Northeast
Generation Services

The Northeast Utilities System

301 Hammer Mill Road
Rocky Hill, CT 06067

tel: 866-647-7693
fax: 860-810-1720

January 31, 2006

D23272

FEB - 2 2006

Ms. Olga Vergara
U. S. Environmental Protection Agency
Region I - New England
One Congress Street - Suite 1100 (CMU)
Boston, Massachusetts 02114

Reference: Letter (C09969), D.W. Tordoff to W.J. Nadeau, dated April 7, 2000.

Dear Ms. Vergara:

Mt. Tom Station
Groundwater Treatment System for DEP Site #1-0907
Notice of Intent for the Remediation General Permit, Permit No. MPG910000

Pursuant to 40 CFR Section 122.21(b), Northeast Generation Services Company (NGS), as Operator of the Mt. Tom Station in Holyoke, MA and as agent for Holyoke Water Power Company (HWP), submits a Notice of Intent (NOI) for the Remediation General Permit (RGP) for the discharge of the groundwater treatment system at HWP's Mt. Tom Station.

The groundwater treatment system consists of a single recovery well (RW-1) equipped with a two-pump recovery system. Free product (No. 2 fuel oil) is pumped to a 55-gallon collection drum, while the recovered groundwater from the water table depression pump is routed to an aeration chamber followed by an oil/water separator with activated carbon filters. The water is then discharged to the on-site wastewater treatment system, which operates under the National Pollution Discharge Elimination System (NPDES) Permit (#MAD0005339).

In the Reference, HWP was given approval for an Emergency Exclusion under Mt. Tom Station's NPDES Permit. The groundwater treatment system has been in operation since May 2000 and analytical monthly data demonstrates the discharge from the system conforms to the analytical limits established under the Emergency Exclusion. During September 2005, NGS was informed the United States Environmental Protection Agency (EPA) finalized the RGP for discharges from groundwater remediation and miscellaneous surface water activities in Massachusetts. NGS understands that it is obligated to complete a NOI for the RGP. The completed NOI is in Attachment 1.

Until NGS receives further guidance from EPA, the groundwater treatment system will continue to operate under the NPDES Emergency Exclusion and monthly reports will continued to be filed with EPA.

If you have any questions or require additional information, please call Mr. James T. Adamik, Northeast Utilities Service Company - Environmental Audit and Remediation, at (860) 665-3045.

Very truly yours,

NORTHEAST GENERATION SERVICES COMPANY
As Agent For HOLYOKE WATER POWER COMPANY

Dennis R. Brown - Director of Asset Operations

CC:

Mr. Richard Green
Bureau of Waste Site Cleanup
Massachusetts Department of Environmental Protection
436 Dwight Street
Springfield, Massachusetts 01103

ATTACHMENT 1 – NOTICE OF INTENT FOR THE GROUNDWATER TREATMENT SYSTEM AT MOUNT TOM STATION IN HOLYOKE, MASSACHUSETTS

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:
Mount Tom Station</td><td colspan="4">Facility/site address:
U.S. Route 5, Smith's Ferry
200 Northampton Street</td></tr>
<tr><td>Location of facility/site:
longitude: 72.60 latitude: 42.28</td><td>Facility SIC code(s):
4911</td><td colspan="4">Street:
U.S. Route 5, Smith's Ferry
200 Northampton Street</td></tr>
<tr><td colspan="2">b) Name of facility/site owner: Holyoke Water Power Company</td><td colspan="4">Town: Holyoke</td></tr>
<tr><td colspan="2" rowspan="2">Email address of owner:
Murrajs@NU.com</td><td rowspan="2">State:
MA</td><td rowspan="2">Zip:
01040</td><td colspan="2" rowspan="2">County:
Hampden</td></tr>
<tr><td colspan="2">Telephone no.of facility/site owner: (413) 536-9562</td></tr>
<tr><td colspan="2">Fax no. of facility/site owner: (413) 436-9513</td><td colspan="4" rowspan="2">Owner is (check one): 1. Federal____ 2. State/Tribal____
3. Private ✓ 4. other, if so, describe:</td></tr>
<tr><td colspan="2">Address of owner (if different from site):</td></tr>
<tr><td colspan="6">Street:</td></tr>
<tr><td colspan="2">Town:</td><td>State:</td><td>Zip:</td><td colspan="2">County:</td></tr>
<tr><td colspan="2" rowspan="2">c) Legal name of operator:
Holyoke Water Power Company (HWP)</td><td colspan="4">Operator telephone no: (413) 536-9562</td></tr>
<tr><td colspan="2">Operator fax no.: (413) 536-9513</td><td colspan="2">Operator email:
Murrajs@NU.com</td></tr>
<tr><td colspan="6">Operator contact name and title: Mr. John S. Murray, Station Manager, Northeast Generation Services as agent for HWP</td></tr>
</table>

Address of **operator** (if different from owner):	Street:		
Town:	State:	Zip:	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: 00-092
2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge? Yes ✓ No___, if "yes," date and tracking #: 5/31/2000 , D15718
3. Is the discharge a "new discharge"as defined by 40 CFR 122.2? Yes ✓ No___
4. For sites in Massachusetts, is the discharge covered under the MA Contingency Plan (MCP) and exempt from state permitting? Yes ✓ No___

e) Is site/facility subject to any State permitting or other action which is causing the generation of discharge? Yes___ No ✓ If "yes," please list: 1. site identification # assigned by the state of NH or MA: 2. permit or license # assigned: 3. state agency contact information: name, location, and telephone number:	f) Is the site/facility covered by any other EPA permit, including: 1. multi-sector storm water general permit? Y___ N ✓, if Y, number: 2. phase I or II construction storm water general permit? Y___ N ✓, if Y, number: 3. individual NPDES permit? Y ✓ N___, if Y, number: MA00005339 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:

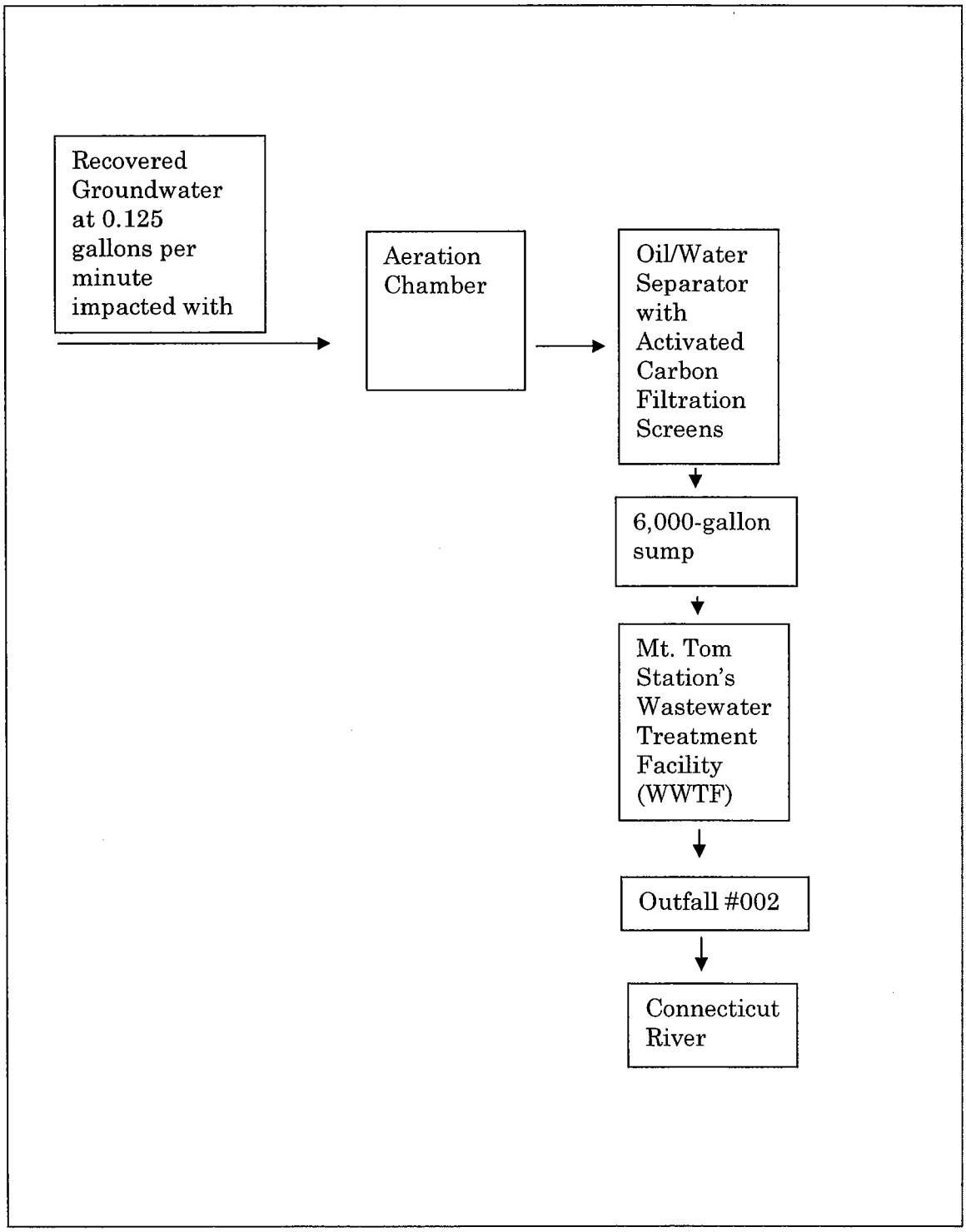
The owner/applicant is seeking coverage for the discharge of recovered groundwater from beneath a No. 2 Fuel Oil Spill. Currently, groundwater is recovered, passes through an aeration chamber, an oil/water separator and activated carbon filters before the waste stream discharges to the Mt Tom Station Wastewater Treatment Facility.

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 2X10^{-4} Average flow 2X10^{-4} Is maximum flow a **design value**? Y___ N ✓ For average flow, include the units and appropriate notation if this value is a design value or estimate if not available.

3) Latitude and longitude of each discharge within 100 feet: pt.1:long. 72.6 lat. 42.28 ; pt.2: long._____ lat._____; pt.3: long._____ lat._____; pt.4:long._____ lat._____; pt.5: long._____ lat._____; pt.6:long._____ lat._____; pt.7: long._____ lat._____; pt.8:long._____ lat._____; etc.

4) If hydrostatic testing, total volume of the discharge (gals):	5) Is the discharge intermittent_____or seasonal_____? Is discharge ongoing Yes ✓ No_____?
c) Expected dates of discharge (mm/dd/yy): start 05/20/00 end_____	
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).	

