MA6-910187

FSL ASSOCIATES

Environmental Engineering, Civil Engineering, Forensic Engineering, Construction Services

Member

Environmental Engineering | *Forensic Engineering* | *Civil Engineering* | *Construction Services*

1/9/2006

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

RE: Notice of Intent (NOI) for Remediation General Permit (RGP) for 65 Riverside Ave., Medford, MA

Sir or Madam,

Attached please find a completed NOI for 65 Riverside Avenue in Medford, MA. The site is being remediated from oil contamination on the Site's groundwater. This system consists of an oil/water separator with a liquid phase activated carbon treatment system that has been effective in minimizing the fuel oil contaminant from the discharge. The oil recovery system commenced operation on 3/28/96 and will continue operation until the oil problem is corrected. Samples of the influent and effluent taken every quarter since commencement shows the system has been effective in reducing the discharge (effluent) of TPH in the groundwater below the 5 ppm limit as required in the permit exclusion.

Should you have any questions regarding the NOI permit, please contact me at the number given below.

Daniel Imig, CE
Project Manager
FSL Associates
(617) 787-1440 Ext. 20

JAN 13 2006

18 Shepard Street, Boston, MA 02135 (617) 787-1440 Fax: (617) 787-5843

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: Mixed Use. Multi-residential building upper levels and Retail on first floor</td><td colspan="4">Facility/site address: 65 Riverside Avenue, Medford, MA 02155</td></tr>
<tr><td colspan="2">Location of facility/site:
longitude: -71.10634 latitude: 42.48154</td><td>Facility SIC code(s):

RTN 3-13527</td><td colspan="3">Street:</td></tr>
<tr><td colspan="3">b) Name of facility/site owner: The Hamilton Company</td><td colspan="3">Town: Allston</td></tr>
<tr><td colspan="3" rowspan="2">Email address of owner:</td><td rowspan="2">State: MA</td><td rowspan="2">Zip: 02134</td><td rowspan="2">County:</td></tr>
<tr><td colspan="3">Telephone no.of facility/site owner: 617-783-0039</td></tr>
<tr><td colspan="3">Fax no. of facility/site owner: 617-783-0568</td><td colspan="3" rowspan="2">Owner is (check one): 1. Federal____ 2. State/Tribal____
3. Private_____ 4. other, if so, describe:</td></tr>
<tr><td colspan="3">Address of owner (if different from site):</td></tr>
<tr><td colspan="6">Street: 39 Brighton Avenue</td></tr>
<tr><td colspan="2">Town: Allston</td><td>State: MA</td><td>Zip: 02135</td><td colspan="2">County:</td></tr>
<tr><td colspan="2" rowspan="2">c) Legal name of operator: FSL Associates</td><td colspan="4">Operator telephone no: 617-787-1440</td></tr>
<tr><td colspan="2">Operator fax no.: 617-787-5843</td><td colspan="2">Operator email: dimig@fslassociates.com</td></tr>
<tr><td colspan="6">Operator contact name and title: Daniel Imig, Project Manager</td></tr>
</table>

Address of **operator** (if different from owner):	Street: 18 Shepard Street		
Town: Brighton	State: MA	Zip: 02135	County:

d) Check "yes" or "no" for the following:
1. Has a prior NPDES permit exclusion been granted for the discharge? Yes✓ No___, if "yes," number:
2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge? Yes___ No✓, if "yes," date and tracking #:
3. Is the discharge a "new discharge"as defined by 40 CFR 122.2? Yes✓ No___
4. For sites in Massachusetts, is the discharge covered under the MA Contingency Plan (MCP) and exempt from state permitting? Yes✓ No___

e) Is site/facility subject to any State permitting or other action which is causing the generation of discharge? Yes✓ No___
If "yes," please list:
1. site identification # assigned by the state of NH or (MA): RTN 3-13527
2. permit or license # assigned:
3. state agency contact information: name, location, and telephone number:
MADEP; Mr. Roger Chu, 205 B Lowell Street, Wilmington, MA01887 (978)694-3394

f) Is the site/facility covered by any other EPA permit, including:
1. multi-sector storm water general permit? Y___ N✓, if Y, number:
2. phase I or II construction storm water general permit? Y___ N✓, if Y, number:
3. individual NPDES permit? Y___ N✓, if Y, number:
4. any other water quality related permit? Y___ N✓, if Y, number:

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as needed) including:

a) Describe the discharge activities for which the owner/applicant is seeking coverage:
Existing oil separator/activated carbon treatment system that has been in operation since 1996. System treats groundwater. Discharges into City of Medford storm system.

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_____ Average flow_____ 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. Estimated Values: Average Daily Flow 15 gal/day, Max Flow 100 gals/day

3) Latitude and longitude of each discharge within 100 feet: pt.1:long._____ lat._____; 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.
Discharges to Adjacent Mystic river via Medford Storm Drain (-71.10870 long, 42.41670 lat)

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 ____ end ____ On going	
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).	

Basement Sump Pump → Activated Carbon Unit → Pipe connecting to City of Medford Storm Drain → Mystic river

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

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

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

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

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method ug/L	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
1. Total Suspended Solids	X		1							
2. Total Residual Chlorine	X		1							
3. Total Petroleum Hydrocarbons		X	1	LEAB	1664A	2,300	5,000			
4. Cyanide	X									
5. Benzene	X									
6. Toluene	X									
7. Ethylbenzene	X									
8. (m,p,o) Xylenes	X									
9. Total BTEX[4]	X		↓							

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

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

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	X		1							
26. 1,1,2 Trichloroethane	X									
27. Trichloroethylene	X									
28. Vinyl Chloride	X									
29. Acetone	X									
30. 1,4 Dioxane	X									
31. Total Phenols	X									
32. Pentachlorophenol	X									
33. Total Phthalates [5] (Phthalate esthers)	X									
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	X									
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	X									
a. Benzo(a) Anthracene	X									
b. Benzo(a) Pyrene	X									
c. Benzo(b)Fluoranthene	X									
d. Benzo(k) Fluoranthene	X									
e. Chrysene	X									

[5] The sum of individual phthalate compounds.

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

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
43. Copper	X		1							
44. Lead	X									
45. Mercury	X									
46. Nickel	X									
47. Selenium	X									
48. Silver	X									
49. Zinc	X									
50. Iron	X		4	GRAB	6010B	50	7900			
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___ BASED ON TESTING RESULTS	If yes, which metals? 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: IRON DF: 22,334	Look up the limit calculated at the corresponding dilution factor in **Appendix IV.** Do any of the metals in the **influent** have the potential to exceed the corresponding **effluent** limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y ✓ N___ If "Yes," list which metals:

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

a) A description of the treatment system, including a schematic of the proposed or existing treatment system:

Groundwater is pumped by a sump pump in the basement to the activated carbon unit and then pumped into a pipe leading to the Medford storm system before discharging to the Mystic River located adjacent to the Site.

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 0.02 Maximum flow rate of treatment system 0.2 Design flow rate of treatment system 1 GAL/MIN

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

N/A

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:

Water discharges to the Mystic River via the Town of Medford Storm System

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 CLASS B.

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 3.35 cfs FROM HTTP://MA.WATER.USGS.GOV/STREAMSTATS/
Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Yes ✓ No___ If yes, for which pollutant(s)? PATHOGENS

Is there a TMDL? Yes___ No ✓ If yes, for which pollutant(s)? NOT CALCULATED YET.

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

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

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

7. Supplemental information. :

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

Dilution Factor Calculations

Based on a sampled iron level of 7900 ug/L and a sampled Total Petroleum Hydrocarbon level of 5.0 mg/L, it was necessary to calculate a dilution factor.

The 7Q10 was estimated by using the the STREAMSTATS application on the internet located at: http://ma.water.usgs.gov/streamstats/.

The 7Q10 flow was estimated to be 3.35 cfs. A copy of the results from the applications is appended to this report.

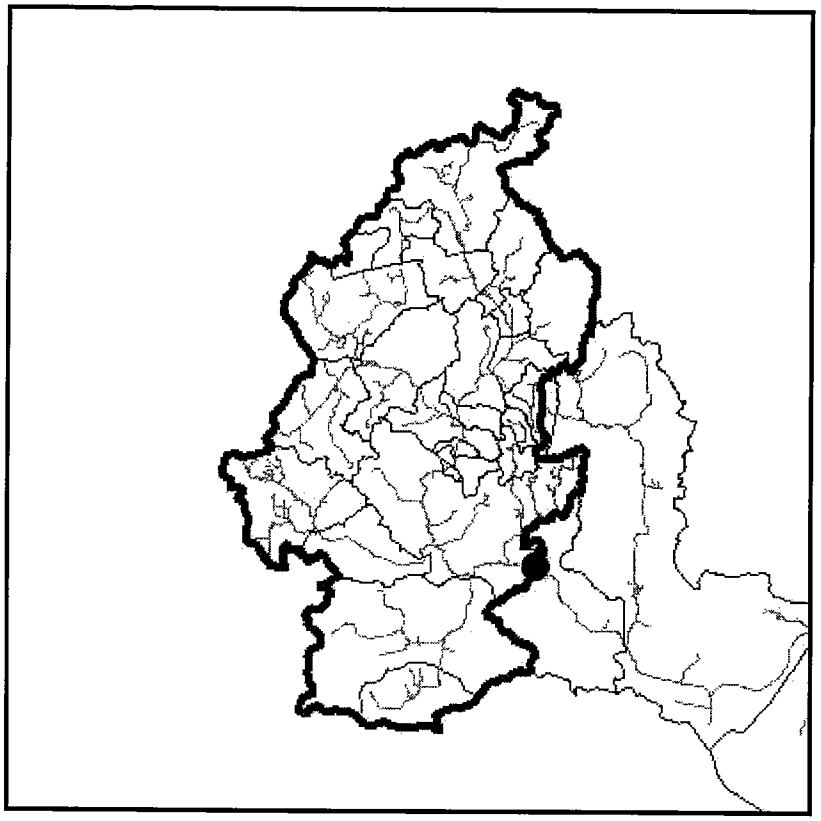
The dilution factor was calculated as follows.

Qd = Maximum flow rate of the discharge in cfs
Qs = Receiving water 7Q10 flow in cfs

Qd = 100 gals/day = 0.00015 cfs

DF = Qd+Qs/Qd = 3.35015/0.00015 = 22,334

Streamflow Statistics Report



Date: Mon Jan 09 15:17:16 2006
Latitude: 42.4172
Longitude: -71.1088
Measured Basin Characteristics:
Drainage Area (square miles): 47.33
Stratified Drift Area (square miles): 21.27
Stream Length (miles): 85.22
Slope (percent): 2.43
Region: 0

Statistic	Estimated streamflow, ft^3/s	90% Prediction interval	
		Minimum	Maximum
99-percent duration flow	3.47	0.91	12.39
98-percent duration flow	4.42	1.24	14.89
95-percent duration flow	6.74	2.17	20.21
90-percent duration flow	10.69	3.93	28.49
85-percent duration flow	13.46	5.16	34.47
80-percent duration flow	17.30	6.82	43.30

75-percent duration flow	20.82	8.35	51.30
70-percent duration flow	25.86	10.28	64.37
60-percent duration flow	38.46	16.11	91.26
50-percent duration flow	48.80	27.47	86.33
7-day, 2-year low flow	6.99	2.12	22.14
7-day, 10-year low flow	3.35 *	0.83	12.56
August median flow	14.37	5.51	36.81

U.S. Department of the Interior, U.S. Geological Survey
10 Bearfoot Road
Northborough, MA 01532
(508) 490-5000

Maintainer: webmaster@mass1.er.usgs.gov

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.

