-1679-4	AS-002C-EFF-021706	Water	8011	360-3760

Client: Weston Solutions, Inc. Job Number: 360-1679-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
Metals				
Prep Batch: 360-3418				
LCS 360-3418/2-A	Lab Control Spike	Water	245.1	
LCSD 360-3418/3-A	Lab Control Spike Duplicate	Water	245.1	
MB 360-3418/1-A	Method Blank	Water	245.1	
360-1679-1	AS-002C-INF-021706	Water	245.1	
Prep Batch: 360-3507				
LCS 360-3507/2-A	Lab Control Spike	Water	4.3.1	
LCSD 360-3507/3-A	Lab Control Spike Duplicate	Water	4.3.1	
MB 360-3507/1-A	Method Blank	Water	4.3.1	
360-1679-1	AS-002C-INF-021706	Water	4.3.1	
Prep Batch: 360-3514				
LCS 360-3514/2-A	Lab Control Spike	Water	200.7 Appx C	
LCSD 360-3514/3-A	Lab Control Spike Duplicate	Water	200.7 Appx C	
MB 360-3514/1-A	Method Blank	Water	200.7 Appx C	
360-1679-1	AS-002C-INF-021706	Water	200.7 Appx C	
Analysis Batch:360-3435				
LCS 360-3418/2-A	Lab Control Spike	Water	245.1	360-3418
LCSD 360-3418/3-A	Lab Control Spike Duplicate	Water	245.1	360-3418
MB 360-3418/1-A	Method Blank	Water	245.1	360-3418
360-1679-1	AS-002C-INF-021706	Water	245.1	360-3418
Analysis Batch:360-3674				
LCS 360-3507/2-A	Lab Control Spike	Water	200.8	360-3507
LCSD 360-3507/3-A	Lab Control Spike Duplicate	Water	200.8	360-3507
MB 360-3507/1-A	Method Blank	Water	200.8	360-3507
360-1679-1	AS-002C-INF-021706	Water	200.8	360-3507
Analysis Batch:360-3812				
LCS 360-3507/2-A	Lab Control Spike	Water	200.8	360-3507
LCSD 360-3507/3-A	Lab Control Spike Duplicate	Water	200.8	360-3507
MB 360-3507/1-A	Method Blank	Water	200.8	360-3507
360-1679-1	AS-002C-INF-021706	Water	200.8	360-3507
Analysis Batch:360-3609				
LCS 360-3514/2-A	Lab Control Spike	Water	200.7 Appx C	360-3514
LCSD 360-3514/3-A	Lab Control Spike Duplicate	Water	200.7 Appx C	360-3514
MB 360-3514/1-A	Method Blank	Water	200.7 Appx C	360-3514
360-1679-1	AS-002C-INF-021706	Water	200.7 Appx C	360-3514

Client: Weston Solutions, Inc. Job Number: 360-1679-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Prep Batch: 360-3392				
LCS 360-3392/2-A	Lab Control Spike	Water	Distillation	
LCSD 360-3392/3-A	Lab Control Spike Duplicate	Water	Distillation	
MB 360-3392/1-A	Method Blank	Water	Distillation	
360-1679-1	AS-002C-INF-021706	Water	Distillation	
Analysis Batch:360-3468				
LCS 360-3468/2	Lab Control Spike	Water	160.2	
LCSD 360-3468/3	Lab Control Spike Duplicate	Water	160.2	
MB 360-3468/1	Method Blank	Water	160.2	
360-1679-1	AS-002C-INF-021706	Water	160.2	
Analysis Batch:360-3482				
LCS 360-3392/2-A	Lab Control Spike	Water	10-204-00-1-A	360-3392
LCSD 360-3392/3-A	Lab Control Spike Duplicate	Water	10-204-00-1-A	360-3392
MB 360-3392/1-A	Method Blank	Water	10-204-00-1-A	360-3392
360-1679-1	AS-002C-INF-021706	Water	10-204-00-1-A	360-3392

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3527

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 360-3527/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1340
Date Prepared: 02/24/2006 1340

Analysis Batch: 360-3527
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32250.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	ND		0.50	2.0
Vinyl chloride	ND		0.22	1.0
Bromomethane	ND		1.0	2.0
Chloroethane	ND		0.22	2.0
Trichlorofluoromethane	ND		0.26	1.0
1,1-Dichloroethene	ND		0.20	1.0
Acetone	ND		3.8	50
Methylene Chloride	ND		0.50	2.0
trans-1,2-Dichloroethene	ND		0.21	1.0
Methyl tert-butyl ether	ND		0.30	1.0
1,1-Dichloroethane	ND		0.18	1.0
cis-1,2-Dichloroethene	ND		0.39	1.0
Methyl Ethyl Ketone	ND		1.9	10
Chlorobromomethane	ND		0.12	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.26	1.0
1,1-Dichloropropene	ND		0.22	1.0
Carbon tetrachloride	ND		0.24	1.0
Benzene	ND		0.14	1.0
1,2-Dichloroethane	ND		0.083	1.0
Trichloroethene	ND		0.19	1.0
1,2-Dichloropropane	ND		0.17	1.0
Dibromomethane	ND		0.11	1.0
Dichlorobromomethane	ND		0.20	1.0
cis-1,3-Dichloropropene	ND		0.50	0.50
methyl isobutyl ketone	ND		1.0	10
Toluene	ND		0.50	1.0
trans-1,3-Dichloropropene	ND		0.50	0.50
1,1,2-Trichloroethane	ND		0.069	1.0
Tetrachloroethene	ND		0.14	1.0
1,3-Dichloropropane	ND		0.072	1.0
2-Hexanone	ND		2.1	10
Chlorodibromomethane	ND		0.087	1.0
Ethylene Dibromide	ND		0.092	1.0
Chlorobenzene	ND		0.15	1.0
1,4-Dioxane	ND		6.7	50
1,1,1,2-Tetrachloroethane	ND		1.0	1.0
Ethylbenzene	ND		0.18	1.0
m-Xylene & p-Xylene	ND		0.38	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.14	1.0

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3527

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 360-3527/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1340
Date Prepared: 02/24/2006 1340