4d A line drawing showing flow from the groundwater recovery well to the 6,000-gallon sump of the Wastewater Treatment Facility to Outfall #002 into the Connecticut 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 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)
1. Total Suspended Solids		✓	1	Grab	2540D	5000	184000	0.125	184000	0.125
2. Total Residual Chlorine	✓		1	Grab	4500	0.02	<0.02		<0.02	
3. Total Petroleum Hydrocarbons		✓	1	Grab	8100	190	6330	0.00428	6330	0.00042
4. Cyanide	✓		1	Grab	4500	10	<10		<10	
5. Benzene		✓	1	Grab	8260	1	12.5	0.00001	12.5	0.00001
6. Toluene	✓		1	Grab	8260	1	<1		<1	
7. Ethylbenzene		✓	1	Grab	8260	1	17	0.00001	17	0.00001
8. (m,p,o) Xylenes		✓	1	Grab	8260	1	47.8	0.00003	47.8	0.00003
9. Total BTEX[4]		✓	1	Grab	8260	1	77.3	0.00005	77.3	0.00005

[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)	✓		1	Grab	504.1	0.2	<0.2		<0.2	
11. Methyl-tert-Butyl Ether (MtBE)	✓		1	Grab	8260	2	<2		<2	
12. tert-Butyl Alcohol (TBA)	✓		1	Grab	8260	20	<20		<20	
13. tert-Amyl Methyl Ether (TAME)	✓		1	Grab	8260	0.5	<0.5		<0.5	
14. Naphthalene		✓	1	Grab	8260	2	92.2	0.00006	92.2	0.00006
15. Carbon Tetra-chloride	✓		1	Grab	8260	1	<1		<1	
16. 1,4 Dichlorobenzene	✓		1	Grab	8260	1	<1		<1	
17. 1,2 Dichlorobenzene	✓		1	Grab	8260	1	<1		<1	
18. 1,3 Dichlorobenzene	✓		1	Grab	8260	1	<1		<1	
19. 1,1 Dichloroethane	✓		1	Grab	8260	1	<1		<1	
20. 1,2 Dichloroethane	✓		1	Grab	8260	1	<1		<1	
21. 1,1 Dichloroethylene	✓		1	Grab	8260	1	<1		<1	
22. cis-1,2 Dichloro-ethylene	✓		1	Grab	8260	1	<1		<1	
23. Dichloromethane (Methylene Chloride)	✓		1	Grab	624	2	<2		<2	
24. Tetrachloroethylene	✓		1	Grab	8260	1	<1		<1	

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	✓		1	Grab	8260	1	<1		<1	
26. 1,1,2 Trichloroethane	✓		1	Grab	8260	1	<1		<1	
27. Trichloroethylene	✓		1	Grab	8260	1	<1		<1	
28. Vinyl Chloride	✓		1	Grab	8260	2	<2		<2	
29. Acetone	✓		1	Grab	8260	50	<50		<50	
30. 1,4 Dioxane	✓		1	Grab	8260	50	<50		<50	
31. Total Phenols	✓		1	Grab	625	10	<10		<10	
32. Pentachlorophenol	✓		1	Grab	8270	1	<1		<1	
33. Total Phthalates [5] (Phthalate esthers)	✓		1	Grab	8270	1	<1		<1	
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✓		1	Grab	8270	1	<1		<1	
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)										
a. Benzo(a) Anthracene	✓		1	Grab	8270	0.05	<0.05		<0.05	
b. Benzo(a) Pyrene	✓		1	Grab	8270	0.01	<0.01		<0.01	
c. Benzo(b)Fluoranthene	✓		1	Grab	8270	0.05	<0.05		<0.05	
d. Benzo(k) Fluoranthene	✓		1	Grab	8270	0.2	<0.2		<0.2	
e. Chrysene	✓		1	Grab	8270	0.2	<0.2		<0.2	

[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	✓		1	Grab	8270	0.5	<0.5		<0.5	
g. Indeno(1,2,3-cd) Pyrene	✓		1	Grab	8270	0.5	<0.5		<0.5	
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)										
h. Acenaphthene		✓	1	Grab	8270	0.3	3.28	0.000002	3.28	0.000002
i. Acenaphthylene	✓		1	Grab	8270	0.3	<0.3		<0.3	
j. Anthracene	✓		1	Grab	8270	0.2	<0.2		<0.2	
k. Benzo(ghi) Perylene	✓		1	Grab	8270	0.5	<0.5		<0.5	
l. Fluoranthene	✓		1	Grab	8270	0.5	<0.5		<0.5	
m. Fluorene		✓	1	Grab	8270	1	6.03	0.000004	6.03	0.000004
n. Naphthalene-		✓	1	Grab	8270	1	14.6	0.00001	14.6	0.00001
o. Phenanthrene		✓	1	Grab	8270	0.1	5.8	0.000004	5.8	0.000004
p. Pyrene	✓		1	Grab	8270	1	<1		<1	
37. Total Polychlorinated Biphenyls (PCBs)	✓		1	Grab	608	0.2	<0.2		<0.2	
38. Antimony	✓		1	Grab	3113	1.5	<1.5		<1.5	
39. Arsenic	✓		1	Grab	200.7	50	<50		<50	
40. Cadmium	✓		1	Grab	200.7	5	<5		<5	
41. Chromium III	✓		1	Grab	200.7	4	<4		<4	
42. Chromium VI	✓		1	Grab	3500	4	<4		<4	

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
43. Copper	✓		1	Grab	200.7	5	<5		<5	
44. Lead	✓		1	Grab	200.7	15	<15		<15	
45. Mercury	✓		1	Grab	200.7	0.04	<0.04		<0.04	
46. Nickel	✓		1	Grab	200.7	5	<5		<5	
47. Selenium	✓		1	Grab	200.7	50	<50		<50	
48. Silver	✓		1	Grab	3113	5	<5		<5	
49. Zinc		✓	1	Grab	200.7	10	117	0.00008	117	0.00008
50. Iron		✓	1	Grab	200.7	20	13400	0.00907	13400	0.00907
Other (describe):										

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

Step 1: Do any of the metals in the influent have a **reasonable potential** to exceed the effluent limits in Appendix III (i.e., the limits set at zero to five dilutions)? Y ✓ N___	If yes, which metals? Zinc and 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: >100 DF: 1.5×10^7	Look up the limit calculated at the corresponding dilution factor in **Appendix IV.** Do any of the metals in the **influent** have the potential to exceed the corresponding **effluent** limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y ✓ N___ If "Yes," list which metals: Iron

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

a) A description of the treatment system, including a schematic of the proposed or existing treatment system:
See 2d

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 0.125 Maximum flow rate of treatment system 0.125 Design flow rate of treatment system _____

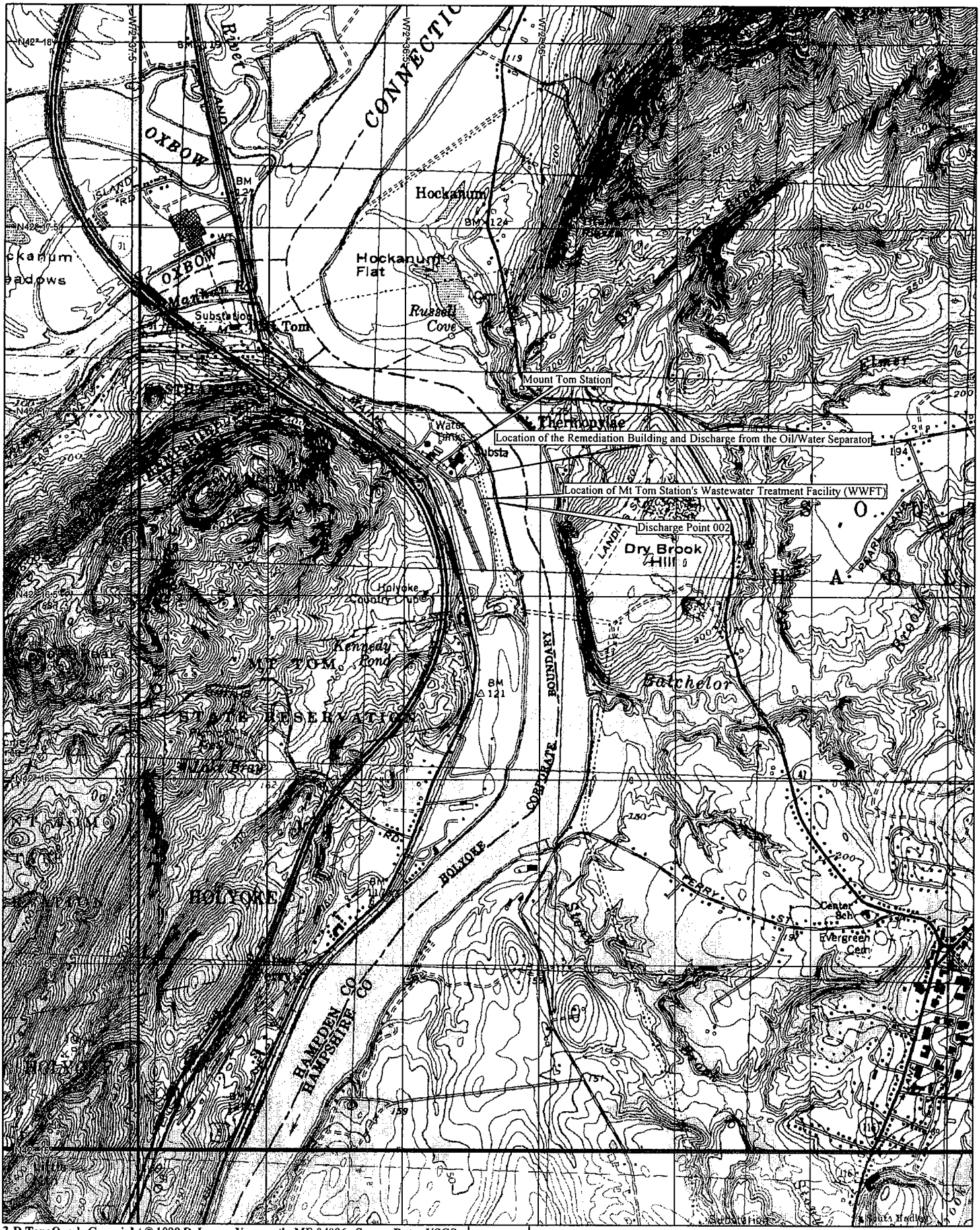
d) A description of chemical additives being used or planned to be used (attach MSDS sheets):
None

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

a) Identify the discharge pathway:	Direct____	Within facility ✓	Storm drain____	River/brook____	Wetlands____	Other (describe):

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

Recovered groundwater is pumped into an aeration chamber, followed by an oil/water separator with activated carbon filters. The water discharges from the oil/water separator to a 6,000-gallon sump. From the sump, the water is pumped to the Mt Tom Wastewater Treatment Facility (WWTF) where it is combined with other plant waste water streams. All waste waters are treated at the WWTF to meet the discharge limits of Outfall #2 under NPDES Permit #MAD000846105. The treated waste water is finally dischrged to the Connecticut River.



 1000 ft Scale: 1 : 25,000 Detail: 13-0 Datum: WGS84

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

d) Provide the state water quality classification of the receiving water B,

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 4,435 cfs
Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Yes ✓ No___ If yes, for which pollutant(s)?
0300 Priority organics and 1700 Pathogens

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

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

a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes ✓ No___
Has any consultation with the federal services been completed ? No___ or is consultation underway? No___
What were the results of the consultation with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service (~~check~~ one): Yes
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.

Additional Responses:

5c. Sanitary wastes at the Mount Tom Station are directed to an on-site septic system. The cloest drinking water supply is a public water supply well at Thermopylae, which is approximately 1/3 mile east of the Station. The Connecticut River lies between Mount Tom Station and the public supply well and should provide a hydraulic barrier to any discharges from the Mount Tom Station.

5e. Reported 7Q10 flow is not available for the Connecticut River due to heavy anthropogenic regulation. A review of continuous stream-gaging stations on the Connecticut River was made. The search revealed the lowest mean daily flow from an upstream Connecticut River site at Montague City, MA (Station ID# 01170500) of 4,435 cubic feet per second over 101 years of record. This value was used in the dilution calculations.

6a. The Massachusetts Natural Heritage and Endagered Species Program (NHESP) was contacted. A copy of their response is attached.

6b. A review of the website for the National Register of Historic Places revealed no historic sites are located in proximity to the discharge. the website for the Massachusetts Tribal Historic Preservation Officies was reviewed. It appears there are no significantly historic tribal sites in proximity to the discharge.

Commonwealth of Massachusetts

Division of Fisheries & Wildlife

MassWildlife

Wayne F. MacCallum, *Director*

November 6, 2005

James T. Adamik
Northeast Utilities Service Company
107 Selden Street
Berlin, CT 06037

Re: Mount Tom Generating Station
Holyoke, MA
NHESP Tracking No. 05-18676

Dear Mr. Adamik :

Thank you for contacting the Natural Heritage and Endangered Species Program ("NHESP") of the MA Division of Fisheries & Wildlife for information regarding state-protected rare species in the vicinity of the above referenced site. We have reviewed the site and would like to offer the following comments.