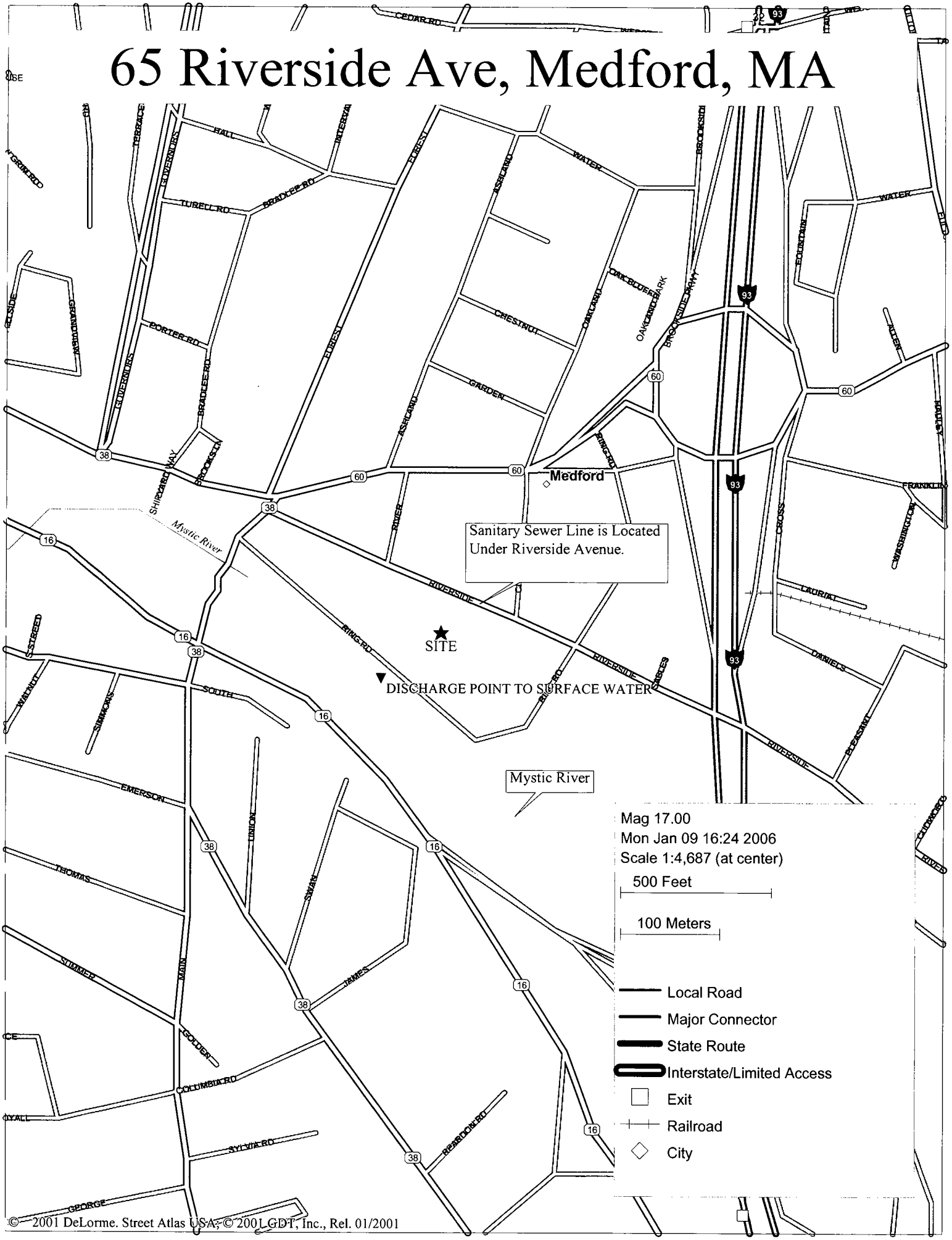
Facility/Site Name: 65 Riverside Avenue, Medford, MA

Operator signature:

Title: Project Manager, FSL Associates

Date: 1 | 9 | 2006

65 Riverside Ave, Medford, MA



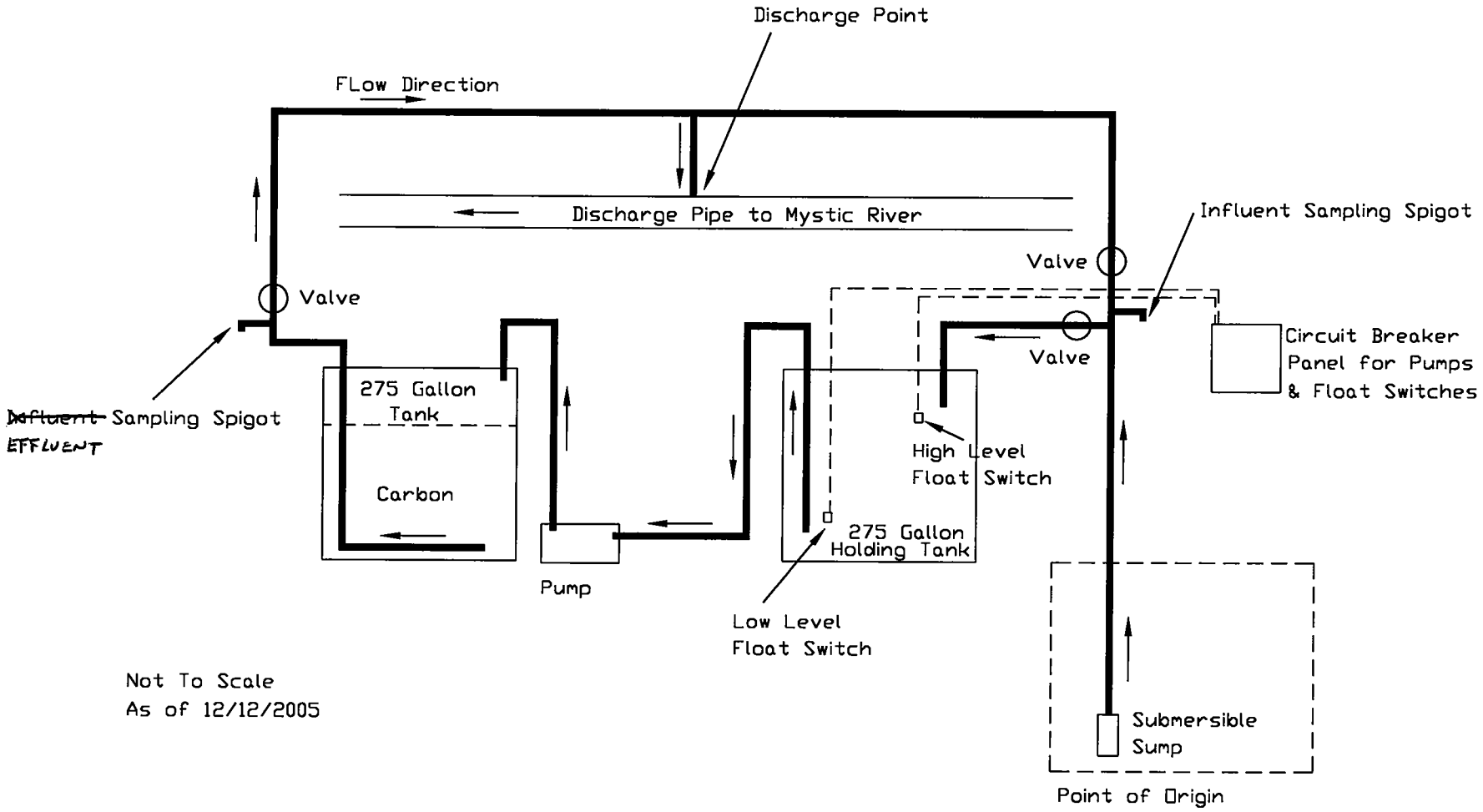


Diagram of Components for Groundwater Treatment System at 65 Riverside, Medford, MA

SEVERN TRENT STL®

STL Westfield
53 Southampton Road
Westfield, MA 01085

Tel: 413 572 4000 Fax: 413 572 3707
www.stl-inc.com

Daniel Imig
FSL Associates, Inc.
18 Shepard Street
Brighton, MA 02135

12/29/2005

Report Number: 230966

Dear Daniel Imig,

The analysis of your sample(s) submitted on 11/30/2005 is now complete and the appropriate analytical report is enclosed. The samples were prepared and analyzed according to established methodologies and protocols. All holding times were met for the methods performed on these samples, unless otherwise noted in the report's case narrative.

If you have any questions regarding this report, please contact your Project Manager, Rebecca C. Mason.

For questions, concerns or comments regarding our service, please do not hesitate to contact me directly. Thank you for selecting STL Westfield, and we look forward to working with you on future projects.

Steven C. Hartmann
Laboratory Director
STL WESTFIELD

Technical Review: CFR 12/29/05

Total number of pages in this report: 56

CASE NARRATIVE FOR REPORT NUMBER: 230966

Client Name : FSL Associates, Inc.

Project Name : Laboratory Analysis

Date : 12/29/05

230966-1 The Method 1664A Oil and Grease analyses were performed at STL-Chicago, 2417 Bond Street, University Park, IL 60466.

The sample was received past the method established hold time for method SW846 7196A.

SAMPLE INFORMATION
Date: 12/29/2005

Job Number.: 230966
Customer...: FSL Associates, Inc.
Attn.....: Daniel Imig

Project Number.....: 20002098
Customer Project ID....: 65 RIVER SIDE
Project Description....: Laboratory Analysis

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
230966-1	Influent	Water	11/28/2005	13:00	11/30/2005	19:40
230966-2	Trip Blank	Water	11/28/2005	13:00	11/30/2005	19:40

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

LABORATORY TEST RESULTS

Job Number: 230966 Date: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Customer Sample ID: Influent
Date Sampled.....: 11/28/2005
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 230966-1
Date Received.....: 11/30/2005
Time Received.....: 19:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
SM18 4500CLF	Chlorine, Tot. Residual	ND	U	0.050	mg/L	12/01/05	pjs
EPA 160.2	Solids, Total Suspended (TSS)	21.0		5.0	mg/L	12/05/05	rwe
SW846 7196A	Hexavalent Chromium	ND	U	0.0050	mg/L	12/01/05	kmm
SW846 9014	Cyanide, Total	ND	U	0.010	mg/L	12/07/05	kmm
SW846 7470A	Mercury (CVAA) Liquid Waste						
	Mercury (Hg)	ND	U	0.20	ug/L	12/06/05	cwb
SW846 6010B	Metals Analysis (ICP)						
	Iron (Fe)	7900		50	ug/L	12/15/05	rac
SW846 6010B	Metals Analysis (ICP)						
	Antimony (Sb)	ND	U	6.0	ug/L	12/15/05	rac
	Arsenic (As)	ND	U	10	ug/L	12/15/05	rac
	Cadmium (Cd)	ND	U	1.0	ug/L	12/15/05	rac
	Chromium (Cr)	8.7		5.0	ug/L	12/15/05	rac
	Copper (Cu)	16		10	ug/L	12/15/05	rac
	Lead (Pb)	ND	U	5.0	ug/L	12/15/05	rac
	Nickel (Ni)	ND	U	10	ug/L	12/15/05	rac
	Selenium (Se)	11		10	ug/L	12/15/05	rac
	Silver (Ag)	ND	U	5.0	ug/L	12/15/05	rac
	Zinc (Zn)	ND	U	50	ug/L	12/15/05	rac
SW846 8011	GC-Microextraction						
	Microextraction	Complete			Text	12/06/05	cdt
SW846 8270C	Semivolatile Organics (Low Level)						
	Naphthalene	ND	U	1.0	ug/L	12/07/05	jcs
	Pentachlorophenol	ND	U	5.0	ug/L	12/07/05	jcs
	Benzo(a)anthracene	ND	U	0.30	ug/L	12/07/05	jcs
	Bis(2-ethylhexyl)phthalate	ND	U	5.0	ug/L	12/07/05	jcs
	Benzo(b)fluoranthene	ND	U	0.30	ug/L	12/07/05	jcs
	Benzo(k)fluoranthene	ND	U	0.30	ug/L	12/07/05	jcs
	Benzo(a)pyrene	ND	U	0.20	ug/L	12/07/05	jcs
	Acenaphthylene	ND	U	0.30	ug/L	12/07/05	jcs
	Acenaphthene	2.8		1.0	ug/L	12/07/05	jcs
	Fluorene	1.6		1.0	ug/L	12/07/05	jcs
	Anthracene	ND	U	1.0	ug/L	12/07/05	jcs
	Fluoranthene	0.81	J	1.0	ug/L	12/07/05	jcs
	Chrysene	ND	U	1.0	ug/L	12/07/05	jcs
	Indeno(1,2,3-cd)pyrene	ND	U	0.50	ug/L	12/07/05	jcs
	Dibenzo(a,h)anthracene	ND	U	0.50	ug/L	12/07/05	jcs
	Benzo(ghi)perylene	ND	U	0.50	ug/L	12/07/05	jcs
	Phenanthrene	ND	U	0.20	ug/L	12/07/05	jcs
	Pyrene	ND	U	1.0	ug/L	12/07/05	jcs