Analysis Batch: 360-3527
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32250.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	RL
Bromoform	ND		0.13	1.0
Isopropylbenzene	ND		0.50	1.0
Bromobenzene	ND		0.079	1.0
1,1,2,2-Tetrachloroethane	ND		0.23	1.0
1,2,3-Trichloropropane	ND		0.13	1.0
N-Propylbenzene	ND		0.20	1.0
2-Chlorotoluene	ND		0.16	1.0
1,3,5-Trimethylbenzene	ND		0.16	1.0
4-Chlorotoluene	ND		0.16	1.0
tert-Butylbenzene	ND		0.20	1.0
1,2,4-Trimethylbenzene	ND		0.17	1.0
sec-Butylbenzene	ND		0.18	1.0
Butyl alcohol, tert-	ND		5.0	50
1,3-Dichlorobenzene	ND		0.12	1.0
4-Isopropyltoluene	ND		0.19	1.0
1,4-Dichlorobenzene	ND		0.16	1.0
n-Butylbenzene	ND		0.16	1.0
1,2-Dichlorobenzene	ND		0.082	1.0
1,2-Dibromo-3-Chloropropane	ND		0.30	5.0
1,2,4-Trichlorobenzene	ND		0.19	1.0
Hexachlorobutadiene	ND		0.35	1.0
Naphthalene	0.21	J	0.19	5.0
1,2,3-Trichlorobenzene	ND		0.29	1.0
2,2-Dichloropropane	ND		0.25	1.0
Tert-amyl methyl ether	ND		0.50	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4	98	70 - 130
4-Bromofluorobenzene	105	70 - 130
Dibromofluoromethane	100	70 - 130
Toluene-d8	105	70 - 130

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3527

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 360-3527/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1218
Date Prepared: 02/24/2006 1218

Analysis Batch: 360-3527
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32247.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-3527/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1245
Date Prepared: 02/24/2006 1245

Analysis Batch: 360-3527
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32248.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	119	117	70 - 130	2	20		
Vinyl chloride	115	106	70 - 130	8	20		
Bromomethane	110	113	70 - 130	3	20		
Chloroethane	112	109	70 - 130	3	20		
Trichlorofluoromethane	123	117	70 - 130	5	20		
Acetone	80	82	70 - 130	2	20		
Methylene Chloride	110	109	70 - 130	0	20		
trans-1,2-Dichloroethene	104	101	70 - 130	3	20		
Methyl tert-butyl ether	96	95	70 - 130	2	20		
1,1-Dichloroethane	112	109	70 - 130	3	20		
cis-1,2-Dichloroethene	111	108	70 - 130	2	20		
Methyl Ethyl Ketone	95	97	70 - 130	2	20		
Chlorobromomethane	113	113	70 - 130	0	20		
Chloroform	103	101	70 - 130	2	20		
1,1,1-Trichloroethane	111	108	70 - 130	3	20		
1,1-Dichloropropene	111	108	70 - 130	3	20		
Carbon tetrachloride	111	107	70 - 130	4	20		
Benzene	106	104	70 - 130	2	20		
1,2-Dichloroethane	98	99	70 - 130	1	20		
Trichloroethene	108	105	70 - 130	3	20		
1,2-Dichloropropane	110	108	70 - 130	2	20		
Dibromomethane	101	102	70 - 130	1	20		
Dichlorobromomethane	104	103	70 - 130	1	20		
cis-1,3-Dichloropropene	107	106	70 - 130	1	20		
methyl isobutyl ketone	108	111	70 - 130	3	20		
Toluene	107	104	70 - 130	3	20		
trans-1,3-Dichloropropene	108	108	70 - 130	0	20		
1,1,2-Trichloroethane	107	108	70 - 130	2	20		
Tetrachloroethene	110	106	70 - 130	3	20		
1,3-Dichloropropane	108	109	70 - 130	1	20		
2-Hexanone	103	106	70 - 130	3	20		
Chlorodibromomethane	108	110	70 - 130	2	20		

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3527

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 360-3527/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1218
Date Prepared: 02/24/2006 1218

Analysis Batch: 360-3527
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32247.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-3527/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1245
Date Prepared: 02/24/2006 1245

Analysis Batch: 360-3527
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32248.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ethylene Dibromide	107	109	70 - 130	2	20		
Chlorobenzene	99	98	70 - 130	2	20		
1,1,1,2-Tetrachloroethane	93	92	70 - 130	1	20		
1,4-Dioxane	122	129	70 - 130	6	20		
Ethylbenzene	102	100	70 - 130	3	20		
o-Xylene	103	101	70 - 130	3	20		
Styrene	103	102	70 - 130	1	20		
Bromoform	92	93	70 - 130	1	20		
Isopropylbenzene	110	107	70 - 130	3	20		
Bromobenzene	98	98	70 - 130	0	20		
1,1,2,2-Tetrachloroethane	92	96	70 - 130	4	20		
1,2,3-Trichloropropane	95	98	70 - 130	3	20		
N-Propylbenzene	106	103	70 - 130	3	20		
2-Chlorotoluene	102	100	70 - 130	2	20		
1,3,5-Trimethylbenzene	105	102	70 - 130	3	20		
4-Chlorotoluene	104	101	70 - 130	3	20		
tert-Butylbenzene	102	100	70 - 130	3	20		
1,2,4-Trimethylbenzene	102	101	70 - 130	1	20		
sec-Butylbenzene	103	100	70 - 130	3	20		
1,3-Dichlorobenzene	99	99	70 - 130	0	20		
Butyl alcohol, tert-	111	113	70 - 130	2	20		
4-Isopropyltoluene	105	103	70 - 130	2	20		
1,4-Dichlorobenzene	95	96	70 - 130	0	20		
n-Butylbenzene	101	99	70 - 130	2	20		
1,2-Dichlorobenzene	95	95	70 - 130	0	20		
1,2-Dibromo-3-Chloropropane	90	94	70 - 130	5	20		
1,2,4-Trichlorobenzene	100	100	70 - 130	0	20		
Hexachlorobutadiene	106	103	70 - 130	3	20		
Naphthalene	102	104	70 - 130	2	20	B	B
1,2,3-Trichlorobenzene	103	107	70 - 130	3	20		
2,2-Dichloropropane	92	90	70 - 130	3	20		
Tert-amyl methyl ether	97	98	70 - 130	1	20		

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3527

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 360-3527/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1218
Date Prepared: 02/24/2006 1218

Analysis Batch: 360-3527
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32247.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 360-3527/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1245
Date Prepared: 02/24/2006 1245