This project site, or a portion thereof, is located **within** *Priority Habitat 44* (PH 44) and *Estimated Habitat 228* (WH 228) as indicated in the 11th Edition of the Massachusetts Natural Heritage Atlas. Our database indicates that the following state-listed rare species have been found in the vicinity of the site:

Scientific name	Common Name	Taxonomic Group	State Status
Acipenser brevirostrum	Shortnose Sturgeon	Fish	Endangered
Lampsilis cariosa	Yellow Lampmussel	Mussel	Endangered
Solidago ptarmicoides	Upland White Aster	Plant	Endangered
Ligumia nasuta	Eastern Pondmussel	Mussel	Special Concern
Haliaeetus leucocephalus	Bald Eagle	Bird	Endangered
Gomphus abbreviatus	Spine-Crowned Clubtail	Dragonfly	Endangered
Gomphus fraternus	Midland Clubtail	Dragonfly	Endangered
Gomphus vastus	Cobra Clubtail	Dragonfly	Special Concern
Gomphus ventricosus	Skillet Clubtail	Dragonfly	Special Concern
Neurocordulia yamaskanensis	Stygian Shadowdragon	Dragonfly	Special Concern
Stylurus amnicola	Riverine Clubtail	Dragonfly	Endangered
Stylurus scudderi	Zebra Clubtail	Dragonfly	Endangered
Stylurus spiniceps	Arrow Clubtail	Dragonfly	Threatened

The species listed above are protected under the Massachusetts Endangered Species Act (MESA) (M.G.L. c. 131A) and its implementing regulations (321 CMR 10.00). State-listed wildlife are also protected under the state's Wetlands Protection Act (WPA) (M.G.L. c. 131, s. 40) and its implementing regulations (310 CMR 10.37 and 10.59). Fact sheets for most state-listed rare species can be found on our website http://www.nhesp.org.

Division of Fisheries and Wildlife
Field Headquarters, One Rabbit Hill Road, Westborough, MA 01581 (508) 792-7270 Fax (508) 792-7275
An Agency of the Department of Fisheries, Wildlife & Environmental Law Enforcement

Please note that projects and activities located within Priority and/or Estimated Habitat **must** be reviewed by the NHESP for compliance with the state-listed rare species protection provisions of MESA (321 CMR 10.00) and/or the WPA (310 CMR 10.00). If the project site is within Estimated Habitat for Rare Wildlife and a Notice of Intent (NOI) is required, then a copy of the NOI must be submitted to the NHESP in a timely manner, so that it is received at the same time as the local conservation commission. If the proposed project is located within a Priority Habitat and is not exempt from review (see 321 CMR 10.14), then project plans, a fee, and other required filing materials must be sent to NHESP Environmental Review to determine whether a probable "take" under the MA Endangered Species Act would occur (321 CMR 10.18). Please note that all proposed and anticipated development must be disclosed, as MESA does not allow project segmentation (321 CMR 10.16). For a MESA filing checklist and additional information about the MESA review process, please see our website: www.nhesp.org under the "Regulatory Review" tab. On a case by case basis, field surveys and habitat assessments may be required as part of the MESA review process in order to locate rare species on the project site, and to determine their patterns of distribution and habitat use.

We recommend that rare species habitat concerns be addressed during the project design phase prior to submission of a formal MESA filing, as avoidance and minimization of impacts to rare species and their habitats is likely to expedite endangered species regulatory review.

MA Endangered Species Act (M.G.L. c. 131A)
If NHESP determines that the proposed project would "take" a rare species, then it may be possible to redesign the project to avoid a "take." If such revisions are not possible, the applicant should note that projects resulting in the "take" of state-protected wildlife may only be permitted if they meet the performance standards for a "Conservation and Management Permit" under MESA (321 CMR 10.23). Please note that projects resulting in a "take" may require submission of an Environmental Notification Form, pursuant to the MA Environmental Policy Act regulations (301 CMR 11.00).

Wetlands Protection Act
If the NHESP determines that the proposed project will adversely affect the actual Resource Area habitat of state-protected wildlife, than the proposed project may not be permitted (310 CMR 10.37, 10.58(4)(b) & 10.59). In such a case, the project proponent may request a consultation with the NHESP to discuss potential project design modifications that would avoid adverse effects to rare wildlife habitat.

This evaluation is based on the most recent information available in the Natural Heritage database, which is constantly being expanded and updated through ongoing research and inventory. Should your site plans change, or new rare species information become available, this evaluation may be reconsidered. If you have any questions regarding this review please call Joanne Theriault, Environmental Review Assistant, at (508) 792-7270, ext. 310.

Sincerely,

Thomas W. French, Ph.D.
Assistant Director

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: Mount Tom Station

Operator signature: Dennis R Brown

Title: Dennis R. Brown, Director of Asset Operations at Northeast Generation Services as agent for Holyoke Water Power Company

Date: 1/31/06

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REPORT DATE 12/13/2005

NORTHEAST UTILITIES
P.O. BOX 270
HARTFORD, CT 06141
ATTN: JIM ADAMIK

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 02209311

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-93598
JOB NUMBER: -

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: MT TOM

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
SYSTEM INTAKE	05B46683	WATER OTHE	NOT SPECIFIED	504 - edb
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	8082 water
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	8260 water
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	8270 water
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	chlorine tot res
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	chromium (+6)
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	cu (mg/l) icp
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	cyanide h2o mcp
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	fe (mg/l) icp
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	metals-8 h20 icp
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	ni (mg/l) icp
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	phenols
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	sb (mg/l) fum
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	tph gc h2o 8100m
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	tss
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	wet special test
SYSTEM INTAKE	05B46684	WATER OTHE	NOT SPECIFIED	zn (mg/l) icp
TRIP BLANK	05B46681	WATER OTHE	NOT SPECIFIED	504 - edb
TRIP BLANK	05B46682	WATER OTHE	NOT SPECIFIED	8260 water

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LIMS BAT #: LIMS-93598
JOB NUMBER: -

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

Comments :

LIMS BATCH NO. : LIMS-93598

CASE NARRATIVE SUMMARY

FOR METHOD SW846-6010, THE METHOD BLANK FOR IRON AND ZINC WAS ABOVE THE REPORTING LIMIT. RESULTS FOR THESE ELEMENTS MAY BE BIASED ON THE HIGH SIDE.

FOR METHOD SW846-7196A, THE MATRIX SPIKE, MATRIX SPIKE DUPLICATE, AND INTERFERENCE VERIFICATION WERE PERFORMED ON SAMPLE 05B46684. ALL WERE OUTSIDE OF CONTROL LIMITS, DUE TO AN INTERFERENCE CREATED FROM A HIGH IRON CONTENT.

IN METHOD 8260 WATER, FOR THE FOLLOWING SAMPLES AND COMPOUNDS, REPORTED RESULTS ARE ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

SAMPLE	COMPOUND
05B46682 + 84	1,4-DIOXANE
05B46682	2,2-DICHLOROPROPANE

IN METHOD 8260 WATER, BOTH THE LABORATORY FORTIFIED BLANK RECOVERY AND THE DUPLICATE LABORATORY FORTIFIED BLANK RECOVERY WERE OUTSIDE OF CONTROL LIMITS FOR ACETONE AND 1,1,1,2-TETRACHLOROETHANE. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

IN METHOD 8270, REDUCED ACCURACY IS ANTICIPATED FOR ANY REPORTED RESULT FOR BIS(2-CHLOROISOPROPYL)ETHER, INDENO(1,2,3-CD)PYRENE, AND DIBENZ(A,H)ANTHRACENE SINCE CONTINUING CALIBRATION % DIFFERENCE FROM INITIAL CALIBRATION IS OUTSIDE OF METHOD SPECIFICATIONS.

THERE ARE NO OTHER ANALYTICAL ISSUES AFFECTING THE USABILITY OF THE DATA

DETAILED CASE NARRATIVE

METHOD SW846 8260

RECOMMENDED SAMPLE HOLDING TIMES WERE NOT EXCEEDED FOR ALL SAMPLES ANALYZED BY METHOD 8260 UNLESS LISTED BELOW: NONE EXCEEDED

ALL SAMPLES FOR METHOD 8260 WERE RECEIVED PRESERVED PROPERLY IN THE PROPER CONTAINERS AS SPECIFIED ON THE CHAIN-OF-CUSTODY FORM UNLESS LISTED BELOW: ALL PROPERLY PRESERVED

THE 8260 METHOD BLANK WAS FOUND NOT TO BE CONTAMINATED WITH TARGET ANALYTES AT LEVELS ABOVE THE REPORTING LIMIT EXCEPT WHERE LISTED BELOW: NO CONTAMINATION NOTED

ALL 8260 SAMPLES WERE ANALYZED UNDILUTED UNLESS SPECIFIED BELOW:
NO DILUTIONS WERE PERFORMED

INITIAL AND CONTINUING CALIBRATIONS MET ALL REQUIRED PERFORMANCE STANDARDS FOR METHOD 8260 EXCEPT AS LISTED BELOW:

IN METHOD 8260 WATER, FOR THE FOLLOWING SAMPLES AND COMPOUNDS, REPORTED RESULTS ARE ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

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ANALYTICAL SUMMARY

LIMS BAT #: LIMS-93598
JOB NUMBER: -

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

SAMPLE	COMPOUND
05B46682 + 84	1,4-DIOXANE
05B46682	2,2-DICHLOROPROPANE

LABORATORY CONTROL SAMPLE RECOVERIES, LABORATORY CONTROL SAMPLE DUPLICATE RECOVERIES, AND DUPLICATE LABORATORY FORTIFIED BLANK RPDs FOR REQUIRED MCP DATA ENHANCEMENT 8260 COMPOUNDS WERE ALL WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD EXCEPT FOR "DIFFICULT ANALYTES" WHERE RECOVERY CONTROL LIMITS OF 50-155% ARE USED AND/OR UNLESS LISTED BELOW:

DIFFICULT ANALYTES: ACETONE, BROMOMETHANE, DICHLORODIFLUOROMETHANE, 2-HEXANONE, DIETHYL ETHER, HEXACHLOROBUTADIENE, MEK, MIBK, TRICHLOROFLUOROMETHANE, METHYLENE CHLORIDE, TERT-BUTYLBENZENE, TETRHYDROFURAN, MTBE, BUTYL BENZENE, CHLOROMETHANE, 1,4-DIOXANE, 2,2-DICHLOROPROPANE, DIISOPROPYL ETHER, TERT-BUTYLETHYL ETHER AND TERT-AMYLMETHYL ETHER.

COMPOUNDS OUTSIDE OF CONTROL LIMITS:

IN METHOD 8260 WATER, BOTH THE LABORATORY FORTIFIED BLANK RECOVERY AND THE DUPLICATE LABORATORY FORTIFIED BLANK RECOVERY WERE OUTSIDE OF CONTROL LIMITS FOR ACETONE AND 1,1,1,2-TETRACHLOROETHANE. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE..

ALL 8260 SURROGATE STANDARD RECOVERIES WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW: NONE OUTSIDE OF CONTROL LIMITS

ALL 8260 MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES, SAMPLE DUPLICATE RPDs AND MSDRPD, IF REQUESTED IN THIS BATCH WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW: NONE REQUESTED

ALL ANALYTE LIST COMPOUNDS WERE REPORTED FOR METHOD 8260 UNLESS NOTED BELOW: ALL RESULTS WERE REPORTED.

TENTATIVELY IDENTIFIED COMPOUNDS (TICs) IF REQUESTED ARE LISTED BELOW: NOT REQUESTED

METHOD SW846-7470A

RECOMMENDED SAMPLE HOLDING TIMES WERE NOT EXCEEDED FOR ALL SAMPLES ANALYZED BY METHOD 7470A UNLESS LISTED BELOW: NONE EXCEEDED

ALL SAMPLES FOR METHOD 7470A WERE RECEIVED PRESERVED PROPERLY IN THE PROPER CONTAINERS AS SPECIFIED ON THE CHAIN-OF-CUSTODY FORM UNLESS LISTED BELOW: ALL PROPERLY PRESERVED

INITIAL AND CONTINUING CALIBRATIONS MET ALL REQUIRED PERFORMANCE STANDARDS FOR METHOD 7470A EXCEPT AS LISTED BELOW: ALL STANDARDS MET

LABORATORY CONTROL SAMPLE AND LABORATORY CONTROL SAMPLE DUPLICATE RECOVERIES, AS WELL AS LCS RPD, FOR REQUIRED MCP DATA ENHANCEMENT MERCURY 7470A WERE ALL WITHIN REQUIRED CONTROL LIMITS EXCEPT AS LISTED BELOW: NONE OUTSIDE CONTROL LIMITS

THE 7470A METHOD BLANK WAS FOUND NOT TO BE CONTAMINATED AT LEVELS ABOVE THE REPORTING LIMIT EXCEPT WHERE LISTED BELOW: NO CONTAMINATION NOTED

ALL 7470A MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES, AND

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ANALYTICAL SUMMARY

LIMS BAT #: LIMS-93598
JOB NUMBER: -

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

MSDRPD, IF REQUESTED IN THIS BATCH WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW: MATRIX SPIKE PERFORMED ON SAMPLE 05B46684.