* In Description = Dry Wgt.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

ACCREDITED IN ACCORDANCE WITH nelac

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

LABORATORY TEST RESULTS

Job Number: 230966 Date: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Customer Sample ID: Influent
Date Sampled.....: 11/28/2005
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 230966-1
Date Received.....: 11/30/2005
Time Received.....: 19:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
	Phenol	ND	U	5.0	ug/L	12/07/05	jcs
	2-Methylphenol (o-cresol)	ND	U	5.0	ug/L	12/07/05	jcs
	3&4-Methylphenol (m+p cresol)	ND	U	5.0	ug/L	12/07/05	jcs
	2,4-Dimethylphenol	ND	U	5.0	ug/L	12/07/05	jcs
	2,4-Dichlorophenol	ND	U	5.0	ug/L	12/07/05	jcs
	2,4,6-Trichlorophenol	ND	U	5.0	ug/L	12/07/05	jcs
	2,4,5-Trichlorophenol	ND	U	5.0	ug/L	12/07/05	jcs
	Dimethyl phthalate	ND	U	5.0	ug/L	12/07/05	jcs
	2,4-Dinitrophenol	ND	U	5.0	ug/L	12/07/05	jcs
	4-Nitrophenol	ND	U	5.0	ug/L	12/07/05	jcs
	Diethyl phthalate	ND	U	5.0	ug/L	12/07/05	jcs
	4,6-Dinitro-2-methylphenol	ND	U	5.0	ug/L	12/07/05	jcs
	4-Chloro-3-methylphenol	ND	U	5.0	ug/L	12/07/05	jcs
	Di-n-butyl phthalate	ND	U	5.0	ug/L	12/07/05	jcs
	Butyl benzyl phthalate	ND	U	5.0	ug/L	12/07/05	jcs
	Di-n-octyl phthalate	ND	U	5.0	ug/L	12/07/05	jcs
	2-Chlorophenol	ND	U	5.0	ug/L	12/07/05	jcs
	2-Nitrophenol	ND	U	5.0	ug/L	12/07/05	jcs
SW846 8011	GC Micro-Extractable Volatiles						
	1,2-Dibromoethane (EDB)	ND	U	0.020	ug/L	12/07/05	cdt
EPA 608	Pesticides/PCBs (Organochlorine)						
	Aroclor 1016	ND	U	1.0	ug/L	12/06/05	jcs
	Aroclor 1221	ND	U	1.0	ug/L	12/06/05	jcs
	Aroclor 1232	ND	U	1.0	ug/L	12/06/05	jcs
	Aroclor 1242	ND	U	1.0	ug/L	12/06/05	jcs
	Aroclor 1248	ND	U	1.0	ug/L	12/06/05	jcs
	Aroclor 1254	ND	U	1.0	ug/L	12/06/05	jcs
	Aroclor 1260	ND	U	1.0	ug/L	12/06/05	jcs
SW846 8260B	Volatile Organics						
	Benzene	ND	U	10	ug/L	12/07/05	caox
	Toluene	ND	U	10	ug/L	12/07/05	caox
	Ethylbenzene	ND	U	10	ug/L	12/07/05	caox
	m&p-Xylenes	ND	U	10	ug/L	12/07/05	caox
	o-Xylene	ND	U	10	ug/L	12/07/05	caox
	1,1-Dichloroethene	ND	U	10	ug/L	12/07/05	caox
	Methyl-tert-butyl-ether (MTBE)	ND	U	10	ug/L	12/07/05	caox
	1,1-Dichloroethane	ND	U	10	ug/L	12/07/05	caox
	cis-1,2-Dichloroethene	ND	U	10	ug/L	12/07/05	caox
	Carbon tetrachloride	ND	U	10	ug/L	12/07/05	caox
	1,2-Dichloroethane	ND	U	10	ug/L	12/07/05	caox
	1,3-Dichlorobenzene	ND	U	10	ug/L	12/07/05	caox
	1,4-Dichlorobenzene	ND	U	10	ug/L	12/07/05	caox
	1,2-Dichlorobenzene	ND	U	10	ug/L	12/07/05	caox
	Naphthalene	ND	U	50	ug/L	12/07/05	caox
	tert-Butyl alcohol (TBA)	ND	U	500	ug/L	12/07/05	caox
	tert-Amyl methyl ether (TAME)	ND	U	50	ug/L	12/07/05	caox

* In Description = Dry Wgt.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

LABORATORY TEST RESULTS

Job Number: 230966 Date: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Customer Sample ID: Influent
Date Sampled.....: 11/28/2005
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 230966-1
Date Received.....: 11/30/2005
Time Received.....: 19:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
	Vinyl chloride	ND	U	10	ug/L	12/07/05	caox
	Acetone	ND	U	500	ug/L	12/07/05	caox
	Methylene chloride	ND	U	20	ug/L	12/07/05	caox
	1,1,1-Trichloroethane	ND	U	10	ug/L	12/07/05	caox
	Trichloroethene (TCE)	ND	U	10	ug/L	12/07/05	caox
	1,1,2-Trichloroethane	ND	U	10	ug/L	12/07/05	caox
	Tetrachloroethene	ND	U	10	ug/L	12/07/05	caox
	1,4-Dioxane	ND	U	500	ug/L	12/07/05	caox

* In Description = Dry Wgt.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

ACCREDITED IN ACCORDANCE WITH nelac

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

LABORATORY TEST RESULTS

Job Number: 230966 Date: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Customer Sample ID: Trip Blank
Date Sampled.....: 11/28/2005
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 230966-2
Date Received.....: 11/30/2005
Time Received.....: 19:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
SW846 8260B	Volatile Organics						
	Benzene	ND	U	1.0	ug/L	12/06/05	caox
	Toluene	ND	U	1.0	ug/L	12/06/05	caox
	Ethylbenzene	ND	U	1.0	ug/L	12/06/05	caox
	m&p-Xylenes	ND	U	1.0	ug/L	12/06/05	caox
	o-Xylene	ND	U	1.0	ug/L	12/06/05	caox
	1,1-Dichloroethene	ND	U	1.0	ug/L	12/06/05	caox
	Methyl-tert-butyl-ether (MTBE)	ND	U	1.0	ug/L	12/06/05	caox
	1,1-Dichloroethane	ND	U	1.0	ug/L	12/06/05	caox
	cis-1,2-Dichloroethene	ND	U	1.0	ug/L	12/06/05	caox
	Carbon tetrachloride	ND	U	1.0	ug/L	12/06/05	caox
	1,2-Dichloroethane	ND	U	1.0	ug/L	12/06/05	caox
	1,3-Dichlorobenzene	ND	U	1.0	ug/L	12/06/05	caox
	1,4-Dichlorobenzene	ND	U	1.0	ug/L	12/06/05	caox
	1,2-Dichlorobenzene	ND	U	1.0	ug/L	12/06/05	caox
	Naphthalene	ND	U	5.0	ug/L	12/06/05	caox
	tert-Butyl alcohol (TBA)	ND	U	50	ug/L	12/06/05	caox
	tert-Amyl methyl ether (TAME)	ND	U	5.0	ug/L	12/06/05	caox
	Vinyl chloride	ND	U	1.0	ug/L	12/06/05	caox
	Acetone	ND	U	50	ug/L	12/06/05	caox
	Methylene chloride	ND	U	2.0	ug/L	12/06/05	caox
	1,1,1-Trichloroethane	ND	U	1.0	ug/L	12/06/05	caox
	Trichloroethene (TCE)	ND	U	1.0	ug/L	12/06/05	caox
	1,1,2-Trichloroethane	ND	U	1.0	ug/L	12/06/05	caox
	Tetrachloroethene	ND	U	1.0	ug/L	12/06/05	caox
	1,4-Dioxane	ND	U	50	ug/L	12/06/05	caox

* In Description = Dry Wgt.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

LABORATORY CHRONICLE

Job Number: 230966

Date: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Lab ID: 230966-1 Client ID: Influent Date Recvd: 11/30/2005 Sample Date: 11/28/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
3010A	Acid Digestion, Total (ICP)	1	52911		12/02/2005	0000	
SM18 4500CLF	Chlorine,(DPD)	1	52895		12/01/2005	0000	
SW846 9014	Cyanide (Colorimetric)	1	53094		12/07/2005	0000	
SW846 3510C	Extraction Sep. Funnel (SVOC) Low Level	1	52926		12/02/2005	0000	
EPA 608 Extr.	Extraction Sep. Funnel Prep for EPA 608	1	53007		12/05/2005	0000	
SW846 8011	GC Micro-Extractable Volatiles	1	53085		12/07/2005	1303	
SW846 8011	GC-Microextraction	1	53086		12/06/2005	0000	
SW846 7196A	Hexavalent Chromium	1	52943		12/01/2005	1100	
SW846 7470A	Mercury (CVAA) Aqueous Preparation	1	53008		12/06/2005	1100	
SW846 7470A	Mercury (CVAA) Liquid Waste	1	53100	53008	12/06/2005	0000	
SW846 6010B	Metals Analysis (ICP)	1	53435	52911	12/15/2005	2314	
SW846 6010B	Metals Analysis (ICP)	1	53631	52911	12/15/2005	2314	
EPA 608	Pesticides/PCBs (Organochlorine)	1	53062	53007	12/06/2005	1947	
SW846 8270C	Semivolatile Organics (Low Level)	1	53070	52926	12/07/2005	2232	
EPA 160.2	Solids, Total Suspended (TSS)	1	53041		12/05/2005	0000	
	Special Instructions	1	53148		12/09/2005	0000	
	Special Instructions	1	53186		12/09/2005	1415	
SW846 8260B	Volatile Organics	1	53188		12/07/2005	1602	10

Lab ID: 230966-2 Client ID: Trip Blank Date Recvd: 11/30/2005 Sample Date: 11/28/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
	Special Instructions	1	53027		12/06/2005	1305	
SW846 8260B	Volatile Organics	1	53030		12/06/2005	0559	1

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

SURROGATE RECOVERIES REPORT

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Method.....: Pesticides/PCBs (Organochlorine) Method Code...: 608 Prep Batch....: 53007
Batch(s).....: 53062 Test Matrix...: Water Equipment Code:

Lab ID	DT	Sample ID	Date	DCB	TCX
LCD			12/06/2005	82.1	67.5
LCS			12/06/2005	91.6	81.9
MB			12/06/2005	98.7	105.7
230966- 1		Influent	12/06/2005	104.5	67.5

Test	Test Description	Limits
DCB	Decachlorobiphenyl (surr)	30.0 - 150.
TCX	Tetrachloro-m-xylene (surr)	30.0 - 150.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

SURROGATE RECOVERIES REPORT

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Method.....: Volatile Organics
Batch(s).....: 53030 53188

Method Code...: 8260
Test Matrix...: Water

Prep Batch....:
Equipment Code: VHPMS1

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCD			12/05/2005	86.2	97.1	93.2	102.0
LCD			12/07/2005	87.9	97.1	92.7	100.8
LCS			12/05/2005	85.8	96.5	92.7	101.6
LCS			12/07/2005	88.0	97.4	93.1	100.7
MB			12/06/2005	86.4	94.0	94.0	101.2
MB			12/07/2005	87.2	94.5	95.0	100.9
230966- 1		Influent	12/07/2005	88.0	94.0	95.3	100.5
230966- 2		Trip Blank	12/06/2005	88.4	94.8	94.3	100.3