Analysis Batch: 360-3527
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5972 GC/MS
Lab File ID: V32248.D
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4	99	100	70 - 130
4-Bromofluorobenzene	105	106	70 - 130
Dibromofluoromethane	100	100	70 - 130
Toluene-d8	106	105	70 - 130

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3490

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 360-3490/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1352
Date Prepared: 02/24/2006 1505

Analysis Batch: 360-3548
Prep Batch: 360-3490
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4032.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthylene	ND		0.25	0.30
Acenaphthene	ND		0.18	1.0
Benzo[a]anthracene	ND		0.18	0.30
Benzo[b]fluoranthene	ND		0.18	0.30
Benzo[k]fluoranthene	ND		0.16	0.30
Benzo[a]pyrene	ND		0.20	0.20
2,4,6-Trichlorophenol	ND		0.58	5.0
2,4,5-Trichlorophenol	ND		0.45	5.0
Benzo[g,h,i]perylene	ND		0.15	0.50
Bis(2-chloroethyl)ether	ND		5.0	5.0
2,4-Dichlorophenol	ND		0.58	5.0
2,4-Dinitrophenol	ND		0.50	5.0
1,3-Dichlorobenzene	ND		0.19	5.0
1,4-Dichlorobenzene	ND		0.19	5.0
1,2-Dichlorobenzene	ND		0.20	5.0
N-Nitrosodi-n-propylamine	ND		0.20	5.0
Hexachloroethane	ND		0.22	5.0
2,4-Dimethylphenol	ND		0.51	5.0
Nitrobenzene	ND		0.25	5.0
Bis(2-chloroethoxy)methane	ND		5.0	5.0
1,2,4-Trichlorobenzene	ND		0.23	5.0
Isophorone	ND		0.26	5.0
Hexachlorobutadiene	ND		0.21	0.60
2-Chlorophenol	ND		0.35	5.0
Naphthalene	ND		0.21	1.0
2-Methylphenol	ND		0.41	5.0
2-Nitrophenol	ND		0.56	5.0
4-Chloroaniline	ND		0.16	5.0
Hexachlorocyclopentadiene	ND		0.32	5.0
2-Methylnaphthalene	ND		0.25	1.0
3 & 4 Methylphenol	ND		0.39	5.0
2-Nitroaniline	ND		0.21	5.0
2-Chloronaphthalene	ND		0.22	5.0
2,6-Dinitrotoluene	ND		0.24	5.0
3-Nitroaniline	ND		0.14	5.0
Dimethyl phthalate	ND		0.23	5.0
2,4-Dinitrotoluene	ND		0.24	5.0
4,6-Dinitro-2-methylphenol	ND		0.39	5.0
Dibenzofuran	ND		0.20	5.0
Fluorene	ND		0.23	1.0
4-Nitrophenol	ND		0.30	5.0

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3490

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 360-3490/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1352
Date Prepared: 02/24/2006 1505

Analysis Batch: 360-3548
Prep Batch: 360-3490
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4032.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
4-Nitroaniline	ND		0.19	5.0
4-Chloro-3-methylphenol	ND		0.54	5.0
4-Bromophenyl phenyl ether	ND		0.20	5.0
Hexachlorobenzene	ND		0.20	1.0
Diethyl phthalate	ND		0.23	5.0
4-Chlorophenyl phenyl ether	ND		0.20	5.0
N-Nitrosodiphenylamine	ND		0.21	5.0
Anthracene	ND		0.21	1.0
Phenanthrene	ND		0.20	0.20
Di-n-butyl phthalate	4.1	J	0.20	5.0
Fluoranthene	ND		0.23	1.0
Pyrene	ND		0.21	5.0
Butyl benzyl phthalate	ND		0.27	5.0
Chrysene	ND		0.18	1.0
3,3'-Dichlorobenzidine	ND		0.49	5.0
Bis(2-ethylhexyl) phthalate	1.4	J	0.13	5.0
Di-n-octyl phthalate	ND		0.15	5.0
Indeno[1,2,3-cd]pyrene	ND		0.19	0.50
Dibenz(a,h)anthracene	ND		0.17	0.50
Pentachlorophenol	ND		0.39	5.0
Phenol	ND		0.27	5.0

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	40	15 - 110
2-Fluorobiphenyl	79	30 - 130
2-Fluorophenol	28	15 - 110
Nitrobenzene-d5	74	30 - 130
Phenol-d5	17	15 - 110
Terphenyl-d14	96	30 - 130

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3490

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 360-3490/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 0000
Date Prepared: 02/24/2006 1505

Analysis Batch: 360-3836
Prep Batch: 360-3490
Units: ug/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
2,2'-oxybis(2-chloropropane)	ND		0.20	5.0

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3490

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 360-3490/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1418
Date Prepared: 02/24/2006 1505

Analysis Batch: 360-3548
Prep Batch: 360-3490
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4033.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 360-3490/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1445
Date Prepared: 02/24/2006 1505

Analysis Batch: 360-3548
Prep Batch: 360-3490
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4034.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acenaphthylene	112	115	40 - 140	3	20		
Acenaphthene	107	109	40 - 140	2	20		
Benzo[a]anthracene	108	112	40 - 140	4	20		
Benzo[b]fluoranthene	121	126	40 - 140	4	20		
Benzo[k]fluoranthene	142	144	40 - 140	2	20	*	*
2,4,6-Trichlorophenol	128	131	30 - 130	3	20		*
2,4,5-Trichlorophenol	107	114	30 - 130	7	20		
Benzo[g,h,i]perylene	78	73	40 - 140	6	20		
2,4-Dichlorophenol	109	113	30 - 130	3	20		
Bis(2-chloroethyl)ether	100	104	40 - 140	4	20		
1,3-Dichlorobenzene	78	87	40 - 140	11	20		
2,4-Dinitrophenol	54	60	30 - 130	11	20		
1,4-Dichlorobenzene	78	86	40 - 140	10	20		
1,2-Dichlorobenzene	83	90	40 - 140	8	20		
N-Nitrosodi-n-propylamine	107	112	40 - 140	5	20		
2,4-Dimethylphenol	111	111	30 - 130	0	20		
Hexachloroethane	74	85	40 - 140	15	20		
Nitrobenzene	107	112	40 - 140	4	20		
Bis(2-chloroethoxy)methane	111	115	40 - 140	4	20		
1,2,4-Trichlorobenzene	86	94	40 - 140	9	20		
Isophorone	112	115	40 - 140	3	20		
2-Chlorophenol	98	97	40 - 130	0	20		
Hexachlorobutadiene	78	89	40 - 140	13	20		
2-Methylphenol	76	72	30 - 130	6	20		
Naphthalene	98	105	40 - 140	6	20		
2-Nitrophenol	87	93	30 - 130	6	20		
4-Chloroaniline	111	113	40 - 140	2	20		
Hexachlorocyclopentadiene	48	59	40 - 140	21	20	J	*
2-Methylnaphthalene	103	108	40 - 140	5	20		
2-Nitroaniline	108	111	40 - 140	3	20		
3 & 4 Methylphenol	67	61	30 - 130	10	20		
2-Chloronaphthalene	103	107	40 - 140	3	20		