METHOD SW846-7000 FURNACE AA
7041 ANTIMONY

RECOMMENDED SAMPLE HOLDING TIMES WERE NOT EXCEEDED FOR ALL SAMPLES ANALYZED BY METHOD 7000 UNLESS LISTED BELOW: NONE EXCEEDED

ALL SAMPLES FOR METHOD 7000 WERE RECEIVED PRESERVED PROPERLY IN THE PROPER CONTAINERS AS SPECIFIED ON THE CHAIN-OF-CUSTODY FORM UNLESS LISTED BELOW: ALL PROPERLY PRESERVED

INITIAL AND CONTINUING CALIBRATIONS MET ALL REQUIRED PERFORMANCE STANDARDS FOR METHOD 7000 EXCEPT AS LISTED BELOW: ALL STANDARDS MET

LABORATORY CONTROL SAMPLE RECOVERIES FOR REQUIRED MCP DATA ENHANCEMENT 7000 ELEMENTS WERE ALL WITHIN REQUIRED CONTROL LIMITS EXCEPT AS LISTED BELOW: NONE OUTSIDE CONTROL LIMITS

THE 7000 METHOD BLANK WAS FOUND NOT TO BE CONTAMINATED WITH TARGET ANALYTES AT LEVELS ABOVE THE REPORTING LIMIT EXCEPT WHERE LISTED BELOW: NO CONTAMINATION NOTED

ALL 7000 MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES, SAMPLE DUPLICATE RPDs, MSDRPD, IF REQUESTED AND DUPLICATE INJECTION RPDs IN THIS BATCH WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW: MATRIX SPIKE AND DUPLICATE PERFORMED ON SAMPLE 05B46684.

METHOD SW846-6010

RECOMMENDED SAMPLE HOLDING TIMES WERE NOT EXCEEDED FOR ALL SAMPLES ANALYZED BY METHOD 6010 UNLESS LISTED BELOW: NONE EXCEEDED

ALL SAMPLES FOR METHOD 6010 WERE RECEIVED PRESERVED PROPERLY IN THE PROPER CONTAINERS AS SPECIFIED ON THE CHAIN-OF-CUSTODY FORM UNLESS LISTED BELOW: ALL PROPERLY PRESERVED

INITIAL AND CONTINUING CALIBRATIONS MET ALL REQUIRED PERFORMANCE STANDARDS FOR METHOD 6010 EXCEPT AS LISTED BELOW: ALL STANDARDS MET

INTERFERENCE CHECK STANDARDS (ICSA & ICSAB) VERIFIED INTER-ELEMENT SPECTRAL INTERFERENCE CORRECTIONS, WITH CONTROL LIMITS OF 80-120% FOR ALL ANALYTES, EXCEPT AS LISTED BELOW: ALL STANDARDS MET

LABORATORY CONTROL SAMPLE AND LABORATORY CONTROL SAMPLE DUPLICATE RECOVERIES, AS WELL AS LCS RPD, FOR REQUIRED MCP DATA ENHANCEMENT 6010 ELEMENTS WERE ALL WITHIN REQUIRED CONTROL LIMITS EXCEPT AS LISTED BELOW: NONE OUTSIDE CONTROL LIMITS

THE 6010 METHOD BLANK WAS FOUND NOT TO BE CONTAMINATED WITH TARGET ANALYTES AT LEVELS ABOVE THE REPORTING LIMIT EXCEPT WHERE LISTED BELOW: RESULTS FOR IRON AND ZINC WERE ABOVE THE REPORTING LIMIT. RESULTS FOR THESE ELEMENTS MAY BE BIASED ON THE HIGH SIDE.

ALL 6010 MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES, SAMPLE DUPLICATE RPDs AND MSDRPD, IF REQUESTED IN THIS BATCH WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW: NONE REQUESTED OR PERFORMED ON SAMPLES SPECIFIC TO THIS CHAIN-OF-CUSTODY.

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ANALYTICAL SUMMARY

LIMS BAT #: LIMS-93598
JOB NUMBER: -

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ALL ANALYTE LIST COMPOUNDS WERE REPORTED FOR METHOD 6010 UNLESS NOTED BELOW:
ALL RESULTS WERE REPORTED

METHOD SW846-7196A

RECOMMENDED SAMPLE HOLDING TIMES WERE NOT EXCEEDED FOR ALL SAMPLES ANALYZED BY METHOD 7196A UNLESS LISTED BELOW: NONE EXCEEDED

ALL SAMPLES FOR METHOD 7196A WERE RECEIVED PRESERVED PROPERLY IN THE PROPER CONTAINERS AS SPECIFIED ON THE CHAIN-OF-CUSTODY FORM UNLESS LISTED BELOW: ALL PROPERLY PRESERVED

INITIAL AND CONTINUING CALIBRATIONS MET ALL REQUIRED PERFORMANCE STANDARDS FOR METHOD 7196A EXCEPT AS LISTED BELOW: ALL STANDARDS MET

LABORATORY CONTROL SAMPLE RECOVERY, DUPLICATE LABORATORY CONTROL SAMPLE RECOVERY, AND LCSRPD FOR 7196A WERE WITHIN REQUIRED CONTROL LIMITS UNLESS LISTED BELOW:
NONE OUTSIDE CONTROL LIMITS

THE 7196A METHOD BLANK WAS FOUND NOT TO BE CONTAMINATED WITH ANALYTE AT LEVELS ABOVE THE REPORTING LIMIT EXCEPT WHERE LISTED BELOW: NO CONTAMINATION NOTED

ALL 7196A MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES, SAMPLE DUPLICATE RPDs AND MSDRPD, IF REQUESTED IN THIS BATCH WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW:
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE WERE PERFORMED ON SAMPLE 05B46684. BOTH HAD NO RECOVERY,
DUE TO AN INTERFERENCE CREATED FROM HIGH IRON CONTENT.

THE NON-REDUCING CONDITIONS AND/OR CHEMICAL INTERFERENT VERIFICATION WAS IN CONTROL UNLESS LISTED BELOW:
THE INTERFERENT VERIFICATION WAS PERFORMED ON SAMPLE 05B46684. IT WAS OUT OF CONTROL LIMITS, DUE TO THE HIGH IRON CONTENT IN THE SAMPLE. A DILUTION WAS ALSO PERFORMED AND STILL WAS OUTSIDE OF CONTROL LIMITS.

METHOD SW846 8082

RECOMMENDED SAMPLE HOLDING TIMES WERE NOT EXCEEDED FOR ALL SAMPLES ANALYZED BY METHOD 8082 UNLESS LISTED BELOW: NONE EXCEEDED

ALL SAMPLES FOR METHOD 8082 WERE RECEIVED PRESERVED PROPERLY IN THE PROPER CONTAINERS AS SPECIFIED ON THE CHAIN-OF-CUSTODY FORM UNLESS LISTED BELOW: ALL PROPERLY PRESERVED

THE 8082 METHOD BLANK WAS FOUND NOT TO BE CONTAMINATED WITH TARGET ANALYTES AT LEVELS ABOVE THE REPORTING LIMIT EXCEPT WHERE LISTED BELOW: NO CONTAMINATION NOTED

INITIAL AND CONTINUING CALIBRATIONS MET ALL REQUIRED PERFORMANCE STANDARDS FOR METHOD 8082 EXCEPT AS LISTED BELOW: ALL STANDARDS MET

LABORATORY CONTROL SAMPLE RECOVERIES FOR REQUIRED MCP DATA ENHANCEMENT 8082 ISOMERS WERE ALL WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW:

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CONTRACT NUMBER:
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ANALYTICAL SUMMARY

LIMS BAT #: LIMS-93598
JOB NUMBER: -

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

A DUPLICATE LABORATORY CONTROL SAMPLE WAS NOT PERFORMED.

ALL 8082 SURROGATE STANDARD RECOVERIES WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW: NONE OUTSIDE OF CONTROL LIMITS

ALL 8082 MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES, SAMPLE DUPLICATE RPDs AND MSDRPD, IF REQUESTED IN THIS BATCH WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW: NONE REQUESTED AND/OR NONE PERFORMED

ALL POSITIVE PCB RESULTS WERE CONFIRMED ON A SECOND DISSIMILAR COLUMN WITH AN RPD LESS THAN OR EQUAL TO 40% BETWEEN THE RESULTS UNLESS LISTED BELOW: ALL CONFIRMED

ALL 8082 SAMPLES WERE ANALYZED UNDILUTED UNLESS SPECIFIED BELOW:
NO DILUTIONS WERE PERFORMED

METHOD SW846-9014

RECOMMENDED SAMPLE HOLDING TIMES WERE NOT EXCEEDED FOR ALL SAMPLES ANALYZED BY METHOD 9014 UNLESS LISTED BELOW: NONE EXCEEDED

ALL SAMPLES FOR METHOD 9014 WERE RECEIVED PRESERVED PROPERLY IN THE PROPER CONTAINERS AS SPECIFIED ON THE CHAIN-OF-CUSTODY FORM UNLESS LISTED BELOW: ALL PROPERLY PRESERVED

INITIAL AND CONTINUING CALIBRATIONS MET ALL REQUIRED PERFORMANCE STANDARDS FOR METHOD 9014 EXCEPT AS LISTED BELOW: ALL STANDARDS MET

LABORATORY CONTROL SAMPLE RECOVERY, DUPLICATE LABORATORY CONTROL SAMPLE RECOVERY, AND LCSRPD
FOR REQUIRED 9014 MCP DATA ENHANCEMENT WERE ALL WITHIN REQUIRED CONTROL LIMITS EXCEPT AS LISTED
BELOW: NONE OUTSIDE CONTROL LIMITS

THE 9014 METHOD BLANK WAS FOUND NOT TO BE CONTAMINATED WITH TARGET ANALYTES AT LEVELS ABOVE THE REPORTING LIMIT EXCEPT WHERE LISTED BELOW: NO CONTAMINATION NOTED

ALL 9014 MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES, SAMPLE DUPLICATE RPDs AND MSDRPD, IF REQUESTED IN THIS BATCH WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW:
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE WERE PERFORMED ON SAMPLE 05B46684.

METHOD SW846 8270

RECOMMENDED SAMPLE HOLDING TIMES WERE NOT EXCEEDED FOR ALL SAMPLES ANALYZED BY METHOD 8270 UNLESS LISTED BELOW: NONE EXCEEDED

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PURCHASE ORDER NUMBER: 02209311

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-93598

JOB NUMBER: -

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

ALL SAMPLES FOR METHOD 8270 WERE RECEIVED PRESERVED PROPERLY IN THE PROPER CONTAINERS AS SPECIFIED ON THE CHAIN-OF-CUSTODY FORM UNLESS LISTED BELOW: ALL PROPERLY PRESERVED

THE 8270 METHOD BLANK WAS FOUND NOT TO BE CONTAMINATED WITH TARGET ANALYTES AT LEVELS ABOVE THE REPORTING LIMIT EXCEPT WHERE LISTED BELOW: NO CONTAMINATION NOTED

ALL 8270 SAMPLES WERE ANALYZED UNDILUTED UNLESS SPECIFIED BELOW: NO DILUTIONS WERE PERFORMED

INITIAL AND CONTINUING CALIBRATIONS MET ALL REQUIRED PERFORMANCE STANDARDS FOR METHOD 8270 EXCEPT AS LISTED BELOW:

COMPOUND	CONTINUING CALIBRATION % DIFFERENCE FROM INITIAL CALIBRATION
BIS(2-CHLOROISOPROPYL)ETHER	45%
INDENO(1,2,3-CD)PYRENE	42%
DIBENZ(A,H)ANTHRACENE	33%

REDUCED ACCURACY IS ANTICIPATED FOR ANY REPORTED RESULT FOR BIS(2-CHLOROISOPROPYL)ETHER, INDENO(1,2,3-CD)PYRENE, AND DIBENZ(A,H)ANTHRACENE SINCE CONTINUING CALIBRATION % DIFFERENCE FROM INITIAL CALIBRATION IS OUTSIDE OF METHOD SPECIFICATIONS.