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	70.0 - 130.
BRFLBE	4-Bromofluorobenzene (surr)	70.0 - 130.
DBRFLM	Dibromofluoromethane (surr)	70.0 - 130.
TOLD8	Toluene-d8 (surr)	70.0 - 130.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

SURROGATE RECOVERIES REPORT

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Method.....: Semivolatile Organics (Low Level) Method Code...: 8270L Prep Batch....: 52926
Batch(s).....: 53070 Test Matrix...: Water Equipment Code: EHPGC1

Lab ID	DT	Sample ID	Date	246TBP	2FLUBP	2FLUPH	NITRD5	PHEND5	TERD14
LCD			12/07/2005	82.2	70.0	33.8	64.8	19.3	83.0
LCS			12/07/2005	87.6	75.6	40.9	70.4	23.9	97.2
MB			12/07/2005	67.0	58.8	32.5	57.2	18.3	92.0
230966- 1		Influent	12/07/2005	70.8	61.4	29.6	55.2	16.1	72.0

Test	Test Description	Limits
246TBP	2,4,6-Tribromophenol (surr)	15.0 - 110.
2FLUBP	2-Fluorobiphenyl (surr)	30.0 - 130.
2FLUPH	2-Fluorophenol (surr)	15.0 - 110.
NITRD5	Nitrobenzene-d5 (surr)	30.0 - 130.
PHEND5	Phenol-d5 (surr)	15.0 - 110.
TERD14	Terphenyl-d14 (surr)	30.0 - 130.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date Time

Test Method.....: SW846 8270C Analyst...: jcs
Method Description.: Semivolatile Organics (Low Level) Batch.....: 53070

LCD	Laboratory Control Sample Duplicate	E05KSPK066	52926		12/07/2005 2154

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol	ug/L	2.200 J	2.660 J	10.000	5.000 U	22.0		30.0-130.0	*
						18.9		20.0	
2-Methylphenol (o-cresol)	ug/L	5.310	5.890	10.000	5.000 U	53.1		30.0-130.0	
						10.4		20.0	
3&4-Methylphenol (m+p cresol)	ug/L	4.600 J	5.230	10.000	5.000 U	46.0		30.0-130.0	
						12.8		20.0	
2-Chlorophenol	ug/L	5.880	6.350	10.000	5.000 U	58.8		30.0-130.0	
						7.7		20.0	
2,4-Dimethylphenol	ug/L	6.720	6.960	10.000	5.000 U	67.2		30.0-130.0	
						3.5		20.0	
Naphthalene	ug/L	5.300	5.570	10.000	1.000 U	53.0		40.0-140.0	
						5.0		20.0	
2,4-Dichlorophenol	ug/L	6.800	7.310	10.000	5.000 U	68.0		30.0-130.0	
						7.2		20.0	
2,4,6-Trichlorophenol	ug/L	7.611	7.960	10.000	5.000 U	76.1		30.0-130.0	
						4.5		20.0	
2,4,5-Trichlorophenol	ug/L	7.470	7.910	10.000	5.000 U	74.7		30.0-130.0	
						5.7		20.0	
2-Nitrophenol	ug/L	6.780	7.460	10.000	5.000 U	67.8		30.0-130.0	
						9.6		20.0	
Dimethyl phthalate	ug/L	7.330	7.770	10.000	5.000 U	73.3		40.0-140.0	
						5.8		20.0	
2,4-Dinitrophenol	ug/L	7.850	7.310	10.000	5.000 U	78.5		30.0-130.0	
						7.1		20.0	
Acenaphthylene	ug/L	6.930	7.340	10.000	0.300 U	69.3		40.0-140.0	
						5.7		20.0	
Acenaphthene	ug/L	6.010	6.340	10.000	1.000 U	60.1		40.0-140.0	
						5.3		20.0	
4-Nitrophenol	ug/L	2.790 J	2.740 J	10.000	5.000 U	27.9		30.0-130.0	*
						1.8		20.0	
Fluorene	ug/L	6.650	7.070	10.000	1.000 U	66.5		40.0-140.0	
						6.1		20.0	
Diethyl phthalate	ug/L	7.300	7.690	10.000	5.000 U	73.0		40.0-140.0	
						5.2		20.0	
Pentachlorophenol	ug/L	7.950	8.270	10.000	5.000 U	79.5		30.0-130.0	
						3.9		20.0	
Phenanthrene	ug/L	6.690	7.140	10.000	0.200 U	66.9		40.0-140.0	
						6.5		20.0	
Anthracene	ug/L	7.300	7.740	10.000	1.000 U	73.0		40.0-140.0	
						5.9		20.0	
Di-n-butyl phthalate	ug/L	8.000	8.550	10.000	5.000 U	80.0		40.0-140.0	
						6.6		20.0	
Fluoranthene	ug/L	7.540	7.720	10.000	1.000 U	75.4		40.0-140.0	
						2.4		20.0	
Pyrene	ug/L	7.580	8.980	10.000	1.000 U	75.8		40.0-140.0	
						16.9		20.0	
Butyl benzyl phthalate	ug/L	7.910	9.020	10.000	5.000 U	79.1		40.0-140.0	
						13.1		20.0	
Benzo(a)anthracene	ug/L	7.000	7.470	10.000	0.300 U	70.0		40.0-140.0	
						6.5		20.0	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date Time
LCD	Laboratory Control Sample Duplicate	E05KSPK066	52926		12/07/2005 2154

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Chrysene	ug/L	6.860	7.260	10.000	1.000 U	68.6	40.0-140.0	
						5.7	20.0	
Bis(2-ethylhexyl)phthalate	ug/L	7.400	8.070	10.000	5.000 U	74.0	40.0-140.0	
						8.7	20.0	
Di-n-octyl phthalate	ug/L	7.860	8.950	10.000	5.000 U	78.6	40.0-140.0	
						13.0	20.0	
Benzo(b)fluoranthene	ug/L	7.200	7.720	10.000	0.300 U	72.0	40.0-140.0	
						7.0	20.0	
Benzo(k)fluoranthene	ug/L	8.230	8.320	10.000	0.300 U	82.3	40.0-140.0	
						1.1	20.0	
Benzo(a)pyrene	ug/L	9.480	9.850	10.000	0.200 U	94.8	40.0-140.0	
						3.8	20.0	
Indeno(1,2,3-cd)pyrene	ug/L	6.890	6.500	10.000	0.500 U	68.9	40.0-140.0	
						5.8	20.0	
Dibenzo(a,h)anthracene	ug/L	6.900	6.510	10.000	0.500 U	69.0	40.0-140.0	
						5.8	20.0	
Benzo(ghi)perylene	ug/L	6.510	6.210	10.000	0.500 U	65.1	40.0-140.0	
						4.7	20.0	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	E05KSPK066	52926		12/07/2005	2117

Test Method.....: SW846 8270C Analyst...: jcs
Method Description.: Semivolatile Organics (Low Level) Batch.....: 53070

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Phenol	ug/L	2.660	J		10.000	5.000	U	26.6		30-130	*
2-Methylphenol (o-cresol)	ug/L	5.890			10.000	5.000	U	58.9		30-130	
3&4-Methylphenol (m+p cresol)	ug/L	5.230			10.000	5.000	U	52.3		30-130	
2-Chlorophenol	ug/L	6.350			10.000	5.000	U	63.5		30-130	
2,4-Dimethylphenol	ug/L	6.960			10.000	5.000	U	69.6		30-130	
Naphthalene	ug/L	5.570			10.000	1.000	U	55.7		40-140	
2,4-Dichlorophenol	ug/L	7.310			10.000	5.000	U	73.1		30-130	
2,4,6-Trichlorophenol	ug/L	7.960			10.000	5.000	U	79.6		30-130	
2,4,5-Trichlorophenol	ug/L	7.910			10.000	5.000	U	79.1		30-130	
2-Nitrophenol	ug/L	7.460			10.000	5.000	U	74.6		30-130	
Dimethyl phthalate	ug/L	7.770			10.000	5.000	U	77.7		40-140	
2,4-Dinitrophenol	ug/L	7.310			10.000	5.000	U	73.1		30-130	
Acenaphthylene	ug/L	7.340			10.000	0.300	U	73.4		40-140	
Acenaphthene	ug/L	6.340			10.000	1.000	U	63.4		40-140	
4-Nitrophenol	ug/L	2.740	J		10.000	5.000	U	27.4		30-130	*
Fluorene	ug/L	7.070			10.000	1.000	U	70.7		40-140	
Diethyl phthalate	ug/L	7.690			10.000	5.000	U	76.9		40-140	
Pentachlorophenol	ug/L	8.270			10.000	5.000	U	82.7		30-130	
Phenanthrene	ug/L	7.140			10.000	0.200	U	71.4		40-140	
Anthracene	ug/L	7.740			10.000	1.000	U	77.4		40-140	
Di-n-butyl phthalate	ug/L	8.550			10.000	5.000	U	85.5		40-140	
Fluoranthene	ug/L	7.720			10.000	1.000	U	77.2		40-140	
Pyrene	ug/L	8.980			10.000	1.000	U	89.8		40-140	
Butyl benzyl phthalate	ug/L	9.020			10.000	5.000	U	90.2		40-140	
Benzo(a)anthracene	ug/L	7.470			10.000	0.300	U	74.7		40-140	
Chrysene	ug/L	7.260			10.000	1.000	U	72.6		40-140	
Bis(2-ethylhexyl)phthalate	ug/L	8.070			10.000	5.000	U	80.7		40-140	
Di-n-octyl phthalate	ug/L	8.950			10.000	5.000	U	89.5		40-140	
Benzo(b)fluoranthene	ug/L	7.720			10.000	0.300	U	77.2		40-140	
Benzo(k)fluoranthene	ug/L	8.320			10.000	0.300	U	83.2		40-140	
Benzo(a)pyrene	ug/L	9.850			10.000	0.200	U	98.5		40-140	
Indeno(1,2,3-cd)pyrene	ug/L	6.500			10.000	0.500	U	65.0		40-140	
Dibenzo(a,h)anthracene	ug/L	6.510			10.000	0.500	U	65.1		40-140	
Benzo(ghi)perylene	ug/L	6.210			10.000	0.500	U	62.1		40-140	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		52926		12/07/2005	2039

Test Method.....: SW846 8270C Analyst...: jcs
Method Description.: Semivolatile Organics (Low Level) Batch.....: 53070

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol	ug/L	5.000	U							
2-Methylphenol (o-cresol)	ug/L	5.000	U							
3&4-Methylphenol (m+p cresol)	ug/L	5.000	U							
2-Chlorophenol	ug/L	5.000	U							
2,4-Dimethylphenol	ug/L	5.000	U							
Naphthalene	ug/L	1.000	U							
2,4-Dichlorophenol	ug/L	5.000	U							
2,4,6-Trichlorophenol	ug/L	5.000	U							
2,4,5-Trichlorophenol	ug/L	5.000	U							
2-Nitrophenol	ug/L	5.000	U							
Dimethyl phthalate	ug/L	5.000	U							
2,4-Dinitrophenol	ug/L	5.000	U							
Acenaphthylene	ug/L	0.300	U							
Acenaphthene	ug/L	1.000	U							
4-Nitrophenol	ug/L	5.000	U							
Fluorene	ug/L	1.000	U							
Diethyl phthalate	ug/L	5.000	U							
Pentachlorophenol	ug/L	5.000	U							
Phenanthrene	ug/L	0.200	U							
Anthracene	ug/L	1.000	U							
Di-n-butyl phthalate	ug/L	5.000	U							
Fluoranthene	ug/L	1.000	U							
Pyrene	ug/L	1.000	U							
Butyl benzyl phthalate	ug/L	5.000	U							
Benzo(a)anthracene	ug/L	0.300	U							
Chrysene	ug/L	1.000	U							
Bis(2-ethylhexyl)phthalate	ug/L	5.000	U							
Di-n-octyl phthalate	ug/L	5.000	U							
Benzo(b)fluoranthene	ug/L	0.300	U							
Benzo(k)fluoranthene	ug/L	0.300	U							
Benzo(a)pyrene	ug/L	0.200	U							
Indeno(1,2,3-cd)pyrene	ug/L	0.500	U							
Dibenzo(a,h)anthracene	ug/L	0.500	U							
Benzo(ghi)perylene	ug/L	0.500	U							
4,6-Dinitro-2-methylphenol	ug/L	5.000	U							
4-Chloro-3-methylphenol	ug/L	5.000	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