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3490

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 360-3490/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1418
Date Prepared: 02/24/2006 1505

Analysis Batch: 360-3548
Prep Batch: 360-3490
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4033.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 360-3490/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1445
Date Prepared: 02/24/2006 1505

Analysis Batch: 360-3548
Prep Batch: 360-3490
Units: ug/L

Instrument ID: Agilent 6890/5973 GC/MS
Lab File ID: B4034.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,6-Dinitrotoluene	116	119	40 - 140	3	20		
3-Nitroaniline	89	89	40 - 140	0	20		
Dimethyl phthalate	118	120	40 - 140	2	20		
2,4-Dinitrotoluene	109	113	40 - 140	4	20		
4,6-Dinitro-2-methylphenol	77	83	30 - 130	8	20		
Dibenzofuran	111	114	40 - 140	3	20		
4-Nitrophenol	13	28	30 - 130	71	20	J *	J *
Fluorene	110	112	40 - 140	2	20		
4-Chloro-3-methylphenol	122	120	30 - 130	1	20		
4-Nitroaniline	88	87	40 - 140	1	20		
4-Bromophenyl phenyl ether	123	125	40 - 140	2	20		
Hexachlorobenzene	120	122	40 - 140	1	20		
Diethyl phthalate	115	118	40 - 140	2	20		
4-Chlorophenyl phenyl ether	110	109	40 - 140	1	20		
N-Nitrosodiphenylamine	70	70	40 - 140	0	20		
Anthracene	118	120	40 - 140	1	20		
Phenanthrene	116	118	40 - 140	1	20		
Di-n-butyl phthalate	145	145	40 - 140	0	20	*	*
Fluoranthene	128	128	40 - 140	0	20		
Pyrene	118	117	40 - 140	1	20		
Butyl benzyl phthalate	113	115	40 - 140	2	20		
Chrysene	119	122	40 - 140	3	20		
Bis(2-ethylhexyl) phthalate	147	151	40 - 140	3	20	*	*
Di-n-octyl phthalate	123	125	40 - 140	2	20		
Indeno[1,2,3-cd]pyrene	88	86	40 - 140	3	20		
Dibenz(a,h)anthracene	83	80	40 - 140	3	20		
Pentachlorophenol	98	107	30 - 130	8	20		
Phenol	26	24	30 - 130	11	20	J *	J *

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3490

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 360-3490/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 0000
Date Prepared: 02/24/2006 1505

Analysis Batch: 360-3836
Prep Batch: 360-3490
Units: ug/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 360-3490/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 0000
Date Prepared: 02/24/2006 1505

Analysis Batch: 360-3836
Prep Batch: 360-3490
Units: ug/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,2'-oxybis(2-chloropropane)	102	104	40 - 140	1	20		

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3487

Method: 608
Preparation: CWA_Prep

Lab Sample ID: MB 360-3487/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1511
Date Prepared: 02/24/2006 1446

Analysis Batch: 360-3789
Prep Batch: 360-3487
Units: ug/L

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: N/A
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	85	30 - 150
Tetrachloro-m-xylene	85	30 - 150

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3487

Method: 608
Preparation: CWA_Prep

Lab Sample ID: MB 360-3487/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 0105
Date Prepared: 02/24/2006 1446

Analysis Batch: 360-3786
Prep Batch: 360-3487
Units: ug/L

Instrument ID: 6890 GC w/ dual micro-ECI
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	ND		0.034	0.10
4,4'-DDE	ND		0.032	0.10
4,4'-DDT	ND		0.043	0.10
Aldrin	ND		0.028	0.10
alpha-BHC	ND		0.028	0.10
beta-BHC	ND		0.020	0.10
Chlordane (technical)	ND		5.0	5.0
delta-BHC	ND		0.020	0.10
Dieldrin	ND		0.038	0.10
Endosulfan I	ND		0.035	0.10
Endosulfan II	ND		0.037	0.10
Endosulfan sulfate	ND		0.033	0.10
Endrin	ND		0.051	0.10
gamma-BHC (Lindane)	ND		0.027	0.10
Endrin aldehyde	ND		0.033	0.10
Heptachlor	ND		0.031	0.10
Heptachlor epoxide	ND		0.034	0.10
Toxaphene	ND		5.0	5.0
Methoxychlor	ND		5.0	5.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	106	30 - 150
Tetrachloro-m-xylene	95	30 - 150

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3487

Method: 608
Preparation: CWA_Prep

LCS Lab Sample ID: LCS 360-3487/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1532
Date Prepared: 02/24/2006 1446

Analysis Batch: 360-3789
Prep Batch: 360-3487
Units: ug/L

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

LCSD Lab Sample ID: LCSD 360-3487/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1553
Date Prepared: 02/24/2006 1446

Analysis Batch: 360-3789
Prep Batch: 360-3487
Units: ug/L

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

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	91	94	30 - 130	4	50		
PCB-1260	96	97	8 - 127	0	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	83	30 - 150
Tetrachloro-m-xylene	81		30 - 150

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3487

Method: 608
Preparation: CWA_Prep

LCS Lab Sample ID: LCS 360-3487/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 0125
Date Prepared: 02/24/2006 1446

Analysis Batch: 360-3786
Prep Batch: 360-3487
Units: ug/L

Instrument ID: 6890 GC w/ dual micro-EC
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 360-3487/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 0145
Date Prepared: 02/24/2006 1446