LABORATORY CONTROL SAMPLE RECOVERIES FOR REQUIRED MCP DATA ENHANCEMENT 8270 COMPOUNDS WERE ALL WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD, 40-140% FOR BASE/NEUTRALS AND 30-130% FOR ACIDS EXCEPT FOR "DIFFICULT ANALYTES" WHERE THE CONTROL LIMITS LISTED BELOW ARE USED AND/OR UNLESS LISTED BELOW:

DIFFICULT ANALYTES FOR SOIL:
10-130%: 2,4-DINITROPHENOL
20-130%: 4-CHLOROANILINE
30-130%: HEXACHLOROCYCLOPENTADIENE

DIFFICULT ANALYTES FOR WATER:
10-130%: 2,4-DINITROPHENOL, DIMETHYLPHTHALATE, AND HEXACHLOROCYCLOPENTADIENE
20-130%: HEXACHLOROBUTADIENE, HEXACHLOROETHANE, PHENOL, AND PYRIDINE
30-130%: BENZO(GHI)PERYLENE, BIS(2-CHLOROETHYL)ETHER, BIS(2-CHLOROISOPROPYL)ETHER, DIBENZO(AH)ANTHRACENE, 1,2-DICHLOROBENZENE, 1,3-DICHLOROBENZENE, 1,4-DICHLOROBENZENE, DIETHYLPHTHALATE, 2-METHYLNAPHTHALENE, NAPHTHALENE, NITROBENZENE, AND 1,2,3-TRICHLOROBENZENE

COMPOUNDS OUTSIDE OF CONTROL LIMITS: NONE OUTSIDE OF CONTROL LIMITS

ALL 8270 SURROGATE STANDARD RECOVERIES WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW: NONE OUTSIDE OF CONTROL LIMITS

ALL 8270 MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES, SAMPLE DUPLICATE RPDs AND MSDRPD, IF REQUESTED IN THIS BATCH WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW:
NONE REQUESTED

ALL ANALYTE LIST COMPOUNDS WERE REPORTED FOR METHOD 8270 UNLESS LISTED BELOW:
ALL RESULTS WERE REPORTED.

TENTATIVELY IDENTIFIED COMPOUNDS (TICs) IF REQUESTED ARE LISTED BELOW: NOT REQUESTED

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations :

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NORTHEAST UTILITIES
P.O. BOX 270
HARTFORD, CT 06141
ATTN: JIM ADAMIK

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 02209311

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-93598
JOB NUMBER: -

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

AIHA 100033	AIHA ELLAP (LEAD) 100033	
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	ARIZONA AZ0648
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	ARIZONA AZ0654 (AIR)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Edward Denson 12/13/05

SIGNATURE DATE

Tod Kopyscinski
Director of Operations

Sondra L. Slesinski
Quality Control Coordinator

Edward Denson
Technical Director

* See end of data tabulation for notes and comments pertaining to this sample

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ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

JIM ADAMIK
NORTHEAST UTILITIES
P.O. BOX 270
HARTFORD, CT 06141

12/13/2005

Purchase Order No.: 02209311

Project Location: MT TOM
Date Received: 12/1/2005
Field Sample # : SYSTEM INTAKE

LIMS-BAT #: LIMS-93598
Job Number: -

Sample ID : 05B46683 Sampled : 12/1/2005
NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Ethylene Dibromide (EDB)	ug/l	ND	12/07/05	MFF	0.02			

Field Sample # : TRIP BLANK

Sample ID : 05B46681 Sampled : 12/1/2005
NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Ethylene Dibromide (EDB)	ug/l	ND	12/07/05	MFF	0.02			

Analytical Method:
EPA 504.1
SAMPLES ARE MICRO-EXTRACTED INTO HEXANE AND ANALYZED BY GAS CHROMATOGRAPHY WITH ELECTRON CAPTURE DETECTION.

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured
* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Date Received: 12/1/2005
Field Sample # : SYSTEM INTAKE

LIMS-BAT #: LIMS-93598
Job Number: -

Sample ID : 05B46684

Sampled : 12/1/2005
NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
PCB 1016	ug/l	ND	12/07/05	FD	0.20			
PCB-1221	ug/l	ND	12/07/05	FD	0.20			
PCB-1232	ug/l	ND	12/07/05	FD	0.20			
PCB-1242	ug/l	ND	12/07/05	FD	0.20			
PCB-1248	ug/l	ND	12/07/05	FD	0.20			
PCB-1254	ug/l	ND	12/07/05	FD	0.20			
PCB-1260	ug/l	ND	12/07/05	FD	0.20			
PCB 1262	ug/l	ND	12/07/05	FD	0.20			
PCB 1268	ug/l	ND	12/07/05	FD	0.20			

Analytical Method:
SW846 8082
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, SOLVENT EXCHANGED WITH HEXANE, CONCENTRATED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE METHODS, AND ANALYZED BY GAS CHROMATOGRAPHY WITH ELECTRON CAPTURE DETECTION.

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Sample ID : 05B46684
Sampled : 12/1/2005
NOT SPECIFIED
Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Acetone	ug/l	ND	12/05/05	LBD	50.0			
Acrylonitrile	ug/l	ND	12/05/05	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	12/05/05	LBD	0.5			
Benzene	ug/l	12.5	12/05/05	LBD	1.0			
Bromobenzene	ug/l	ND	12/05/05	LBD	1.0			
Bromochloromethane	ug/l	ND	12/05/05	LBD	1.0			
Bromodichloromethane	ug/l	ND	12/05/05	LBD	1.0			
Bromoform	ug/l	ND	12/05/05	LBD	3.0			
Bromomethane	ug/l	ND	12/05/05	LBD	2.0			
2-Butanone (MEK)	ug/l	ND	12/05/05	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	12/05/05	LBD	20.0			
n-Butylbenzene	ug/l	7.9	12/05/05	LBD	1.0			
sec-Butylbenzene	ug/l	4.3	12/05/05	LBD	1.0			
tert-Butylbenzene	ug/l	ND	12/05/05	LBD	2.0			
tert-Butylethyl Ether	ug/l	ND	12/05/05	LBD	0.5			
Carbon Disulfide	ug/l	ND	12/05/05	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	12/05/05	LBD	1.0			
Chlorobenzene	ug/l	ND	12/05/05	LBD	1.0			
Chlorodibromomethane	ug/l	ND	12/05/05	LBD	2.0			
Chloroethane	ug/l	ND	12/05/05	LBD	2.0			
Chloroform	ug/l	ND	12/05/05	LBD	2.0			
Chloromethane	ug/l	ND	12/05/05	LBD	2.0			
2-Chlorotoluene	ug/l	ND	12/05/05	LBD	1.0			
4-Chlorotoluene	ug/l	ND	12/05/05	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/05/05	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	12/05/05	LBD	1.00			
Dibromomethane	ug/l	ND	12/05/05	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	12/05/05	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	12/05/05	LBD	1.0			
1,4-Dichlorobenzene	ug/l	ND	12/05/05	LBD	1.0			

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Sample ID : 05B46684
Sampled : 12/1/2005
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Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/05/05	LBD	2.0			
Dichlorodifluoromethane	ug/l	ND	12/05/05	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	12/05/05	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	12/05/05	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	12/05/05	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	12/05/05	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	12/05/05	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	12/05/05	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	12/05/05	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	12/05/05	LBD	5.0			
1,1-Dichloropropene	ug/l	ND	12/05/05	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	12/05/05	LBD	2.0			
trans-1,3-Dichloropropene	ug/l	ND	12/05/05	LBD	2.0			
Diethyl Ether	ug/l	ND	12/05/05	LBD	2.0			
Diisopropyl Ether	ug/l	ND	12/05/05	LBD	0.5			
1,4-Dioxane	ug/l	ND	12/05/05	LBD	50.0			
Ethyl Benzene	ug/l	17.0	12/05/05	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	12/05/05	LBD	1.0			
2-Hexanone	ug/l	ND	12/05/05	LBD	10.0			
Isopropylbenzene	ug/l	5.5	12/05/05	LBD	1.0			
p-Isopropyltoluene	ug/l	3.7	12/05/05	LBD	1.0			
MTBE	ug/l	ND	12/05/05	LBD	2.0			
Methylene Chloride	ug/l	ND	12/05/05	LBD	5.0			
MIBK	ug/l	ND	12/05/05	LBD	10.0			
Naphthalene	ug/l	92.2	12/05/05	LBD	2.0			
n-Propylbenzene	ug/l	6.3	12/05/05	LBD	1.0			
Styrene	ug/l	ND	12/05/05	LBD	2.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	12/05/05	LBD	1.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	12/05/05	LBD	0.5			
Tetrachloroethylene	ug/l	ND	12/05/05	LBD	1.0			

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Job Number: -

Sample ID : 05B46684

Sampled : 12/1/2005
NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Tetrahydrofuran	ug/l	ND	12/05/05	LBD	10.0			
Toluene	ug/l	ND	12/05/05	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	12/05/05	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	12/05/05	LBD	3.0			
1,1,1-Trichloroethane	ug/l	ND	12/05/05	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	12/05/05	LBD	1.0			
Trichloroethylene	ug/l	ND	12/05/05	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	12/05/05	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	12/05/05	LBD	2.0			
1,2,4-Trimethylbenzene	ug/l	74.0	12/05/05	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	22.2	12/05/05	LBD	1.0			
Vinyl Chloride	ug/l	ND	12/05/05	LBD	2.0			
m + p Xylene	ug/l	44.0	12/05/05	LBD	2.0			
o-Xylene	ug/l	3.8	12/05/05	LBD	1.0			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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12/13/2005

Purchase Order No.: 02209311

Project Location: MT TOM
Date Received: 12/1/2005
Field Sample #: TRIP BLANK

LIMS-BAT #: LIMS-93598
Job Number: -

Sample ID: 05B46682

Sampled : 12/1/2005
NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	12/02/05	LBD	50.0			
Acrylonitrile	ug/l	ND	12/02/05	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	12/02/05	LBD	0.5			
Benzene	ug/l	ND	12/02/05	LBD	1.0			
Bromobenzene	ug/l	ND	12/02/05	LBD	1.0			
Bromochloromethane	ug/l	ND	12/02/05	LBD	1.0			
Bromodichloromethane	ug/l	ND	12/02/05	LBD	1.0			
Bromoform	ug/l	ND	12/02/05	LBD	3.0			
Bromomethane	ug/l	ND	12/02/05	LBD	2.0			
2-Butanone (MEK)	ug/l	ND	12/02/05	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	12/02/05	LBD	20.0			
n-Butylbenzene	ug/l	ND	12/02/05	LBD	2.0			
sec-Butylbenzene	ug/l	ND	12/02/05	LBD	1.0			
tert-Butylbenzene	ug/l	ND	12/02/05	LBD	2.0			
tert-Butylethyl Ether	ug/l	ND	12/02/05	LBD	0.5			
Carbon Disulfide	ug/l	ND	12/02/05	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	12/02/05	LBD	1.0			
Chlorobenzene	ug/l	ND	12/02/05	LBD	1.0			
Chlorodibromomethane	ug/l	ND	12/02/05	LBD	2.0			
Chloroethane	ug/l	ND	12/02/05	LBD	2.0			
Chloroform	ug/l	ND	12/02/05	LBD	2.0			
Chloromethane	ug/l	ND	12/02/05	LBD	2.0			
2-Chlorotoluene	ug/l	ND	12/02/05	LBD	1.0			
4-Chlorotoluene	ug/l	ND	12/02/05	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/02/05	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	12/02/05	LBD	1.00			
Dibromomethane	ug/l	ND	12/02/05	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	12/02/05	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	12/02/05	LBD	1.0			
1,4-Dichlorobenzene	ug/l	ND	12/02/05	LBD	1.0			