ACCREDITED IN ACCORDANCE WITH nelac

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	S04HSPK303			12/07/2005	1248

Test Method.....: SW846 8011 Analyst...: cdt
Method Description.: GC Micro-Extractable Volatiles Batch.....: 53085

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,2-Dibromoethane (EDB)	ug/L	0.227	0.236	0.251	0.020 U	90.4		70.0-130.0	
						3.9		20.0	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	S04HSPK303			12/07/2005	1232

Test Method.....: SW846 8011
Method Description.: GC Micro-Extractable Volatiles

Batch.....: 53085

Analyst...: cdt

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,2-Dibromoethane (EDB)	ug/L	0.236		0.251	0.020 U	94.0		70-130	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank				12/07/2005	1216

Test Method.....: SW846 8011
Method Description.: GC Micro-Extractable Volatiles Batch.....: 53085 Analyst...: cdt

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,2-Dibromoethane (EDB)	ug/L	0.020	U						

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	E05KSPK007	53007		12/06/2005	1344

Test Method.....: EPA 608
Method Description.: Pesticides/PCBs (Organochlorine)

Batch.....: 53062

Analyst...: jcs

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016	ug/L	2.104	2.526	2.500	1.000 U	84		50-114	
						18		50	
Aroclor 1260	ug/L	2.361	2.626	2.500	1.000 U	94		8-127	
						11		50	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	E05KSPK007	53007		12/06/2005	1322

Test Method.....: EPA 608 Analyst...: jcs
Method Description.: Pesticides/PCBs (Organochlorine) Batch.....: 53062

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016	ug/L	2.526		2.500	1.000 U	101.1		50-114	
Aroclor 1260	ug/L	2.626		2.500	1.000 U	105.0		8-127	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		53007		12/06/2005	2008

Test Method.....: EPA 608 Analyst...: jcs
Method Description.: Pesticides/PCBs (Organochlorine) Batch.....: 53062

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016	ug/L	1.000	U						
Aroclor 1221	ug/L	1.000	U						
Aroclor 1232	ug/L	1.000	U						
Aroclor 1242	ug/L	1.000	U						
Aroclor 1248	ug/L	1.000	U						
Aroclor 1254	ug/L	1.000	U						
Aroclor 1260	ug/L	1.000	U						

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

ACCREDITED IN ACCORDANCE WITH nelac

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	V04EWRK001			12/05/2005	2146

Test Method.....: SW846 8260B Analyst...: caox
Method Description.: Volatile Organics Batch.....: 53030

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Vinyl chloride	ug/L	21.740	22.590	20.000	1.000	U	108.7		70.0-130.0	
							3.8		25.0	
1,1-Dichloroethene	ug/L	17.900	18.490	20.000	1.000	U	89.5		70.0-130.0	
							3.2		25.0	
Acetone	ug/L	146.870	143.560	200.000	50.000	U	73.4		70.0-130.0	
							2.3		25.0	
Methylene chloride	ug/L	21.610	21.960	20.000	2.000	U	108.0		70.0-130.0	
							1.6		25.0	
Methyl-tert-butyl-ether (MTBE)	ug/L	17.580	17.390	20.000	1.000	U	87.9		70.0-130.0	
							1.1		25.0	
1,1-Dichloroethane	ug/L	19.510	19.860	20.000	1.000	U	97.5		70.0-130.0	
							1.8		25.0	
cis-1,2-Dichloroethene	ug/L	18.990	19.420	20.000	1.000	U	95.0		70.0-130.0	
							2.2		25.0	
1,1,1-Trichloroethane	ug/L	17.390	17.850	20.000	1.000	U	87.0		70.0-130.0	
							2.6		25.0	
Carbon tetrachloride	ug/L	18.770	19.600	20.000	1.000	U	93.8		70.0-130.0	
							4.3		25.0	
Benzene	ug/L	20.620	21.110	20.000	1.000	U	103.1		70.0-130.0	
							2.3		25.0	
1,2-Dichloroethane	ug/L	17.540	17.520	20.000	1.000	U	87.7		70.0-130.0	
							0.1		25.0	
Trichloroethene (TCE)	ug/L	20.350	21.010	20.000	1.000	U	101.8		70.0-130.0	
							3.2		25.0	
Toluene	ug/L	20.250	20.490	20.000	1.000	U	101.2		70.0-130.0	
							1.2		25.0	
1,1,2-Trichloroethane	ug/L	21.160	21.260	20.000	1.000	U	105.8		70.0-130.0	
							0.5		25.0	
Tetrachloroethene	ug/L	20.740	21.330	20.000	1.000	U	103.7		70.0-130.0	
							2.8		25.0	
Ethylbenzene	ug/L	19.170	19.540	20.000	1.000	U	95.8		70.0-130.0	
							1.9		25.0	
m&p-Xylenes	ug/L	38.900	39.520	40.000	1.000	U	97.2		70.0-130.0	
							1.6		25.0	
o-Xylene	ug/L	19.340	19.590	20.000	1.000	U	96.7		70.0-130.0	
							1.3		25.0	
1,3-Dichlorobenzene	ug/L	19.810	20.150	20.000	1.000	U	99.0		70.0-130.0	
							1.7		25.0	
1,4-Dichlorobenzene	ug/L	19.860	20.090	20.000	1.000	U	99.3		70.0-130.0	
							1.2		25.0	
1,2-Dichlorobenzene	ug/L	19.790	20.060	20.000	1.000	U	99.0		70.0-130.0	
							1.4		25.0	
Naphthalene	ug/L	23.350	23.350	20.000	5.000	U	116.8		70.0-130.0	
							0.0		25.0	
tert-Butyl alcohol (TBA)	ug/L	222.830	212.790	200.000	50.000	U	111.4		70.0-130.0	
							4.6		25.0	
1,4-Dioxane	ug/L	241.970	234.700	200.000	50.000	U	121.0		70.0-130.0	
							3.1		25.0	
tert-Amyl methyl ether (TAME)	ug/L	18.820	18.730	20.000	5.000	U	94.1		70.0-130.0	
							0.5		25.0	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

ACCREDITED IN ACCORDANCE WITH nelac

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V04EWRK001			12/05/2005	2118

Test Method.....: SW846 8260B
Method Description.: Volatile Organics

Batch.....: 53030

Analyst...: caox

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vinyl chloride	ug/L	22.590		20.000	1.000 U	113.0		70-130	
1,1-Dichloroethene	ug/L	18.490		20.000	1.000 U	92.5		70-130	
Acetone	ug/L	143.560		200.000	50.000 U	71.8		70-130	
Methylene chloride	ug/L	21.960		20.000	2.000 U	109.8		70-130	
Methyl-tert-butyl-ether (MTBE)	ug/L	17.390		20.000	1.000 U	87.0		70-130	
1,1-Dichloroethane	ug/L	19.860		20.000	1.000 U	99.3		70-130	
cis-1,2-Dichloroethene	ug/L	19.420		20.000	1.000 U	97.1		70-130	
1,1,1-Trichloroethane	ug/L	17.850		20.000	1.000 U	89.2		70-130	
Carbon tetrachloride	ug/L	19.600		20.000	1.000 U	98.0		70-130	
Benzene	ug/L	21.110		20.000	1.000 U	105.5		70-130	
1,2-Dichloroethane	ug/L	17.520		20.000	1.000 U	87.6		70-130	
Trichloroethene (TCE)	ug/L	21.010		20.000	1.000 U	105.0		70-130	
Toluene	ug/L	20.490		20.000	1.000 U	102.5		70-130	
1,1,2-Trichloroethane	ug/L	21.260		20.000	1.000 U	106.3		70-130	
Tetrachloroethene	ug/L	21.330		20.000	1.000 U	106.7		70-130	
Ethylbenzene	ug/L	19.540		20.000	1.000 U	97.7		70-130	
m&p-Xylenes	ug/L	39.520		40.000	1.000 U	98.8		70-130	
o-Xylene	ug/L	19.590		20.000	1.000 U	98.0		70-130	
1,3-Dichlorobenzene	ug/L	20.150		20.000	1.000 U	100.8		70-130	
1,4-Dichlorobenzene	ug/L	20.090		20.000	1.000 U	100.5		70-130	
1,2-Dichlorobenzene	ug/L	20.060		20.000	1.000 U	100.3		70-130	
Naphthalene	ug/L	23.350		20.000	5.000 U	116.8		70-130	
tert-Butyl alcohol (TBA)	ug/L	212.790		200.000	50.000 U	106.4		70-130	
1,4-Dioxane	ug/L	234.700		200.000	50.000 U	117.3		70-130	
tert-Amyl methyl ether (TAME)	ug/L	18.730		20.000	5.000 U	93.7		70-130	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: SW846 8260B Analyst...: caox
Method Description.: Volatile Organics Batch.....: 53030

MB	Method Blank				12/06/2005	0003

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vinyl chloride	ug/L	1.000	U							
1,1-Dichloroethene	ug/L	1.000	U							
Acetone	ug/L	50.000	U							
Methylene chloride	ug/L	2.000	U							
Methyl-tert-butyl-ether (MTBE)	ug/L	1.000	U							
1,1-Dichloroethane	ug/L	1.000	U							
cis-1,2-Dichloroethene	ug/L	1.000	U							
1,1,1-Trichloroethane	ug/L	1.000	U							
Carbon tetrachloride	ug/L	1.000	U							
Benzene	ug/L	1.000	U							
1,2-Dichloroethane	ug/L	1.000	U							
Trichloroethene (TCE)	ug/L	1.000	U							
Toluene	ug/L	1.000	U							
1,1,2-Trichloroethane	ug/L	1.000	U							
Tetrachloroethene	ug/L	1.000	U							
Ethylbenzene	ug/L	1.000	U							
m&p-Xylenes	ug/L	1.000	U							
o-Xylene	ug/L	1.000	U							
1,3-Dichlorobenzene	ug/L	1.000	U							
1,4-Dichlorobenzene	ug/L	1.000	U							
1,2-Dichlorobenzene	ug/L	1.000	U							
Naphthalene	ug/L	5.000	U							
tert-Butyl alcohol (TBA)	ug/L	50.000	U							
1,4-Dioxane	ug/L	50.000	U							
tert-Amyl methyl ether (TAME)	ug/L	5.000	U							

SEVERN TRENT STL
MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A
NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843
STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707
STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	V04EWRK001	230989-1	5	12/05/2005	2213

Test Method.....: SW846 8260B Analyst...: caox
Method Description.: Volatile Organics Batch.....: 53030