Analysis Batch: 360-3786
Prep Batch: 360-3487
Units: ug/L

Instrument ID: 6890 GC w/ dual micro-E
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
4,4'-DDD	93	101	31 - 141	9	50		
4,4'-DDE	95	103	30 - 145	8	50		
4,4'-DDT	84	92	25 - 160	9	50		
Aldrin	96	100	30 - 130	5	50		
alpha-BHC	97	100	37 - 134	3	50		
beta-BHC	93	98	17 - 147	5	50		
delta-BHC	96	105	32 - 127	9	50		
Dieldrin	100	106	30 - 130	6	50		
Endosulfan I	99	105	30 - 130	6	50		
Endosulfan II	105	112	30 - 130	7	50		
Endosulfan sulfate	101	110	30 - 130	9	50		
Endrin	98	107	30 - 130	9	50		
gamma-BHC (Lindane)	98	101	19 - 140	3	50		
Endrin aldehyde	87	94	30 - 130	7	50		
Heptachlor	89	95	34 - 111	6	50		
Heptachlor epoxide	97	102	37 - 142	6	50		
Methoxychlor	77	84	30 - 130	9	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	95	105	30 - 150
Tetrachloro-m-xylene	94	97	30 - 150

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3760

Method: 8011
Preparation: 8011

Lab Sample ID: MB 360-3760/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1757
Date Prepared: 03/01/2006 0948

Analysis Batch: 360-3756
Prep Batch: 360-3760
Units: ug/L

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1413.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: 360-3760

Method: 8011
Preparation: 8011

LCS Lab Sample ID: LCS 360-3760/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1812
Date Prepared: 03/01/2006 0948

Analysis Batch: 360-3756
Prep Batch: 360-3760
Units: ug/L

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1414.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 360-3760/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1828
Date Prepared: 03/01/2006 0948

Analysis Batch: 360-3756
Prep Batch: 360-3760
Units: ug/L

Instrument ID: 5890II GC w/ dual ECDs
Lab File ID: H1415.D
Initial Weight/Volume: 35 mL
Final Weight/Volume: 35 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ethylene Dibromide	92	93	60 - 140	1	20		

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3514

Method: 200.7 Appx C
Preparation: 200.7 Appx C

Lab Sample ID: MB 360-3514/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1045
Date Prepared: 02/27/2006 1004

Analysis Batch: 360-3609
Prep Batch: 360-3514
Units: ug/L

Instrument ID: Thermo Jarrell Ash 61E IC/
Lab File ID: JAN2006
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Boron	ND		1.1	10
Calcium	ND		31	400
Iron	ND		14	100
Potassium	ND		1400	4000
Magnesium	ND		140	400
Sodium	ND		1300	2000

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3514

Method: 200.7 Appx C
Preparation: 200.7 Appx C

LCS Lab Sample ID: LCS 360-3514/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1049
Date Prepared: 02/27/2006 1004

Analysis Batch: 360-3609
Prep Batch: 360-3514
Units: ug/L

Instrument ID: Thermo Jarrell Ash 61E IC/
Lab File ID: JAN2006
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 360-3514/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1052
Date Prepared: 02/27/2006 1004

Analysis Batch: 360-3609
Prep Batch: 360-3514
Units: ug/L

Instrument ID: Thermo Jarrell Ash 61E I
Lab File ID: JAN2006
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Boron	93	96	85 - 115	3	20		
Calcium	97	97	85 - 115	0	20		
Iron	98	99	85 - 115	0	20		
Potassium	101	90	85 - 115	11	20		
Magnesium	97	97	85 - 115	0	20		
Sodium	95	96	85 - 115	1	20		

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

Method Blank - Batch: 360-3507

Method: 200.8
Preparation: 4.3.1

Lab Sample ID: MB 360-3507/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1403
Date Prepared: 02/27/2006 0839

Analysis Batch: 360-3674
Prep Batch: 360-3507
Units: ug/L

Instrument ID: Perkin Elmer Elan 6100PE
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Silver	ND		0.23	1.0
Aluminum	ND		2.1	5.0
Arsenic	ND		0.29	1.0
Barium	ND		0.40	1.0
Beryllium	ND		0.41	1.0
Cadmium	ND		0.31	1.0
Cobalt	ND		0.23	1.0
Chromium	ND		0.26	1.0
Copper	ND		1.0	1.0
Manganese	ND		1.3	2.0
Nickel	ND		1.0	1.0
Lead	ND		0.72	1.0
Selenium	ND		0.58	1.0
Thallium	ND		0.55	1.0
Vanadium	ND		0.34	1.0
Zinc	ND		2.5	2.5

Method Blank - Batch: 360-3507

Method: 200.8
Preparation: 4.3.1

Lab Sample ID: MB 360-3507/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/08/2006 1501
Date Prepared: 02/27/2006 0839

Analysis Batch: 360-3812
Prep Batch: 360-3507
Units: ug/L

Instrument ID: Perkin Elmer Elan 6100PE
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Antimony	ND		0.32	1.0

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3507

Method: 200.8
Preparation: 4.3.1

LCS Lab Sample ID: LCS 360-3507/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1406
Date Prepared: 02/27/2006 0839

Analysis Batch: 360-3674
Prep Batch: 360-3507
Units: ug/L

Instrument ID: Perkin Elmer Elan 6100PE
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 360-3507/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1408
Date Prepared: 02/27/2006 0839

Analysis Batch: 360-3674
Prep Batch: 360-3507
Units: ug/L

Instrument ID: Perkin Elmer Elan 6100P
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silver	106	99	85 - 115	6	20		
Aluminum	90	89	85 - 115	2	20		
Arsenic	96	94	85 - 115	2	20		
Barium	166	101	85 - 115	48	20	*	*
Beryllium	88	82	85 - 115	6	20		*
Cadmium	100	96	85 - 115	4	20		
Cobalt	108	109	85 - 115	0	20		
Chromium	107	105	85 - 115	1	20		
Copper	101	101	85 - 115	0	20		
Manganese	108	107	85 - 115	1	20		
Nickel	102	102	85 - 115	0	20		
Lead	108	102	85 - 115	5	20		
Selenium	90	95	85 - 115	6	20		
Thallium	108	102	85 - 115	6	20		
Vanadium	107	105	85 - 115	2	20		
Zinc	93	92	85 - 115	1	20		

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3507

Method: 200.8
Preparation: 4.3.1

LCS Lab Sample ID: LCS 360-3507/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/08/2006 1504
Date Prepared: 02/27/2006 0839

Analysis Batch: 360-3812
Prep Batch: 360-3507
Units: ug/L

Instrument ID: Perkin Elmer Elan 6100PE
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 360-3507/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/08/2006 1507
Date Prepared: 02/27/2006 0839