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Field Sample # : TRIP BLANK
Sample ID : 05B46682

LIMS-BAT #: LIMS-93598
Job Number: -

Sampled : 12/1/2005
NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/02/05	LBD	2.0			
Dichlorodifluoromethane	ug/l	ND	12/02/05	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	12/02/05	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	12/02/05	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	12/02/05	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	12/02/05	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	12/02/05	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	12/02/05	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	12/02/05	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	12/02/05	LBD	5.0			
1,1-Dichloropropene	ug/l	ND	12/02/05	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	12/02/05	LBD	2.0			
trans-1,3-Dichloropropene	ug/l	ND	12/02/05	LBD	2.0			
Diethyl Ether	ug/l	ND	12/02/05	LBD	2.0			
Diisopropyl Ether	ug/l	ND	12/02/05	LBD	0.5			
1,4-Dioxane	ug/l	ND	12/02/05	LBD	50.0			
Ethyl Benzene	ug/l	ND	12/02/05	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	12/02/05	LBD	1.0			
2-Hexanone	ug/l	ND	12/02/05	LBD	10.0			
Isopropylbenzene	ug/l	ND	12/02/05	LBD	2.0			
p-Isopropyltoluene	ug/l	ND	12/02/05	LBD	2.0			
MTBE	ug/l	ND	12/02/05	LBD	2.0			
Methylene Chloride	ug/l	ND	12/02/05	LBD	5.0			
MIBK	ug/l	ND	12/02/05	LBD	10.0			
Naphthalene	ug/l	ND	12/02/05	LBD	5.0			
n-Propylbenzene	ug/l	ND	12/02/05	LBD	1.0			
Styrene	ug/l	ND	12/02/05	LBD	2.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	12/02/05	LBD	1.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	12/02/05	LBD	0.5			
Tetrachloroethylene	ug/l	ND	12/02/05	LBD	1.0			

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Job Number: -

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Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Tetrahydrofuran	ug/l	ND	12/02/05	LBD	10.0			
Toluene	ug/l	ND	12/02/05	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	12/02/05	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	12/02/05	LBD	3.0			
1,1,1-Trichloroethane	ug/l	ND	12/02/05	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	12/02/05	LBD	1.0			
Trichloroethylene	ug/l	ND	12/02/05	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	12/02/05	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	12/02/05	LBD	2.0			
1,2,4-Trimethylbenzene	ug/l	ND	12/02/05	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	12/02/05	LBD	2.0			
Vinyl Chloride	ug/l	ND	12/02/05	LBD	2.0			
m + p Xylene	ug/l	ND	12/02/05	LBD	2.0			
o-Xylene	ug/l	ND	12/02/05	LBD	1.0			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Acenaphthene	ug/l	3.28	12/08/05	BGL	0.30			
Acenaphthylene	ug/l	ND	12/08/05	BGL	0.30			
Acetophenone	ug/l	ND	12/08/05	BGL	10.0			
Aniline	ug/l	ND	12/08/05	BGL	5.00			
Anthracene	ug/l	ND	12/08/05	BGL	0.20			
Benzoic Acid	ug/l	ND	12/08/05	BGL	30.0			
Benzo(a)anthracene	ug/l	ND	12/08/05	BGL	0.050			
Benzo(a)pyrene	ug/l	ND	12/08/05	BGL	0.100			
Benzo(b)fluoranthene	ug/l	ND	12/08/05	BGL	0.050			
Benzo(g,h,i)perylene	ug/l	ND	12/08/05	BGL	0.500			
Benzo(k)fluoranthene	ug/l	ND	12/08/05	BGL	0.200			
Bis(2-chloroethoxy)methane	ug/l	ND	12/08/05	BGL	10.0			
Bis(2-chloroethyl)ether	ug/l	ND	12/08/05	BGL	10.0			
Bis(2-chloroisopropyl)ether	ug/l	ND	12/08/05	BGL	10.0			
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/08/05	BGL	1.00			
4-Bromophenyl phenyl ether	ug/l	ND	12/08/05	BGL	10.0			
Butylbenzylphthalate	ug/l	ND	12/08/05	BGL	20.0			
4-Chloroaniline	ug/l	ND	12/08/05	BGL	20.0			
4-Chloro-3-methylphenol	ug/l	ND	12/08/05	BGL	20.0			
2-Chloronaphthalene	ug/l	ND	12/08/05	BGL	10.0			
2-Chlorophenol	ug/l	ND	12/08/05	BGL	10.0			
4-Chlorophenylphenyl ether	ug/l	ND	12/08/05	BGL	10.0			
Chrysene	ug/l	ND	12/08/05	BGL	0.20			
Dibenzofuran	ug/l	ND	12/08/05	BGL	10.0			
Dibenz(a,h)anthracene	ug/l	ND	12/08/05	BGL	0.500			
1,2-Dichlorobenzene	ug/l	ND	12/08/05	BGL	5.00			
1,3-Dichlorobenzene	ug/l	ND	12/08/05	BGL	5.00			
1,4-Dichlorobenzene	ug/l	ND	12/08/05	BGL	5.00			
3,3-Dichlorobenzidine	ug/l	ND	12/08/05	BGL	10.0			
2,4-Dichlorophenol	ug/l	ND	12/08/05	BGL	10.0			

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JIM ADAMIK
NORTHEAST UTILITIES
P.O. BOX 270
HARTFORD, CT 06141

Purchase Order No.: 02209311

Project Location: MT TOM
Date Received: 12/1/2005
Field Sample # : SYSTEM INTAKE
Sample ID : 05B46684
Sampled : 12/1/2005
NOT SPECIFIED
Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Diethylphthalate	ug/l	ND	12/08/05	BGL	10.0			
2,4-Dimethylphenol	ug/l	ND	12/08/05	BGL	40.0			
Dimethylphthalate	ug/l	ND	12/08/05	BGL	20.0			
Di-n-butylphthalate	ug/l	ND	12/08/05	BGL	10.0			
Di-n-octylphthalate	ug/l	ND	12/08/05	BGL	20.0			
4,6-Dinitro-2-methylphenol	ug/l	ND	12/08/05	BGL	10.0			
2,4-Dinitrophenol	ug/l	ND	12/08/05	BGL	20.0			
2,4-Dinitrotoluene	ug/l	ND	12/08/05	BGL	10.0			
2,6-Dinitrotoluene	ug/l	ND	12/08/05	BGL	10.0			
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/08/05	BGL	10.0			
Fluoranthene	ug/l	ND	12/08/05	BGL	0.50			
Fluorene	ug/l	6.03	12/08/05	BGL	1.00			
Hexachlorobenzene	ug/l	ND	12/08/05	BGL	0.05			
Hexachlorobutadiene	ug/l	ND	12/08/05	BGL	0.20			
Hexachlorocyclopentadiene	ug/l	ND	12/08/05	BGL	20.0			
Hexachloroethane	ug/l	ND	12/08/05	BGL	1.00			
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/08/05	BGL	0.500			
Isophorone	ug/l	ND	12/08/05	BGL	10.0			
o-cresol	ug/l	ND	12/08/05	BGL	10.0			
m & p-Cresol(s)	ug/l	ND	12/08/05	BGL	20.0			
2-Methylnaphthalene	ug/l	32.3	12/08/05	BGL	1.00			
Naphthalene	ug/l	14.6	12/08/05	BGL	1.00			
2-Nitroaniline	ug/l	ND	12/08/05	BGL	10.0			
3-Nitroaniline	ug/l	ND	12/08/05	BGL	10.0			
4-Nitroaniline	ug/l	ND	12/08/05	BGL	10.0			
Nitrobenzene	ug/l	ND	12/08/05	BGL	10.0			
2-Nitrophenol	ug/l	ND	12/08/05	BGL	10.0			
4-Nitrophenol	ug/l	ND	12/08/05	BGL	20.0			
N-Nitrosodiphenylamine	ug/l	ND	12/08/05	BGL	10.0			

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LIMS-BAT #: LIMS-93598
Job Number: -

Sample ID : 05B46684

Sampled : 12/1/2005
NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
N-Nitroso-di-n-propylamine	ug/l	ND	12/08/05	BGL	10.0			
Pentachlorophenol	ug/l	ND	12/08/05	BGL	1.00			
Phenanthrene	ug/l	5.80	12/08/05	BGL	0.10			
Phenol	ug/l	ND	12/08/05	BGL	10.0			
Pyrene	ug/l	ND	12/08/05	BGL	1.00			
Pyridine	ug/l	ND	12/08/05	BGL	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	12/08/05	BGL	5.00			
2,4,5-Trichlorophenol	ug/l	ND	12/08/05	BGL	10.0			
2,4,6-Trichlorophenol	ug/l	ND	12/08/05	BGL	10.0			

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

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Purchase Order No.: 02209311

Project Location: MT TOM
Date Received: 12/1/2005
Field Sample #: SYSTEM INTAKE

LIMS-BAT #: LIMS-93598
Job Number: -

Sample ID: ***05B46684**

Sampled : 12/1/2005
NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Total Residual Chlorine	mg/l	ND	12/01/05	MAB	0.02			

Analytical Method:
SM 4500-Cl G
COLORIMETRIC DETERMINATION OF CHLORINE WITH DPD REAGENT IN THE PRESENCE OF ACIDIC IODIDE.

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Field Sample # : SYSTEM INTAKE
Sample ID : *05B46684
Sampled : 12/1/2005
NOT SPECIFIED
Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Chromium (+6)	mg/l	ND	12/02/05	KFD	0.004			

Analytical Method:
SM 3500-Cr D
COLORIMETRIC DETERMINATION WITH ACIDIC S-DIPHENYLCARBAZIDE

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Sample ID : 05B46684
Sampled : 12/1/2005
NOT SPECIFIED
Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Copper	mg/l	ND	12/05/05	KSH	0.0050			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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NOT SPECIFIED
Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Cyanide	mg/l	ND	12/07/05	VAK	0.010			

Analytical Method:
SW846 9014
DISTILLATION FOLLOWED BY REACTION WITH CHLORAMINE-T/BARBITURIC ACID AND PHOSPHATE BUFFER. ANALYSIS BY MANUAL COLORIMETRY.

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Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Iron	mg/l	134.	12/05/05	KSH	0.02			

Analytical Method:
EPA 200.7/SW846 6010
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Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Arsenic	mg/l	ND	12/05/05	KSH	0.05			
Barium	mg/l	0.0602	12/05/05	KSH	0.0050			
Cadmium	mg/l	ND	12/05/05	KSH	0.0050			
Chromium	mg/l	ND	12/05/05	KSH	0.005			
Lead	mg/l	ND	12/05/05	KSH	0.015			
Mercury	mg/l	ND	12/02/05	JTB	0.00004			
Selenium	mg/l	ND	12/05/05	KSH	0.05			
Silver	mg/l	ND	12/05/05	KSH	0.005			

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Job Number: -

Analytical Method: Arsenic
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Barium
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Cadmium
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Chromium
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Lead
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Mercury
EPA 245.1/SW846 7470
COLD VAPOR TECHNIQUE (FLAMELESS ABSORPTION AT 254 NM)

Analytical Method: Selenium
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Silver
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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Field Sample # : SYSTEM INTAKE
Sample ID : 05B46684
Sampled : 12/1/2005
NOT SPECIFIED
Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Nickel	mg/l	ND	12/05/05	KSH	0.005			

Analytical Method:
EPA 200.7/SW846 6010
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Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Phenolics	mg/l	0.0840	12/09/05	SBP	0.0500			

Analytical Method:
EPA 420.1
SAMPLE DISTILLATION WITH ACID AND COPPER SULFATE. PHENOLICS REACT WITH 4-AAP IN THE PRESENCE OF POTASSIUM FERRICYANIDE UNDER BASIC CONDITIONS TO FORM ANITIPYRINE DYE WHICH IS ANALYZED BY COLORIMETRIC TECHNIQUES.

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	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/l	ND	12/05/05	AMP	0.0015			

Analytical Method:
SM 3113 B SB/SW7041
SAMPLES ARE DIGESTED WITH NITRIC ACID AND ANALYZED BY GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROPHOTOEMTRY.