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vinyl chloride	ug/L	114.200		100.000	5.000 U	114	%	70-130	
1,1-Dichloroethene	ug/L	93.500		100.000	5.000 U	94	%	70-130	
Acetone	ug/L	733.950		1000.000	250.000 U	73	%	70-130	
Methylene chloride	ug/L	110.600		100.000	10.000 U	111	%	70-130	
Methyl-tert-butyl-ether (MTBE)	ug/L	88.650		100.000	5.000 U	89	%	70-130	
1,1-Dichloroethane	ug/L	100.250		100.000	5.000 U	100	%	70-130	
cis-1,2-Dichloroethene	ug/L	107.150		100.000	9.050	98	%	70-130	
1,1,1-Trichloroethane	ug/L	90.100		100.000	5.000 U	90	%	70-130	
Carbon tetrachloride	ug/L	97.800		100.000	5.000 U	98	%	70-130	
Benzene	ug/L	106.050		100.000	5.000 U	106	%	70-130	
1,2-Dichloroethane	ug/L	89.250		100.000	5.000 U	89	%	70-130	
Trichloroethene (TCE)	ug/L	251.300		100.000	148.400	103	%	70-130	
Toluene	ug/L	103.700		100.000	5.000 U	104	%	70-130	
1,1,2-Trichloroethane	ug/L	107.550		100.000	5.000 U	108	%	70-130	
Tetrachloroethene	ug/L	106.450		100.000	5.000 U	106	%	70-130	
Ethylbenzene	ug/L	97.950		100.000	5.000 U	98	%	70-130	
m&p-Xylenes	ug/L	198.550		200.000	5.000 U	99	%	70-130	
o-Xylene	ug/L	98.600		100.000	5.000 U	99	%	70-130	
1,3-Dichlorobenzene	ug/L	101.450		100.000	5.000 U	101	%	70-130	
1,4-Dichlorobenzene	ug/L	100.950		100.000	5.000 U	101	%	70-130	
1,2-Dichlorobenzene	ug/L	101.000		100.000	5.000 U	101	%	70-130	
Naphthalene	ug/L	117.600		100.000	25.000 U	118	%	70-130	
tert-Butyl alcohol (TBA)	ug/L	1109.400		1000.000	250.000 U	111	%	70-130	
1,4-Dioxane	ug/L	1147.200		1000.000	250.000 U	115	%	70-130	
tert-Amyl methyl ether (TAME)	ug/L	95.350		100.000	25.000 U	95	%	70-130	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 — Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. — PROJECT: 65 RIVER SIDE — ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	V04EWRK001	230989-1	5	12/05/2005	2241

Test Method.....: SW846 8260B — Analyst...: caox
Method Description.: Volatile Organics — Batch.....: 53030

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits		F
Vinyl chloride	ug/L	110.150	114.200	100.000	5.000	U	110 4		70-130 30		
1,1-Dichloroethene	ug/L	93.300	93.500	100.000	5.000	U	93 0		70-130 30		
Acetone	ug/L	731.600	733.950	1000.000	250.000	U	73 0		70-130 30		
Methylene chloride	ug/L	109.800	110.600	100.000	10.000	U	110 1		70-130 30		
Methyl-tert-butyl-ether (MTBE)	ug/L	88.200	88.650	100.000	5.000	U	88 1		70-130 30		
1,1-Dichloroethane	ug/L	98.950	100.250	100.000	5.000	U	99 1		70-130 30		
cis-1,2-Dichloroethene	ug/L	105.850	107.150	100.000	9.050		97 1		70-130 30		
1,1,1-Trichloroethane	ug/L	88.200	90.100	100.000	5.000	U	88 2		70-130 30		
Carbon tetrachloride	ug/L	96.850	97.800	100.000	5.000	U	97 1		70-130 30		
Benzene	ug/L	104.450	106.050	100.000	5.000	U	104 2		70-130 30		
1,2-Dichloroethane	ug/L	89.000	89.250	100.000	5.000	U	89 0		70-130 30		
Trichloroethene (TCE)	ug/L	248.350	251.300	100.000	148.400		100 1		70-130 30		
Toluene	ug/L	101.650	103.700	100.000	5.000	U	102 2		70-130 30		
1,1,2-Trichloroethane	ug/L	107.250	107.550	100.000	5.000	U	107 0		70-130 30		
Tetrachloroethene	ug/L	104.600	106.450	100.000	5.000	U	105 2		70-130 30		
Ethylbenzene	ug/L	97.000	97.950	100.000	5.000	U	97 1		70-130 30		
m&p-Xylenes	ug/L	197.250	198.550	200.000	5.000	U	99 1		70-130 30		
o-Xylene	ug/L	98.300	98.600	100.000	5.000	U	98 0		70-130 30		
1,3-Dichlorobenzene	ug/L	100.000	101.450	100.000	5.000	U	100 1		70-130 30		
1,4-Dichlorobenzene	ug/L	100.050	100.950	100.000	5.000	U	100 1		70-130 30		
1,2-Dichlorobenzene	ug/L	100.250	101.000	100.000	5.000	U	100 1		70-130 30		
Naphthalene	ug/L	116.900	117.600	100.000	25.000	U	117 1		70-130 30		
tert-Butyl alcohol (TBA)	ug/L	1078.800	1109.400	1000.000	250.000	U	108 3		70-130 30		
1,4-Dioxane	ug/L	1158.850	1147.200	1000.000	250.000	U	116 1		70-130 30		
tert-Amyl methyl ether (TAME)	ug/L	92.950	95.350	100.000	25.000	U	93 3		70-130 30		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: SW846 8260B Analyst...: caox
Method Description.: Volatile Organics Batch.....: 53188

LCD	Laboratory Control Sample Duplicate	V04EWRK001			12/07/2005	1100

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vinyl chloride	ug/L	21.630	22.070	20.000	1.000 U	108.2		70.0-130.0	
						2.0		25.0	
1,1-Dichloroethene	ug/L	18.500	18.870	20.000	1.000 U	92.5		70.0-130.0	
						2.0		25.0	
Acetone	ug/L	146.610	145.590	200.000	50.000 U	73.3		70.0-130.0	
						0.7		25.0	
Methylene chloride	ug/L	22.230	22.550	20.000	2.000 U	111.2		70.0-130.0	
						1.4		25.0	
Methyl-tert-butyl-ether (MTBE)	ug/L	18.920	19.060	20.000	1.000 U	94.6		70.0-130.0	
						0.7		25.0	
1,1-Dichloroethane	ug/L	19.910	20.090	20.000	1.000 U	99.5		70.0-130.0	
						0.9		25.0	
cis-1,2-Dichloroethene	ug/L	19.220	19.500	20.000	1.000 U	96.1		70.0-130.0	
						1.4		25.0	
1,1,1-Trichloroethane	ug/L	17.450	17.800	20.000	1.000 U	87.2		70.0-130.0	
						2.0		25.0	
Carbon tetrachloride	ug/L	18.500	18.820	20.000	1.000 U	92.5		70.0-130.0	
						1.7		25.0	
Benzene	ug/L	20.620	20.990	20.000	1.000 U	103.1		70.0-130.0	
						1.8		25.0	
1,2-Dichloroethane	ug/L	17.160	17.390	20.000	1.000 U	85.8		70.0-130.0	
						1.3		25.0	
Trichloroethene (TCE)	ug/L	20.370	20.700	20.000	1.000 U	101.8		70.0-130.0	
						1.6		25.0	
Toluene	ug/L	19.720	20.230	20.000	1.000 U	98.6		70.0-130.0	
						2.6		25.0	
1,1,2-Trichloroethane	ug/L	21.000	20.890	20.000	1.000 U	105.0		70.0-130.0	
						0.5		25.0	
Tetrachloroethene	ug/L	20.260	20.980	20.000	1.000 U	101.3		70.0-130.0	
						3.5		25.0	
Ethylbenzene	ug/L	19.220	19.420	20.000	1.000 U	96.1		70.0-130.0	
						1.0		25.0	
m&p-Xylenes	ug/L	39.170	39.450	40.000	1.000 U	97.9		70.0-130.0	
						0.7		25.0	
o-Xylene	ug/L	19.340	19.520	20.000	1.000 U	96.7		70.0-130.0	
						0.9		25.0	
1,3-Dichlorobenzene	ug/L	19.630	19.950	20.000	1.000 U	98.2		70.0-130.0	
						1.6		25.0	
1,4-Dichlorobenzene	ug/L	19.730	19.770	20.000	1.000 U	98.7		70.0-130.0	
						0.2		25.0	
1,2-Dichlorobenzene	ug/L	19.410	19.490	20.000	1.000 U	97.0		70.0-130.0	
						0.4		25.0	
Naphthalene	ug/L	22.380	22.590	20.000	5.000 U	111.9		70.0-130.0	
						0.9		25.0	
tert-Butyl alcohol (TBA)	ug/L	164.440	171.640	200.000	50.000 U	82.2		70.0-130.0	
						4.3		25.0	
1,4-Dioxane	ug/L	254.030	249.000	200.000	50.000 U	127.0		70.0-130.0	
						2.0		25.0	
tert-Amyl methyl ether (TAME)	ug/L	18.180	18.260	20.000	5.000 U	90.9		70.0-130.0	
						0.4		25.0	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

ACCREDITED IN ACCORDANCE WITH nelac

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V04EWRK001			12/07/2005	1032

Test Method.....: SW846 8260B
Method Description.: Volatile Organics
Batch.....: 53188
Analyst...: caox

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vinyl chloride	ug/L	22.070		20.000	1.000 U	110.3		70-130	
1,1-Dichloroethene	ug/L	18.870		20.000	1.000 U	94.3		70-130	
Acetone	ug/L	145.590		200.000	50.000 U	72.8		70-130	
Methylene chloride	ug/L	22.550		20.000	2.000 U	112.8		70-130	
Methyl-tert-butyl-ether (MTBE)	ug/L	19.060		20.000	1.000 U	95.3		70-130	
1,1-Dichloroethane	ug/L	20.090		20.000	1.000 U	100.5		70-130	
cis-1,2-Dichloroethene	ug/L	19.500		20.000	1.000 U	97.5		70-130	
1,1,1-Trichloroethane	ug/L	17.800		20.000	1.000 U	89.0		70-130	
Carbon tetrachloride	ug/L	18.820		20.000	1.000 U	94.1		70-130	
Benzene	ug/L	20.990		20.000	1.000 U	105.0		70-130	
1,2-Dichloroethane	ug/L	17.390		20.000	1.000 U	87.0		70-130	
Trichloroethene (TCE)	ug/L	20.700		20.000	1.000 U	103.5		70-130	
Toluene	ug/L	20.230		20.000	1.000 U	101.2		70-130	
1,1,2-Trichloroethane	ug/L	20.890		20.000	1.000 U	104.5		70-130	
Tetrachloroethene	ug/L	20.980		20.000	1.000 U	104.9		70-130	
Ethylbenzene	ug/L	19.420		20.000	1.000 U	97.1		70-130	
m&p-Xylenes	ug/L	39.450		40.000	1.000 U	98.6		70-130	
o-Xylene	ug/L	19.520		20.000	1.000 U	97.6		70-130	
1,3-Dichlorobenzene	ug/L	19.950		20.000	1.000 U	99.8		70-130	
1,4-Dichlorobenzene	ug/L	19.770		20.000	1.000 U	98.8		70-130	
1,2-Dichlorobenzene	ug/L	19.490		20.000	1.000 U	97.5		70-130	
Naphthalene	ug/L	22.590		20.000	5.000 U	113.0		70-130	
tert-Butyl alcohol (TBA)	ug/L	171.640		200.000	50.000 U	85.8		70-130	
1,4-Dioxane	ug/L	249.000		200.000	50.000 U	124.5		70-130	
tert-Amyl methyl ether (TAME)	ug/L	18.260		20.000	5.000 U	91.3		70-130	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: SW846 8260B Analyst...: caox
Method Description.: Volatile Organics Batch.....: 53188

MB	Method Blank				12/07/2005	1222

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vinyl chloride	ug/L	1.000 U							
1,1-Dichloroethene	ug/L	1.000 U							
Acetone	ug/L	50.000 U							
Methylene chloride	ug/L	2.000 U							
Methyl-tert-butyl-ether (MTBE)	ug/L	1.000 U							
1,1-Dichloroethane	ug/L	1.000 U							
cis-1,2-Dichloroethene	ug/L	1.000 U							
1,1,1-Trichloroethane	ug/L	1.000 U							
Carbon tetrachloride	ug/L	1.000 U							
Benzene	ug/L	1.000 U							
1,2-Dichloroethane	ug/L	1.000 U							
Trichloroethene (TCE)	ug/L	1.000 U							
Toluene	ug/L	1.000 U							
1,1,2-Trichloroethane	ug/L	1.000 U							
Tetrachloroethene	ug/L	1.000 U							
Ethylbenzene	ug/L	1.000 U							
m&p-Xylenes	ug/L	1.000 U							
o-Xylene	ug/L	1.000 U							
1,3-Dichlorobenzene	ug/L	1.000 U							
1,4-Dichlorobenzene	ug/L	1.000 U							
1,2-Dichlorobenzene	ug/L	1.000 U							
Naphthalene	ug/L	5.000 U							
tert-Butyl alcohol (TBA)	ug/L	50.000 U							
1,4-Dioxane	ug/L	50.000 U							
tert-Amyl methyl ether (TAME)	ug/L	5.000 U							