Analysis Batch: 360-3812
Prep Batch: 360-3507
Units: ug/L

Instrument ID: Perkin Elmer Elan 6100P
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Antimony	84	98	85 - 115	14	20		

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3418

Method: 245.1
Preparation: 245.1

Lab Sample ID: MB 360-3418/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2006 1520
Date Prepared: 02/23/2006 0930

Analysis Batch: 360-3435
Prep Batch: 360-3418
Units: ug/L

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

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.13	0.20

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3418

Method: 245.1
Preparation: 245.1

LCS Lab Sample ID: LCS 360-3418/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2006 1522
Date Prepared: 02/23/2006 0930

Analysis Batch: 360-3435
Prep Batch: 360-3418
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 360-3418/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2006 1524
Date Prepared: 02/23/2006 0930

Analysis Batch: 360-3435
Prep Batch: 360-3418
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. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	102	102	80 - 120	0	20		

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3392

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

Lab Sample ID: MB 360-3392/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2006 1429
Date Prepared: 02/22/2006 0910

Analysis Batch: 360-3482
Prep Batch: 360-3392
Units: mg/L

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
Cyanide, Total	ND		0.0030	0.010

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 360-3392

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

LCS Lab Sample ID: LCS 360-3392/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2006 1429
Date Prepared: 02/22/2006 0910

Analysis Batch: 360-3482
Prep Batch: 360-3392
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 360-3392/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2006 1429
Date Prepared: 02/22/2006 0910

Analysis Batch: 360-3482
Prep Batch: 360-3392
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. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Cyanide, Total	99	94	85 - 115	5	20		

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

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Method Blank - Batch: 360-3468

Method: 160.2
Preparation: N/A

Lab Sample ID: MB 360-3468/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2006 1340
Date Prepared: N/A

Analysis Batch: 360-3468
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

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

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Weston Solutions, Inc. Job Number: 360-1679-1

Login Number: 1679

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	

Severn Trent Laboratories, Inc.
Chain of Custody Form

SEVERN TRENT STL 26695

•53 Southampton Road
Westfield, MA 01085
(P) 413-572-4000
(F) 413-572-3707
STL Westfield

•149 Rangeway Road
N. Billerica, MA 01862
(P) 978-667-1400
(F) 978-667-7871
STL Billerica / Service Center

Client: Weston Solutions
Address: 1 Wall Street
Phone: 603 656 5436 Fax: 603 656 5401

Project #: 11621.039.001.2000
Project Manager: Fred Symmes
Work ID: Merrimack Valley Works
Contact: Erik Hall

Job# 360-1679 | Quote# | PO#

Requested Turnaround Time (PLEASE SPECIFY)
STANDARD X
RUSH ____ *(Lab Approval Required)*

Regulatory Classification
NPDES ____ Drinking Water ____
RCRA ____ MCP GW1/S1 ____
Other ____

Special Report Format
QA/QC Report ____
DQE (MCP) Rpt X
DEP Form(s) ____

Shaded areas for office use

Analysis Requested
Check analysis and specify method and analytes in comments section.
For example:
500-series for drinking water
600-series for waste water, NPDES
6000-series for groundwater, soil, waste
8000-series for groundwater, soil, waste
Use comments section to further define.

Comments (Special Instructions)

Please print legibility. If the analytical requests are not clearly defined on the chain-of-custody, the turnaround time will begin after all questions have been satisfactorily answered.

Sample Type Codes
WW-Wastewater DW-Drinking water SW-Surface water
LW-Lab water GW-Groundwater A-Air
S-Solid / Soil SL-Sludge O-Oil Z-Other

Sample ID	Sample Type	Sampler's Initials	Date Time Collected	Grab	Comp.	# Containers	Plastic(P) or Glass(G)	Preservative: NaHSO4/MeOH	HNO3 to pH <2	H2SO4 to pH <2	HCl to pH <2	NaOH to pH >12	Na2S2O3	None / 4° C	Volatiles 524 /624 /8260	Volatiles 601 /602 /8021	Semivoa 525 /625	PCB / Pest / Herbicide	EPH / VPH	DRO / GRO / ETPH	Metals 6010 / 200.7	Mercury 245.1 / 7470-71	General Chemistry	Bacteriological	Toxicity	Oil & Grease / TOC	Radchem / Other
AS-002C-INF-021706	WW	EH	02/17/06 1110	X											X		X	X								TSS, Cyanide, TAL Metals
B70-AS-PW-021706-1	WW	EH	2/17/06 1130	X		4	6								X											
B70-AS-PW-021706-2	WW	EH	1320	X		4	6								X											
AS-002C-EFF-021706	WW	EH	1445	X		4	6								X											

Page 57 of 57

Sampled by (print): Erik Hall
Signature: Erik Hall

Relinquished by: Erik Hall	Date: 02/17/06	Time: 1300	Received by: Jerry Zall	Date: 2/20/06	Time: 1300
Relinquished by: Jerry Zall	Date: 2/20/06	Time: 1630	Received by: [illegible]	Date: 2/20/06	Time: 1630
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Cooler ? Y / N
MADEP Requirement Samples Iced? Y / N
Temp @ receipt: 5.2 °C
Preservation / pH checked? Y / N
By: WAN Date: 2/20/06

STL WESTFIELD

Page ____ of ____

White = Lab file Yellow = Report copy Pink = Customer copy

STL-8245 (1000)

ANALYTICAL REPORT

Job Number: 360-1745-1

SDG Number: 11621.039.001.2000

Job Description: Merrimack Valley Works

For:

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

Attention: Erik Hall

Lisa Worthington
Project Manager II
lworthington@stl-inc.com
03/10/2006

METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 360-1745-1
Sdg Number: 11621.039.001.2000

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Chlorine Residual (DPD)	STL-WES	SM18 4500 CL F	
Chromium, Hexavalent (Colorimetric)	STL-WES	SW846 7196A	
TPH 1664	STL-WES	1664	

LAB REFERENCES:

STL-WES = STL-Westfield

METHOD REFERENCES:

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: 360-1745-1
Sdg Number: 11621.039.001.2000

Method	Analyst	Analyst ID
SM18 4500 CL F	Sullivan, Pat	PS
SW846 7196A	Mathisen, Kim	KM

SAMPLE SUMMARY

Client: Weston Solutions, Inc.