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Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Unknown Hydrocarbons	MG/L	6.33	12/06/05	CJM	0.19			

Analytical Method:
MODIFIED SW846 8100
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE AND ANALYZED BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION (FID). ALL PEAKS ELUTING IN THE PETROLEUM FUEL REGION ARE QUANTITATED AS #2 FUEL OIL.

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Sample Matrix: WATER OTHER

LIMS-BAT #: LIMS-93598
Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Total suspended solids	mg/l	197.	12/02/05	LL	5.0			

Analytical Method:
SM 2540 D
GRAVIMETRIC DETERMINATION OF TOTAL SOLIDS RETAINED ON A GLASS FIBER FILTER AFTER DRYING AT 103-105 C.

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Job Number: -

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
SPECIAL TEST			12/08/05	LL				

TRIVALENT CHROMIUM = TOTAL CHROMIUM-HEXAVALENT CHROMIUM

CR3=<0.0035 MG/L - <0.004 MG/L
CR3= 0 MG/L

TOTAL CHROMIUM METHOD EPA 200.7 RL=0.0035 MG/L
HEXAVALENT CHROMIUM METHOD SM3500CR D RL=0.004 MG/L

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NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Zinc	mg/l	0.117	12/05/05	KSH	0.010			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

JIM ADAMIK
NORTHEAST UTILITIES
P.O. BOX 270
HARTFORD, CT 06141

12/13/2005

Purchase Order No.: 02209311

Project Location: MT TOM
Date Received: 12/1/2005

LIMS-BAT #: LIMS-93598
Job Number: -

The following notes were attached to the reported analysis :

Sample ID: * 05B46684
Analysis: Total Residual Chlorine

TIME ANALYZED: 2:40 PM.

Sample ID: * 05B46684
Analysis: Chromium (+6)

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ARE OUT OF CONTROL LIMITS. AN INTERFERENCE WAS CREATED FROM A HIGH IRON CONTENT IN THE SAMPLE. ANALYSIS IS IN CONTROL BASED ON THE LABORATORY CONTROL SAMPLE AND ITS DUPLICATE.

** END OF REPORT **

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: CYANIDE-2052

Sample Id	Analysis	QC Analysis	Values	Units	Limits
05B46684					
	Cyanide	Sample Amount	<0.010	mg/l	
		Matrix Spk Amt Added	0.320	mg/l	
		MS Amt Measured	0.329	mg/l	
		Matrix Spike % Rec.	102.812	%	75-125
		MSD Amount Added	0.320	mg/l	
		MSD Amt Measured	0.338	mg/l	
		MSD % Recovery	105.625	%	
		MSD Range	2.812	units	
		MS Duplicate RPD	2.699	%	20 Max.
LFBLANK-46984					
	Cyanide	Lab Fort Blank Amt.	0.511	mg/l	
		Lab Fort Blk. Found	0.493	mg/l	
		Lab Fort Blk. % Rec.	96.477	%	
		Dup Lab Fort Bl Amt.	0.511	mg/l	
		Dup Lab Fort Bl. Fnd	0.527	mg/l	
		Dup Lab Fort Bl %Rec	103.131	%	
		Lab Fort Blank Range	6.654	units	
		Lab Fort Bl. Av. Rec	99.804	%	
		LFB Duplicate RPD	6.667	%	

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Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GC/ECD-8077

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-81890					
	Ethylene Dibromide (EDB)	Blank	<0.02	ug/l	
LFBLANK-46934					
	Ethylene Dibromide (EDB)	Lab Fort Blank Amt.	0.25	ug/l	
		Lab Fort Blk. Found	0.20	ug/l	
		Lab Fort Blk. % Rec.	80.00	%	

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Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GC/ECD-8083

Sample Id	Analysis	QC Analysis	Values	Units	Limits
05B46684					
	Decachlorobiphenyl	Surrogate Recovery	43.0	%	30-150
	Tetrachloro-m-Xylene	Surrogate Recovery	103.0	%	30-150
BLANK-81881					
	PCB-1232	Blank	<0.20	ug/l	
	PCB-1242	Blank	<0.20	ug/l	
	PCB-1254	Blank	<0.20	ug/l	
	PCB-1260	Blank	<0.20	ug/l	
	PCB-1248	Blank	<0.20	ug/l	
	PCB-1221	Blank	<0.20	ug/l	
	PCB 1016	Blank	<0.20	ug/l	
	PCB 1262	Blank	<0.20	ug/l	
	PCB 1268	Blank	<0.20	ug/l	
LFBLANK-46929					
	PCB-1260	Lab Fort Blank Amt.	0.50	ug/l	
		Lab Fort Blk. Found	0.60	ug/l	
		Lab Fort Blk. % Rec.	120.40	%	40-140
	PCB 1016	Lab Fort Blank Amt.	0.50	ug/l	
		Lab Fort Blk. Found	0.65	ug/l	
		Lab Fort Blk. % Rec.	130.00	%	40-140

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Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GC/FID-14401

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-81819					
	Unknown Hydrocarbons	Blank	<0.20	MG/L	

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Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GCMS/SEMI-7612

Sample Id	Analysis	QC Analysis	Values	Units	Limits
05B46684					
	Phenol-d6	Surrogate Recovery	45.5	%	15-110
	Nitrobenzene-d5	Surrogate Recovery	54.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	67.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	97.0	%	15-110
	Terphenyl-d14	Surrogate Recovery	58.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	51.5	%	15-110
BLANK-81989					
	1,4-Dichlorobenzene	Blank	<5.00	ug/l	
	Naphthalene	Blank	<1.00	ug/l	
	1,2-Dichlorobenzene	Blank	<5.00	ug/l	
	1,3-Dichlorobenzene	Blank	<5.00	ug/l	
	Acenaphthene	Blank	<0.30	ug/l	
	Acenaphthylene	Blank	<0.30	ug/l	
	Aniline	Blank	<5.00	ug/l	
	Anthracene	Blank	<0.20	ug/l	
	Benzo(a)anthracene	Blank	<0.050	ug/l	
	Benzo(a)pyrene	Blank	<0.100	ug/l	
	Benzo(b)fluoranthene	Blank	<0.050	ug/l	
	Benzo(g,h,i)perylene	Blank	<0.500	ug/l	
	Benzoic Acid	Blank	<30.0	ug/l	
	Bis(2-chloroethyl)ether	Blank	<10.0	ug/l	
	Bis(2-chloroethoxy)methane	Blank	<10.0	ug/l	
	Bis(2-chloroisopropyl)ether	Blank	<10.0	ug/l	
	Bis(2-ethylhexyl)phthalate	Blank	<1.00	ug/l	
	4-Bromophenyl phenyl ether	Blank	<10.0	ug/l	
	Butylbenzylphthalate	Blank	<20.0	ug/l	
	4-Chloroaniline	Blank	<20.0	ug/l	
	2-Chloronaphthalene	Blank	<10.0	ug/l	
	4-Chlorophenylphenyl ether	Blank	<10.0	ug/l	
	Chrysene	Blank	<0.20	ug/l	
	Dibenz(a,h)anthracene	Blank	<0.500	ug/l	
	Dibenzofuran	Blank	<10.0	ug/l	
	3,3-Dichlorobenzidine	Blank	<10.0	ug/l	
	Diethylphthalate	Blank	<10.0	ug/l	
	Dimethylphthalate	Blank	<20.0	ug/l	
	Di-n-butylphthalate	Blank	<10.0	ug/l	
	2,4-Dinitrotoluene	Blank	<10.0	ug/l	
	2,6-Dinitrotoluene	Blank	<10.0	ug/l	
	1,2-Diphenylhydrazine (as Azobenzene)	Blank	<10.0	ug/l	
	Di-n-octylphthalate	Blank	<20.0	ug/l	
	Fluoranthene	Blank	<0.50	ug/l	
	Fluorene	Blank	<1.00	ug/l	
	Hexachlorobenzene	Blank	<0.05	ug/l	

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QC Batch Number: GCMS/SEMI-7612

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-81989					
	Hexachlorobutadiene	Blank	<0.20	ug/l	
	Hexachlorocyclopentadiene	Blank	<20.0	ug/l	
	Hexachloroethane	Blank	<1.00	ug/l	
	Indeno(1,2,3-cd)pyrene	Blank	<0.500	ug/l	
	Isophorone	Blank	<10.0	ug/l	
	2-Methylnaphthalene	Blank	<1.00	ug/l	
	2-Nitroaniline	Blank	<10.0	ug/l	
	3-Nitroaniline	Blank	<10.0	ug/l	
	Nitrobenzene	Blank	<10.0	ug/l	
	N-Nitroso-di-n-propylamine	Blank	<10.0	ug/l	
	N-Nitrosodiphenylamine	Blank	<10.0	ug/l	
	Phenanthrene	Blank	<0.10	ug/l	
	Pyrene	Blank	<1.00	ug/l	
	1,2,4-Trichlorobenzene	Blank	<5.00	ug/l	
	4-Chloro-3-methylphenol	Blank	<20.0	ug/l	
	2-Chlorophenol	Blank	<10.0	ug/l	
	2,4-Dichlorophenol	Blank	<10.0	ug/l	
	2,4-Dimethylphenol	Blank	<40.0	ug/l	
	4,6-Dinitro-2-methylphenol	Blank	<10.0	ug/l	
	2,4-Dinitrophenol	Blank	<20.0	ug/l	
	o-cresol	Blank	<10.0	ug/l	
	m & p-Cresol(s)	Blank	<20.0	ug/l	
	2-Nitrophenol	Blank	<10.0	ug/l	
	4-Nitrophenol	Blank	<20.0	ug/l	
	Phenol	Blank	<10.0	ug/l	
	2,4,5-Trichlorophenol	Blank	<10.0	ug/l	
	2,4,6-Trichlorophenol	Blank	<10.0	ug/l	
	Pentachlorophenol	Blank	<1.00	ug/l	
	Pyridine	Blank	<5.0	ug/l	
	Benzo(k)fluoranthene	Blank	<0.200	ug/l	
	4-Nitroaniline	Blank	<10.0	ug/l	
	Acetophenone	Blank	<10.0	ug/l	
LFBLANK-46994					
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	67.96	ug/l	
		Lab Fort Blk. % Rec.	67.96	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	63.98	ug/l	
		Dup Lab Fort Bl %Rec	63.98	%	
		Lab Fort Blank Range	3.98	units	
		Lab Fort Bl. Av. Rec	65.97	%	
		LFB Duplicate RPD	6.03	%	
	Naphthalene	Lab Fort Blank Amt.	100.00	ug/l	

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QC Batch Number: GCMS/SEMI-7612

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46994					
	Naphthalene	Lab Fort Blk. Found	72.88	ug/l	
		Lab Fort Blk. % Rec.	72.88	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	70.11	ug/l	
		Dup Lab Fort Bl %Rec	70.11	%	
		Lab Fort Blank Range	2.77	units	
		Lab Fort Bl. Av. Rec	71.50	%	
		LFB Duplicate RPD	3.87	%	
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	66.27	ug/l	
		Lab Fort Blk. % Rec.	66.27	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	62.44	ug/l	
		Dup Lab Fort Bl %Rec	62.44	%	
		Lab Fort Blank Range	3.83	units	
		Lab Fort Bl. Av. Rec	64.36	%	
		LFB Duplicate RPD	5.95	%	
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	67.91	ug/l	
		Lab Fort Blk. % Rec.	67.91	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	63.91	ug/l	
		Dup Lab Fort Bl %Rec	63.91	%	
		Lab Fort Blank Range	4.00	units	
		Lab Fort Bl. Av. Rec	65.91	%	
		LFB Duplicate RPD	6.07	%	
	Acenaphthene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	74.52	ug/l	
		Lab Fort Blk. % Rec.	74.52	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	77.60	ug/l	
		Dup Lab Fort Bl %Rec	77.60	%	
		Lab Fort Blank Range	3.08	units	
		Lab Fort Bl. Av. Rec	76.06	%	
		LFB Duplicate RPD	4.05	%	
	Acenaphthylene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	83.32	ug/l	
		Lab Fort Blk. % Rec.	83.32	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	87.15	ug/l	
		Dup Lab Fort Bl %Rec	87.15	%	
		Lab Fort Blank Range	3.83	units	
		Lab Fort Bl. Av. Rec	85.24	%	