SEVERN TRENT STL
MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A
NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843
STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707
STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	M05LSPK001	52911		12/15/2005	2240

Test Method.....: SW846 6010B
Method Description.: Metals Analysis (ICP)

Batch.....: 53435

Analyst...: rac

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron (Fe)	ug/L	1150.21	1096.33	1000.00		115.0 4.8		80.0-120.0 20.0	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M05LSPK001	52911		12/15/2005	2213

Test Method.....: SW846 6010B
Method Description.: Metals Analysis (ICP)

Batch.....: 53435

Analyst...: rac

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron (Fe)	ug/L	1096.33		1000.00		109.6		80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		52911		12/15/2005	2247

Test Method.....: SW846 6010B
Method Description.: Metals Analysis (ICP)
Batch.....: 53435
Analyst...: rac

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron (Fe)	ug/L	50.00	U						

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: SW846 6010B Analyst...: rac
Method Description.: Metals Analysis (ICP) Batch.....: 53435

MS	Matrix Spike	M05KSPK005	230493-1		12/15/2005	2004

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron (Fe)	ug/L	5109.04		1000.00	4395.48	71	%	75-125	*

MS	Matrix Spike	M05LSPK001	230476-7		12/15/2005	2301

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron (Fe)	ug/L	2256.09		1000.00	882.16	137	%	75-125	*

MS	Matrix Spike	M05LSPK001	230638-11	5	12/16/2005	0008

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron (Fe)	ug/Kg	20440055.40		56690.00	20348782.57	163	%	75-125	*

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966

Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: SW846 6010B
Method Description.: Metals Analysis (ICP) Batch.....: 53435 Analyst...: rac

MSD	Matrix Spike Duplicate	M05KSPK005	230493-1		12/15/2005	2011

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron (Fe)	ug/L	4747.04	5109.04	1000.00	4395.48	35 7		75-125 20	*

MSD	Matrix Spike Duplicate	M05LSPK001	230476-7		12/15/2005	2307

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron (Fe)	ug/L	2163.82		1000.00	882.16	128		75-125	*

MSD	Matrix Spike Duplicate	M05LSPK001	230638-11	5	12/16/2005	0015

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron (Fe)	ug/Kg	18073429.65	20440055.40	56800.00	20348782.57	-4075 12		75-125 35	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	M05LSPK001	52911		12/15/2005	2240

Test Method.....: SW846 6010B Analyst...: rac
Method Description.: Metals Analysis (ICP) Batch.....: 53631

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Antimony (Sb)	ug/L	1182.13	1162.85	1000.00		118.2		80.0-120.0	
						1.6		20.0	
Arsenic (As)	ug/L	911.31	897.66	1000.00		91.1		80.0-120.0	
						1.5		20.0	
Cadmium (Cd)	ug/L	905.46	888.57	1000.00		90.5		80.0-120.0	
						1.9		20.0	
Chromium (Cr)	ug/L	942.98	921.07	1000.00		94.3		80.0-120.0	
						2.4		20.0	
Copper (Cu)	ug/L	1005.89	974.02	1000.00		100.6		80.0-120.0	
						3.2		20.0	
Lead (Pb)	ug/L	948.72	932.72	1000.00		94.9		80.0-120.0	
						1.7		20.0	
Nickel (Ni)	ug/L	939.33	916.01	1000.00		93.9		80.0-120.0	
						2.5		20.0	
Selenium (Se)	ug/L	915.40	895.29	1000.00		91.5		80.0-120.0	
						2.2		20.0	
Silver (Ag)	ug/L	186.25	182.98	200.00		93.1		80.0-120.0	
						1.8		20.0	
Zinc (Zn)	ug/L	973.24	944.49	1000.00		97.3		80.0-120.0	
						3.0		20.0	

SEVERN TRENT STL
MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A
NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843
STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707
STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M05LSPK001	52911		12/15/2005	2213

Test Method.....: SW846 6010B Analyst...: rac
Method Description.: Metals Analysis (ICP) Batch.....: 53631

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Antimony (Sb)	ug/L	1162.85		1000.00		116.3		80-120	
Arsenic (As)	ug/L	897.66		1000.00		89.8		80-120	
Cadmium (Cd)	ug/L	888.57		1000.00		88.9		80-120	
Chromium (Cr)	ug/L	921.07		1000.00		92.1		80-120	
Copper (Cu)	ug/L	974.02		1000.00		97.4		80-120	
Lead (Pb)	ug/L	932.72		1000.00		93.3		80-120	
Nickel (Ni)	ug/L	916.01		1000.00		91.6		80-120	
Selenium (Se)	ug/L	895.29		1000.00		89.5		80-120	
Silver (Ag)	ug/L	182.98		200.00		91.5		80-120	
Zinc (Zn)	ug/L	944.49		1000.00		94.4		80-120	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		52911		12/15/2005	2247

Test Method.....: SW846 6010B Analyst...: rac
Method Description.: Metals Analysis (ICP) Batch.....: 53631

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Antimony (Sb)	ug/L	6.00	U							
Arsenic (As)	ug/L	10.00	U							
Cadmium (Cd)	ug/L	1.00	U							
Chromium (Cr)	ug/L	6.89								H
Copper (Cu)	ug/L	10.00	U							
Lead (Pb)	ug/L	5.00	U							
Nickel (Ni)	ug/L	10.00	U							
Selenium (Se)	ug/L	12.83								H
Silver (Ag)	ug/L	5.00	U							
Zinc (Zn)	ug/L	50.00	U							

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: SW846 6010B Analyst...: rac
Method Description.: Metals Analysis (ICP) Batch.....: 53631

MS	Matrix Spike	M05KSPK005	230493-1		12/15/2005	2004

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Antimony (Sb)	ug/L	484.99		1000.00	6.00 U	48	%	75-125	*
Arsenic (As)	ug/L	586.81		1000.00	10.00 U	59	%	75-125	*
Cadmium (Cd)	ug/L	858.34		1000.00	1.00 U	86	%	75-125	
Chromium (Cr)	ug/L	924.65		1000.00	62.75	86	%	75-125	
Copper (Cu)	ug/L	930.33		1000.00	10.00 U	93	%	75-125	
Lead (Pb)	ug/L	876.80		1000.00	5.00 U	88	%	75-125	
Nickel (Ni)	ug/L	878.06		1000.00	15.36	86	%	75-125	
Selenium (Se)	ug/L	781.89		1000.00	10.00 U	78	%	75-125	
Silver (Ag)	ug/L	181.05		200.00	5.00 U	90	%	75-125	
Zinc (Zn)	ug/L	898.88		1000.00	50.00 U	87	%	75-125	

MS	Matrix Spike	M05LSPK001	230476-7		12/15/2005	2301

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Antimony (Sb)	ug/L	1210.35		1000.00	6.00 U	121	%	75-125	
Arsenic (As)	ug/L	922.14		1000.00	10.00 U	93	%	75-125	
Cadmium (Cd)	ug/L	892.78		1000.00	1.00 U	89	%	75-125	
Chromium (Cr)	ug/L	931.19		1000.00	6.76	92	%	75-125	
Copper (Cu)	ug/L	1018.24		1000.00	10.00 U	101	%	75-125	
Lead (Pb)	ug/L	945.35		1000.00	5.00 U	95	%	75-125	
Nickel (Ni)	ug/L	933.60		1000.00	10.00 U	93	%	75-125	
Selenium (Se)	ug/L	923.20		1000.00	10.00 U	92	%	75-125	
Silver (Ag)	ug/L	188.31		200.00	5.00 U	94	%	75-125	
Zinc (Zn)	ug/L	953.28		1000.00	50.00 U	94	%	75-125	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: SW846 6010B Analyst...: rac
Method Description.: Metals Analysis (ICP) Batch.....: 53631

MSD	Matrix Spike Duplicate	M05KSPK005	230493-1		12/15/2005	2011

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Antimony (Sb)	ug/L	496.80	484.99	1000.00	6.00	U	50 2		75-125 20	*
Arsenic (As)	ug/L	594.58	586.81	1000.00	10.00	U	60 1		75-125 20	*
Cadmium (Cd)	ug/L	809.24	858.34	1000.00	1.00	U	81 6		75-125 20	
Chromium (Cr)	ug/L	868.56	924.65	1000.00	62.75		81 6		75-125 20	
Copper (Cu)	ug/L	873.14	930.33	1000.00	10.00	U	87 6		75-125 20	
Lead (Pb)	ug/L	828.20	876.80	1000.00	5.00	U	83 6		75-125 20	
Nickel (Ni)	ug/L	829.22	878.06	1000.00	15.36		81 6		75-125 20	
Selenium (Se)	ug/L	753.93	781.89	1000.00	10.00	U	75 4		75-125 20	
Silver (Ag)	ug/L	170.39	181.05	200.00	5.00	U	85 6		75-125 20	
Zinc (Zn)	ug/L	848.06	898.88	1000.00	50.00	U	81 6		75-125 20	

MSD	Matrix Spike Duplicate	M05LSPK001	230476-7		12/15/2005	2307

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Antimony (Sb)	ug/L	1184.26		1000.00	6.00	U	118		75-125	
Arsenic (As)	ug/L	919.99		1000.00	10.00	U	92		75-125	
Cadmium (Cd)	ug/L	882.68		1000.00	1.00	U	88		75-125	
Chromium (Cr)	ug/L	925.96		1000.00	6.76		92		75-125	
Copper (Cu)	ug/L	1008.29		1000.00	10.00	U	100		75-125	
Lead (Pb)	ug/L	937.34		1000.00	5.00	U	94		75-125	
Nickel (Ni)	ug/L	921.71		1000.00	10.00	U	92		75-125	
Selenium (Se)	ug/L	925.93		1000.00	10.00	U	93		75-125	
Silver (Ag)	ug/L	185.19		200.00	5.00	U	92		75-125	
Zinc (Zn)	ug/L	954.26		1000.00	50.00	U	94		75-125	

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Test Method.....: SW846 7470A Batch.....: 53100 Analyst...: cwb
Method Description.: Mercury (CVAA) Liquid Waste Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	F	*	Limits	Date	Time
MS	230965-1		ug/L	4.57				0.80	U	91.4		%	75-125		
MD	230965-1		ug/L	0.20	U			0.80	U	0.0			20.0		
MD	231008-1	M05LSPK003	ug/L	0.20	U		5.00	0.20	U	0.0			20.0	12/06/2005	
MS	231008-1	M05LSPK003	ug/L	5.82			5.00	0.20	U	116		%	75-125	12/06/2005	0000
LCD		M05LSPK003	ug/L	5.75		5.76	5.00	5.76		115			80.0-120.	12/06/2005	0000
										0.2			20.0		
MB	53008		ug/L	0.20	U									12/06/2005	0000
LCS		M05LSPK003	ug/L	5.76			5.00			115			80-120	12/06/2005	0000

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Test Method.....: SW846 9014 Batch.....: 53094 Analyst...: kmm
Method Description.: Cyanide (Colorimetric) Test Code.: CN
Parameter.....: Cyanide, Total

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
LCS		W05KINT001	mg/L	0.11000		0.10000		110.0			80-120	12/07/2005	0000
MB			mg/L	0.01000 U								12/07/2005	0000
LCD		W05KINT001	mg/L	0.10640	0.11000	0.10000		106.4			80.0-120.	12/07/2005	0000
								3.3			20.0		

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Test Method.....: SW846 7196A Batch.....: 52943 Analyst...: kmm
Method Description.: Hexavalent Chromium Test Code.: CR6
Parameter.....: Hexavalent Chromium

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB			mg/L	0.00500 U								12/01/2005	1100
LCD		W04KLCS001	mg/L	0.04850	0.04720	0.05000		97.0			80.0-120.	12/01/2005	1100
								2.7			20.0		
LCS		W04KLCS001	mg/L	0.04720		0.05000		94.4			80-120	12/01/2005	1100

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

QUALITY CONTROL RESULTS

Job Number.: 230966 Report Date.: 12/29/2005

CUSTOMER: FSL Associates, Inc. PROJECT: 65 RIVER SIDE ATTN: Daniel Imig

Test Method.....: EPA 160.2 Batch.....: 53041 Analyst...: rwe
Method Description.: Solids, Total Suspended (TSS) Test Code.: TSS
Parameter.....: Solids, Total Suspended (TSS)

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
LCS		W05KRGT038	mg/L	449.00000		500.00000		89.8			85-115	12/05/2005	0000
LCD		W05KRGT038	mg/L	482.00000	449.00000	500.00000		96.4			85-115	12/05/2005	0000
								7.1			20		
MB			mg/L	5.00000 U								12/05/2005	0000

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

STL WESTFIELD is part of Severn Trent Laboratories, Inc. Visit us at www.stl-inc.com.