Job Number: 360-1745-1
Sdg Number: 11621.039.001.2000

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-1745-1	AS-002C-INF-022206	Water	02/22/2006 1145	02/22/2006 1650

SAMPLE RESULTS

Client: Weston Solutions, Inc.

Job Number: 360-1745-1
Sdg Number: 11621.039.001.2000

General Chemistry

Client Sample ID: AS-002C-INF-022206

Lab Sample ID: 360-1745-1
Client Matrix: Water

Date Sampled: 02/22/2006 1145
Date Received: 02/22/2006 1650

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Chlorine	ND		mg/L	0.050	0.050	1.0	4500 CL F
Anly Batch: 360-3427	Date Analyzed 02/23/2006 1630						
Cr (VI)	ND		mg/L	0.0050	0.0050	1.0	7196A
Anly Batch: 360-3478	Date Analyzed 02/23/2006 0840						

QUALITY CONTROL RESULTS

Client: Weston Solutions, Inc.

Job Number: 360-1745-1
Sdg Number: 11621.039.001.2000

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:360-3427				
360-1745-1	AS-002C-INF-022206	Water	4500 CL F	
Analysis Batch:360-3478				
LCS 360-3478/2	Lab Control Spike	Water	7196A	
LCSD 360-3478/3	Lab Control Spike Duplicate	Water	7196A	
MB 360-3478/1	Method Blank	Water	7196A	
360-1745-1	AS-002C-INF-022206	Water	7196A	

Client: Weston Solutions, Inc.

Job Number: 360-1745-1
Sdg Number: 11621.039.001.2000

Method Blank - Batch: 360-3478

Method: 7196A
Preparation: N/A

Lab Sample ID: MB 360-3478/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2006 0840
Date Prepared: N/A

Analysis Batch: 360-3478
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: 360-3478

Method: 7196A
Preparation: N/A

LCS Lab Sample ID: LCS 360-3478/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2006 0840
Date Prepared: N/A

Analysis Batch: 360-3478
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 360-3478/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2006 0840
Date Prepared: N/A

Analysis Batch: 360-3478
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. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Cr (VI)	103	101	80 - 120	3	20		

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

SUBCONTRACTED DATA

SEVERN TRENT STL®

STL Chicago
2417 Bond Street
University Park, IL 60466

Tel: 708 534 5200 Fax: 708 534 5211
www.stl-inc.com

SEVERN TRENT LABORATORIES
ANALYTICAL REPORT

JOB NUMBER: 244573

Prepared For:

Severn Trent Laboratories
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085

Project: Westfield

Attention: Lisa Worthington

Date: 03/03/2006

Bonnie Stadelmann
Signature

03/03/06
Date

Name: Bonnie M. Stadelmann

Title: Project Manager

E-Mail: bstadelmann@stl-inc.com

STL Chicago
2417 Bond Street
University Park, IL 60466

PHONE: (708) 534-5200
FAX..: (708) 534-5211

This Report Contains (8) Pages

STL Chicago is part of Severn Trent Laboratories, Inc.

SAMPLE INFORMATION
Date: 03/03/2006

Job Number.: 244573
Customer...: Severn Trent Laboratories
Attn.....: Lisa Worthington

Project Number.....: 20000230
Customer Project ID....: WESTFIELD 360-1745
Project Description....: Westfield

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
244573-1	360-1745-1	Water	02/22/2006	11:45	02/24/2006	10:00

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 244573

Date:03/03/2006

CUSTOMER: Severn Trent Laboratories PROJECT: WESTFIELD 360-1745 ATTN: Lisa Worthington

Customer Sample ID: 360-1745-1
Date Sampled.....: 02/22/2006
Time Sampled.....: 11:45
Sample Matrix.....: Water

Laboratory Sample ID: 244573-1
Date Received.....: 02/24/2006
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
1664A	O&G/TPH Gravimetric (HEM) TPH, Recoverable (SGT-HEM)	5.0	U		2.3	5.0	1	mg/L	174699		03/03/06 1123	nrp

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

L A B O R A T O R Y C H R O N I C L E

Job Number: 244573 Date: 03/03/2006

CUSTOMER: Severn Trent Laboratories PROJECT: WESTFIELD 360-1745 ATTN: Lisa Worthington

Lab ID: 244573-1 Client ID: 360-1745-1 Date Rcvd: 02/24/2006 Sample Date: 02/22/2006

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
1664A	O&G/TPH Gravimetric (HEM)	1	174699	174699	03/03/2006 1123	
PKG INO (WC)	PKG INO (WET CHEMISTRY)	1				

QUALITY CONTROL RESULTS

Job Number.: 244573

Report Date.: 03/03/2006

CUSTOMER: Severn Trent Laboratories PROJECT: WESTFIELD 360-1745 ATTN: Lisa Worthington

Test Method.....: 1664A
Method Description.: O&G/TPH Gravimetric (HEM)
Parameter.....: Oil and Grease (HEM)

Batch.....: 174699
Equipment Code....:

Analyst...: nrp
Test Code.: OILGRE

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	174699-001		mg/L	1.90000 U								03/03/2006	1122
LCS	174699-002	I06ASTGR1	mg/L	31.30000		40.00000	1.90000 U	78		%	78-114	03/03/2006	1122

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.
2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.
3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.
4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 100201
5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

Glossary of flags, qualifiers and abbreviations (any number of which may appear in the report)

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the stated limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.
F	AFCEE: Result is less than the RL, but greater than or equal to the method detection limit.

Inorganic Flags (Flag Column)

'	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed the upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB1, EB2, EB3: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	AS(GFAA) Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the stated limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.
F	AFCEE:Result is an estimated value below the reporting limit or a tentatively identified compound (TIC)

Organic Flags (Flags Column)

B	MB: Batch QC is greater than reporting limit.
*	LCS, LCD, ELC, ELD, CV, MS, MSD, Surrogate: Batch QC exceeds the upper or lower control limits.
-	EB1, EB2, EB3, MLE: Batch QC is greater than reporting Limit
A	Concentration exceeds the instrument calibration range
a	Concentration is below the method Reporting Limit (RL)
B	Compound was found in the blank and sample.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is

greater than 25%.