LABORATORY CERTIFICATIONS:

MADEP MA014, NY NELAC 10843, NJ NELAC MA008 (TOX), FL NELAC E87912 (TOX), CT DPH 0494, NY DOH 10843, NH DES 253901-A, VT DECWSD, RI DOH 57.

LOCATION:

STL Westfield: 53 Southampton Rd, Westfield, MA 01085. Phone: (413) 572-4000 Fax: (413) 572-3707

STL Service Center: 148 Rangeway Rd. N. Billerica, MA 01862. Phone: (978) 667-1400 Fax: (978) 667-7871

DATA REPORTING QUALIFIERS AND TERMINOLOGY:

A number of data qualifiers are widely used within the environmental testing industry and may be utilized in our data reports. The majority of the qualifiers have evolved from the EPA Contract Laboratory Program (CLP).

REPORT COMMENTS:

All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Soil, sediment and sludge sample results are reported on a "dry weight" basis.

Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert.ID# 10843.

According to 40CFR Part 136.3, pH, Total Residual Chlorine and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field analyses, they were not analyzed immediately, but as soon as possible on laboratory receipt.

Analytical result(s) reported as "ND" and/or "U", indicates the analyte was analyzed for but "Not Detected."
Analytical result(s) reported as "TNTC" indicates that the microbiological test was "Too Numerous To Count."

GLOSSARY OF QUALIFIERS:

Inorganic Qualifiers (Q-column):

U Indicates that the analyte was analyzed for but not detected.
E Indicates an estimated value due to the presence of interference. When applied to GFAA analysis, indicates the one-point method of addition recovered between 40-85 percent.
B Indicates an estimated result value. The result was measured between the reporting limit and the method detection limit (MDL).
H Indicates the compound/element was found in both the sample and its associated laboratory blank. Indicates possible/probable blank contamination.

Organic Qualifiers (Q-column):

U Indicates that the compound was analyzed for but not detected.
J Indicates an estimated result value. This qualifier is used when mass spectral data indicated the presence of a compound that meets the identification criteria and the result is less than the specified quantitation limit, but greater than the method detection limit (MDL).
B Indicates that the compound was found in both the sample and its associated laboratory blank. Indicates possible/probable blank contamination and warns the data user to exercise caution when applying the results to this compound.
D Indicates all compounds identified in an analysis at a secondary dilution factor.
E Indicates that the compound in an analysis has exceeded the instrument linear calibration range.

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

GLOSSARY OF TERMS:

Surrogates (Surrogate Standards): An organic compound, which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but are not normally found in environmental samples. For semi-volatiles and pesticides/Arochlors, surrogate compounds are added to every blank, sample, matrix spike, matrix spiked duplicate, matrix spike blank (LCS), and standard. These compounds are used to evaluate analytical efficiency by measuring recovery. Poor surrogate recovery may indicate a problem with the sample composition.

Internal Standard: An organic compound, which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. For GC/MS semi-volatiles and volatiles, internal standards are added to every blank, sample, matrix spike, matrix spike duplicate, matrix spike blank (LCS), and standard. Internal standard responses outside of established limits will adversely affect the quantitation and final concentration of target compounds.

Matrix Spike (MS): An aliquot of a sample (water or soil) fortified (spiked) with known quantities of specific compounds (target analytes) and subjected to the entire analytical procedure in order to indicate the appropriateness of the method for matrix interference by measuring recovery. The spiking occurs prior to sample preparation and analysis. Poor spike recovery may indicate a problem with the sample composition.

Laboratory Control Sample (LCS): An aliquot of analyte-free reagent water or sand fortifed (spiked) with known quantities of specific compounds (target analytes) and subjected to the entire analytical procedure in order to indicate the appropriateness of the method efficiency.

Blank: An artificial sample of analyte-free water or solvent, designed to monitor the introduction of contaminates into the analytical process.

Method Dectection Limit (MDL): The minimum concentration of an analyte or compound that can be measured and reported with 99% confidence that the result concentration is greater than zero.

Petroleum Hydrocarbon Comments:

The following comments are specific to Diesel Range Organics (DRO), by GC/FID:

Results for DRO are based on chromatographable portions of the petroleum product. The Carbon Range refers to the approximate chromatographic region covered by the specified petroleum product in straight-chain carbon units between C9-C36.

Quantitation is based on the average response factors for a series of hydrocarbons standards. The sample result from the DRO fraction is independent of the target compound assignment.

Samples yielding chromatographic patterns that do not agree with any of the method targets are reported as "unmatched".

SEVERN TRENT STL

MADEP MA014
RIDOH57
CTDPH 0494
VT DECWSD
NH DES 253903-A

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NY DOH 10843

STL Westfield
53 Southampton Rd.
Westfield, MA 01085
Tel: (413) 572-4000
Fax: (413) 572-3707

STL Billerica-Service Center
148 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

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: 243128

Prepared For:

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

Project: Westfield

Attention: Becky Mason

Date: 12/28/2005

Bonnie Stadelmann
Signature

12/28/05
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.

S A M P L E I N F O R M A T I O N
Date: 12/28/2005

Job Number.: 243128
Customer...: Severn Trent Laboratories
Attn.....: Becky Mason

Project Number.....: 20000230
Customer Project ID....: WESTFIELD 230966
Project Description....: Westfield

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
243128-1	230966-1	Water	11/28/2005	13:00	12/23/2005	10:20

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 243128

Date: 12/28/2005

CUSTOMER: Severn Trent Laboratories | PROJECT: WESTFIELD 230966 | ATTN: Becky Mason

Customer Sample ID: 230966-1
Date Sampled.....: 11/28/2005
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 243128-1
Date Received.....: 12/23/2005
Time Received.....: 10:20

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	169218		12/23/05 1633	nrp

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY CHRONICLE

Job Number: 243128 Date: 12/28/2005

CUSTOMER: Severn Trent Laboratories PROJECT: WESTFIELD 230966 ATTN: Becky Mason

Lab ID: 243128-1 Client ID: 230966-1 Date Recvd: 12/23/2005 Sample Date: 11/28/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
1664A	O&G/TPH Gravimetric (HEM)	1	169218	169218	12/23/2005 1633	
PKG INO (WC)	PKG INO (WET CHEMISTRY)	1				

QUALITY CONTROL RESULTS

Job Number.: 243128

Report Date.: 12/28/2005

CUSTOMER: Severn Trent Laboratories PROJECT: WESTFIELD 230966 ATTN: Becky Mason

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

Batch.....: 169218
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	169218-001		mg/L	1.90000 U								12/23/2005	1630
LCS	169218-002	IO5KSTGR1	mg/L	31.00000		40.00000	1.90000 U	78		%	78-114	12/23/2005	1631

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 12/28/2005

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	Calibration 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.

12/22/2005

STL Westfield
53 Southampton Rd.
Westfield, MA 01085

243128

RE: Subcontracting Chain of Custody

STL WF PM:	Rebecca C. Mason
Telephone Number:	413-572-4000
PO/Job#:	230966
Client:	FSL Associates, Inc.
Final Report Due Date:	12/07/2005 by 3pm
Report Type:	batch QC
EDD Type:	none
QC Billable:	N

Samp#	Sample I.D.	Sampled	Time
1	Influent	11/28/2005	1300

Please run QC on sample:

Mthds	Method Description / Sample Distribution	#of	Analytical Mthd / Unit Price	Extended
1664	O&G Gravimetric (HEM)		Method 1664	
1		1	[redacted]	[redacted]
			Total Cost	[redacted]

Matrix: groundwater
Bottle Type & Number: amber liter

Ship To: STL chicago
Ship Date: 12/22/05

Special Instructions: Must be extracted on 12/23.

Relinquished By:
Signature: _____ Date: 12/22/5 Time: 0900
Received By:
Signature: _____ Date: 12/23/05 Time: 1020
Relinquished By:
Signature: Date: Time:
Received By:
Signature: Date: Time:

rpjsckl | Job Sample Receipt Checklist Report | V2

Job Number.: 230966 Location.: 57345 Check List Number.: 1 Description.:
Customer Job ID.....: Job Check List Date.: Date of the Report..: 12/01/2005
Project Number.: 20002098 Project Description.: Laboratory Analysis Project Manager.....: bcm
Customer.....: FSL Associates, Inc. Contact.: Daniel Imig

Questions ?	(Y/N)	Comments
Chain-of-Custody Present?	Y	
...If "yes", completed properly?	Y	
Custody seal on shipping container?	N	
...If "yes", custody seal intact?		
Custody seals on sample containers?	N	
...If "yes", custody seal intact?		
Samples iced?	Y	
Temperature of cooler acceptable? (4 deg C +/- 2).	Y	
...Temperature at receipt_____		4.6 C
Samples received intact (good condition)?	Y	
Volatile samples acceptable? (no headspace)	Y	
Is a Trip Blank required?	Y	
Was a Trip Blank provided?	Y	
Correct containers used?	Y	
Adequate sample volume provided?	Y	
Samples preserved correctly?	Y	
Samples received within holding-time?	N	Hex Chrome sample received outside of 48 Hour holding time.
Agreement between COC and sample labels?	Y	
Comments		stl pickup
If samples were shipped was there an air bill #?		
Sample Custodian Signature/Date		kar 12012005 kar 12/01/05

This is Page 1(A)

Severn Trent Laboratories, Inc.
Chain of Custody Form

SEVERN TRENT STL

22027

230966

•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: FSL ASSOC. INC
Address: 18 SHEPARD ST
BRIGHTON, MA 02135
Phone: 617-787-1440 Fax: 617-787-5843

Project #: 65 RIVERSIDE
Project Manager: DAN IMIG
Work ID:
Contact: DAN IMIG

Job# 3400-6360 KM | Quote# | PO#

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

Regulatory Classification
NPDES ____ 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
In Client	GW	RM	11-28-05 1200	✓		1	P							✓													
"	"	"	"	✓		1	P							✓													
"	"	"	"	✓		1	P					✓															
"	"	"	"	✓		1	P		✓												✓						
"	"	"	"	✓		4	G				✓				✓												
"	"	"	"	✓		2	G							✓			✓										
"	"	"	"	✓		1	G							✓				✓									
"	"	"	"	✓		2	G				✓																
TRIP BLANK	"		11-28-05 1500	✓		2	G				✓																
																									11/30/05		

Trip blank date/time taken from label (11/30/05 KM

TSS HEX, Cr
Res Cl.
CYANIDE

TPH 1664

Sampled by (print): Richard Morelli Signature: Richard Morelli

Cooler ? (Y) / N | MADEP Samples

Relinquished by: Richard Morelli	Date: 11-28-05	Time: 3:00	Received by: FSL FRIDGE	Date: 11/28/05	Time: 3:00
Relinquished by: [signature]	Date: 11/30/05	Time: 13:30	Received by: [signature]	Date: 11/30/05	Time: 13:30
Relinquished by: [signature]	Date: 11/30/05	Time: 1730	Received by: [signature]	Date: 11/30/05	Time: 1730

Temp @ receipt: 5
4.6°C @ STL WESTF +1D
Preservation / pH checked? Y / N
By: WM Date: 11/30/05

STL WESTFIELD [signature] 11/30/05 1940 Page 1 of 1 KAW 11/30/05

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

STL-8245 (1000)