Abbreviations

AS	Post Digestion Spike (GFAA Samples - See Note 1 below)
Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column CCB Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation analysis of original
C1	Confirmation analysis of A1 or D1
C2	Confirmation analysis of A2 or D2
C3	Confirmation analysis of A3 or D3
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
CV	Calilbration Verification Standard
Dil Fac	Dilution Factor - Secondary dilution analysis
D1	Dilution 1
D2	Dilution 2
D3	Dilution 3
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB1	Extraction Blank 1
EB2	Extraction Blank 2
EB3	DI Blank
ELC	Method Extracted LCS
ELD	Method Extracted LCD
ICAL	Initial calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A - ICAP
ISB	Interference Check Sample B - ICAP
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group
	Lab ID An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PDS	Post Digestion Spike (ICAP)
RA	Re-analysis of original
A1	Re-analysis of D1
A2	Re-analysis of D2
A3	Re-analysis of D3
RD	Re-extraction of dilution
RE	Re-extraction of original
RC	Re-extraction Confirmation
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RT	Retention Time

RTW	Retention Time Window Sample ID A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution (Calculated when sample concentration exceeds 50 times the MDL)
UCB	Unseeded Control Blank
SSV	Second Source Verification Standard
SLCS	Solid Laboratory Control Standard(LCS)
PHC	pH Calibration Check LCSP pH Laboratory Control Sample
LCDP	pH Laboratory Control Sample Duplicate
MDPH	pH Sample Duplicate
MDFP	Flashpoint Sample Duplicate
LCFP	Flashpoint LCS
G1	Gelex Check Standard Range 0-1
G2	Gelex Check Standard Range 1-10
G3	Gelex Check Standard Range 10-100
G4	Gelex Check Standard Range 100-1000

Note 1: The Post Spike Designation on Batch QC for GFAA is designated with an "S" added to the current abbreviation used. EX. LCS S=LCS Post Spike (GFAA); MSS=MS Post Spike (GFAA)
Note 2: The MD calculates an absolute difference (A) when the sample concentration is less than 5 times the reporting limit. The control limit is represented as +/- the RL.

STL Westfield
Westfield Executive Park 53 Southampton Road
Westfield, MA 01085
Phone (413) 572-4000 Fax (413) 572-3707

STL Chicago

Chain of Custody

244573

Severn Trent Laboratories, In

Client Contact	Project Manager: Worthington, Lisa	Site Contact:	Date:	ICOC No: 360-189
Shipping/Receiving@ Severn Trent Laborato	Tel/Fax:	Lab Contact:	Carrier No:	Job Number: 360-1745-1
2417 Bond Street,	Analysis Due Date			
University, IL 60466	3/8/2006			
Phone: 708-534-5200	Shipped with Order No: 360-268			
Fax: 708-534-5211				
Project Name: Merrimack Valley Works				
Site:				
PO #:				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	SUBCONTRACT/ PH Hold 4	Special Instructions/Note:
360-1745-1	2/22/06	11:45		Water	1		X	

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unkn

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Relinquished by:	Company: STL Westfield	Date/Time: 2/23/06 1700	Received by:	Company:
Relinquished by:	Company:	Date/Time:	Received by: 2/24/06 1000	Company:
Relinquished by:	Company:	Date/Time:	Received by:	Company:

Comments:

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Weston Solutions, Inc.

Job Number: 360-1745-1
Sdg Number: 11621.039.001.2000

Login Number: 1745

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.	NA	
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	

Severn Trent Laboratories, Inc.
Chain of Custody Form

SEVERN TRENT STL® 30329

•53 Southampton Road
Westfield, MA 01085
(P) 413-572-4000
(F) 413-572-3707
STL Westfield

•149 Rangeway Road
N. Billerica, MA 01862
(P) 978-667-1400
(F) 978-667-7871
STL Billerica / Service Center

Client: Weston Solutions
Address: 1 Wall Street, Manchester NH 03101
Phone: 603 656 5456 Fax: 603 656 5401

Project #: 11621.039.001.2000
Project Manager: Fred Symmes
Work ID: Merrimack Valley Works
Contact: Erik Hall

Job# 360-1945 | Quote# | PO#

Requested Turnaround Time (PLEASE SPECIFY)
STANDARD X
RUSH ____ *(Lab Approval Required)*

Regulatory Classification
NPDES X Drinking Water ____
RCRA ____ MCP GW1/S1 ____
Other ____

Special Report Format
QA/QC Report ____
DQE (MCP) Rpt ____
DEP Form(s) ____

Shaded areas for office use

Analysis Requested
Check analysis and specify method and analytes in comments section.
For example:
500-series for drinking water
600-series for waste water, NPDES
6000-series for groundwater, soil, waste
8000-series for groundwater, soil, waste
Use comments section to further define.

Comments (Special Instructions)

Please print legibility. If the analytical requests are not clearly defined on the chain-of-custody, the turnaround time will begin after all questions have been satisfactorily answered.

Sample Type Codes
WW-Wastewater DW-Drinking water SW-Surface water
LW-Lab water GW-Groundwater A-Air
S-Solid / Soil SL-Sludge O-Oil Z-Other

Sample ID	Sample Type	Sampler's Initials	Date / Time Collected	Grab	Comp.	# Containers	Plastic(P) or Glass(G)	Preservative: NaHSO4/MeOH	HNO3 to pH <2	H2SO4 to pH <2	HCl to pH <2	NaOH to pH >12	Na2S2O3	None / 4° C	Volatiles 524 /624 /8260	Volatiles 601 /602 /8021	Semivoa 525 /625 /8270	PCB / Pest / Herbicide	EPH / VPH	DRO / GRO / ETPH	Metals 6010 / 200.7	Mercury 245.1 / 7470-71	General Chemistry	Bacteriological	Toxicity	Oil & Grease / TOC	Radchem / Other	Comments
MAS-0020-INF-022206	WW	JW	2/22/06 1145	X		2	PG				X			X													TPH, TRC, Hex Chromium

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Sampled by (print): Justin Washington Signature:

Relinquished by:	Date: 2/22/06	Time: 1250	Received by:	Date: 2-22-06	Time: 12:50
Relinquished by:	Date: 2-22-06	Time: 1550	Received by:	Date: 2/22/06	Time: 1445
Relinquished by:	Date: 2/22/06	Time: 1650	Received by:	Date: 2/22/06	Time: 1650

Cooler ? (Y) N
MADEP Requirement Samples Iced? (Y) N
Temp @ receipt: 5.2 °C
Preservation / pH checked? (Y) N
By: UAR Date: 2/22/06

STL WESTFIELD

Page 1 of 1

White = Lab file Yellow = Report copy Pink = Customer copy

STL-8245 (1000)