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QC Batch Number: GCMS/SEMI-7612

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46994					
	Acenaphthylene	LFB Duplicate RPD	4.49	%	
	Aniline	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	60.68	ug/l	
		Lab Fort Blk. % Rec.	60.68	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	60.42	ug/l	
		Dup Lab Fort Bl %Rec	60.42	%	
		Lab Fort Blank Range	0.26	units	
		Lab Fort Bl. Av. Rec	60.55	%	
		LFB Duplicate RPD	0.43	%	
	Anthracene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	79.37	ug/l	
		Lab Fort Blk. % Rec.	79.37	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	82.39	ug/l	
		Dup Lab Fort Bl %Rec	82.39	%	
		Lab Fort Blank Range	3.02	units	
		Lab Fort Bl. Av. Rec	80.88	%	
		LFB Duplicate RPD	3.73	%	
	Benzo(a)anthracene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	82.460	ug/l	
		Lab Fort Blk. % Rec.	82.460	%	40-140
		Dup Lab Fort Bl Amt.	100.000	ug/l	
		Dup Lab Fort Bl. Fnd	86.520	ug/l	
		Dup Lab Fort Bl %Rec	86.520	%	
		Lab Fort Blank Range	4.060	units	
		Lab Fort Bl. Av. Rec	84.490	%	
		LFB Duplicate RPD	4.805	%	
	Benzo(a)pyrene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	87.550	ug/l	
		Lab Fort Blk. % Rec.	87.550	%	40-140
		Dup Lab Fort Bl Amt.	100.000	ug/l	
		Dup Lab Fort Bl. Fnd	91.300	ug/l	
		Dup Lab Fort Bl %Rec	91.300	%	
		Lab Fort Blank Range	3.750	units	
		Lab Fort Bl. Av. Rec	89.425	%	
		LFB Duplicate RPD	4.193	%	
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	96.390	ug/l	
		Lab Fort Blk. % Rec.	96.390	%	40-140
		Dup Lab Fort Bl Amt.	100.000	ug/l	
		Dup Lab Fort Bl. Fnd	103.780	ug/l	
		Dup Lab Fort Bl %Rec	103.780	%	

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LFBLANK-46994					
	Benzo(b)fluoranthene	Lab Fort Blank Range	7.390	units	
		Lab Fort Bl. Av. Rec	100.085	%	
		LFB Duplicate RPD	7.384	%	
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	81.480	ug/l	
		Lab Fort Blk. % Rec.	81.480	%	30-130
		Dup Lab Fort Bl Amt.	100.000	ug/l	
		Dup Lab Fort Bl. Fnd	84.290	ug/l	
		Dup Lab Fort Bl %Rec	84.290	%	
		Lab Fort Blank Range	2.810	units	
		Lab Fort Bl. Av. Rec	82.885	%	
		LFB Duplicate RPD	3.390	%	
	Benzoic Acid	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	38.00	ug/l	
		Lab Fort Blk. % Rec.	38.00	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	35.00	ug/l	
		Dup Lab Fort Bl %Rec	35.00	%	
		Lab Fort Blank Range	3.00	units	
		Lab Fort Bl. Av. Rec	36.50	%	
		LFB Duplicate RPD	8.22	%	
	Bis(2-chloroethyl)ether	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	75.74	ug/l	
		Lab Fort Blk. % Rec.	75.74	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	71.95	ug/l	
		Dup Lab Fort Bl %Rec	71.95	%	
		Lab Fort Blank Range	3.79	units	
		Lab Fort Bl. Av. Rec	73.84	%	
		LFB Duplicate RPD	5.13	%	
	Bis(2-chloroethoxy)methane	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	81.45	ug/l	
		Lab Fort Blk. % Rec.	81.45	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	79.43	ug/l	
		Dup Lab Fort Bl %Rec	79.43	%	
		Lab Fort Blank Range	2.02	units	
		Lab Fort Bl. Av. Rec	80.44	%	
		LFB Duplicate RPD	2.51	%	
	Bis(2-chloroisopropyl)ether	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	46.07	ug/l	
		Lab Fort Blk. % Rec.	46.07	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46994					
	Bis(2-chloroisopropyl)ether	Dup Lab Fort Bl. Fnd	42.14	ug/l	
		Dup Lab Fort Bl %Rec	42.14	%	
		Lab Fort Blank Range	3.93	units	
		Lab Fort Bl. Av. Rec	44.10	%	
		LFB Duplicate RPD	8.91	%	
	Bis(2-ethylhexyl)phthalate	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	74.21	ug/l	
		Lab Fort Blk. % Rec.	74.21	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	76.68	ug/l	
		Dup Lab Fort Bl %Rec	76.68	%	
		Lab Fort Blank Range	2.47	units	
		Lab Fort Bl. Av. Rec	75.44	%	
		LFB Duplicate RPD	3.27	%	
	4-Bromophenyl phenyl ether	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	74.75	ug/l	
		Lab Fort Blk. % Rec.	74.75	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	79.72	ug/l	
		Dup Lab Fort Bl %Rec	79.72	%	
		Lab Fort Blank Range	4.97	units	
		Lab Fort Bl. Av. Rec	77.24	%	
		LFB Duplicate RPD	6.43	%	
	Butylbenzylphthalate	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	87.53	ug/l	
		Lab Fort Blk. % Rec.	87.53	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	89.95	ug/l	
		Dup Lab Fort Bl %Rec	89.95	%	
		Lab Fort Blank Range	2.42	units	
		Lab Fort Bl. Av. Rec	88.74	%	
		LFB Duplicate RPD	2.73	%	
	4-Chloroaniline	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	71.00	ug/l	
		Lab Fort Blk. % Rec.	71.00	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	71.82	ug/l	
		Dup Lab Fort Bl %Rec	71.82	%	
		Lab Fort Blank Range	0.82	units	
		Lab Fort Bl. Av. Rec	71.41	%	
		LFB Duplicate RPD	1.15	%	
	2-Chloronaphthalene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	78.78	ug/l	

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GCMS/SEMI-7612

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46994					
	2-Chloronaphthalene	Lab Fort Blk. % Rec.	78.78	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	82.63	ug/l	
		Dup Lab Fort Bl %Rec	82.63	%	
		Lab Fort Blank Range	3.85	units	
		Lab Fort Bl. Av. Rec	80.70	%	
		LFB Duplicate RPD	4.77	%	
	4-Chlorophenylphenyl ether	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	95.39	ug/l	
		Lab Fort Blk. % Rec.	95.39	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	97.76	ug/l	
		Dup Lab Fort Bl %Rec	97.76	%	
		Lab Fort Blank Range	2.37	units	
		Lab Fort Bl. Av. Rec	96.58	%	
		LFB Duplicate RPD	2.45	%	
	Chrysene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	72.38	ug/l	
		Lab Fort Blk. % Rec.	72.38	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	76.29	ug/l	
		Dup Lab Fort Bl %Rec	76.29	%	
		Lab Fort Blank Range	3.91	units	
		Lab Fort Bl. Av. Rec	74.34	%	
		LFB Duplicate RPD	5.26	%	
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	85.040	ug/l	
		Lab Fort Blk. % Rec.	85.040	%	30-130
		Dup Lab Fort Bl Amt.	100.000	ug/l	
		Dup Lab Fort Bl. Fnd	88.810	ug/l	
		Dup Lab Fort Bl %Rec	88.810	%	
		Lab Fort Blank Range	3.770	units	
		Lab Fort Bl. Av. Rec	86.925	%	
		LFB Duplicate RPD	4.337	%	
	Dibenzofuran	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	97.30	ug/l	
		Lab Fort Blk. % Rec.	97.30	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	102.09	ug/l	
		Dup Lab Fort Bl %Rec	102.09	%	
		Lab Fort Blank Range	4.79	units	
		Lab Fort Bl. Av. Rec	99.70	%	
		LFB Duplicate RPD	4.80	%	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46994					
	3,3-Dichlorobenzidine	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	70.21	ug/l	
		Lab Fort Blk. % Rec.	70.21	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	72.04	ug/l	
		Dup Lab Fort Bl %Rec	72.04	%	
		Lab Fort Blank Range	1.83	units	
		Lab Fort Bl. Av. Rec	71.12	%	
		LFB Duplicate RPD	2.57	%	
	Diethylphthalate	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	86.29	ug/l	
		Lab Fort Blk. % Rec.	86.29	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	84.71	ug/l	
		Dup Lab Fort Bl %Rec	84.71	%	
		Lab Fort Blank Range	1.58	units	
		Lab Fort Bl. Av. Rec	85.50	%	
		LFB Duplicate RPD	1.85	%	
	Dimethylphthalate	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	66.24	ug/l	
		Lab Fort Blk. % Rec.	66.24	%	10-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	57.77	ug/l	
		Dup Lab Fort Bl %Rec	57.77	%	
		Lab Fort Blank Range	8.47	units	
		Lab Fort Bl. Av. Rec	62.00	%	
		LFB Duplicate RPD	13.66	%	
	Di-n-butylphthalate	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	83.75	ug/l	
		Lab Fort Blk. % Rec.	83.75	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	85.55	ug/l	
		Dup Lab Fort Bl %Rec	85.55	%	
		Lab Fort Blank Range	1.80	units	
		Lab Fort Bl. Av. Rec	84.65	%	
		LFB Duplicate RPD	2.13	%	
	2,4-Dinitrotoluene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	108.97	ug/l	
		Lab Fort Blk. % Rec.	108.97	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	111.83	ug/l	
		Dup Lab Fort Bl %Rec	111.83	%	
		Lab Fort Blank Range	2.86	units	

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LFBLANK-46994					
	2,4-Dinitrotoluene	Lab Fort Bl. Av. Rec	110.40	%	
		LFB Duplicate RPD	2.59	%	
	2,6-Dinitrotoluene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	93.91	ug/l	
		Lab Fort Blk. % Rec.	93.91	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	98.13	ug/l	
		Dup Lab Fort Bl %Rec	98.13	%	
		Lab Fort Blank Range	4.22	units	
		Lab Fort Bl. Av. Rec	96.02	%	
		LFB Duplicate RPD	4.39	%	
	1,2-Diphenylhydrazine (as Azobenzene)	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	76.57	ug/l	
		Lab Fort Blk. % Rec.	76.57	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	80.17	ug/l	
		Dup Lab Fort Bl %Rec	80.17	%	
		Lab Fort Blank Range	3.60	units	
		Lab Fort Bl. Av. Rec	78.37	%	
		LFB Duplicate RPD	4.59	%	
	Di-n-octylphthalate	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	95.97	ug/l	
		Lab Fort Blk. % Rec.	95.97	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	99.47	ug/l	
		Dup Lab Fort Bl %Rec	99.47	%	
		Lab Fort Blank Range	3.50	units	
		Lab Fort Bl. Av. Rec	97.72	%	
		LFB Duplicate RPD	3.58	%	
	Fluoranthene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	84.94	ug/l	
		Lab Fort Blk. % Rec.	84.94	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	87.11	ug/l	
		Dup Lab Fort Bl %Rec	87.11	%	
		Lab Fort Blank Range	2.17	units	
		Lab Fort Bl. Av. Rec	86.02	%	
		LFB Duplicate RPD	2.52	%	
	Fluorene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	72.92	ug/l	
		Lab Fort Blk. % Rec.	72.92	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	76.15	ug/l	

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LFBLANK-46994					
	Fluorene	Dup Lab Fort Bl %Rec	76.15	%	
		Lab Fort Blank Range	3.23	units	
		Lab Fort Bl. Av. Rec	74.54	%	
		LFB Duplicate RPD	4.33	%	
	Hexachlorobenzene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	83.58	ug/l	
		Lab Fort Blk. % Rec.	83.58	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	88.08	ug/l	
		Dup Lab Fort Bl %Rec	88.08	%	
		Lab Fort Blank Range	4.50	units	
		Lab Fort Bl. Av. Rec	85.83	%	
		LFB Duplicate RPD	5.24	%	
	Hexachlorobutadiene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	79.83	ug/l	
		Lab Fort Blk. % Rec.	79.83	%	20-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	77.81	ug/l	
		Dup Lab Fort Bl %Rec	77.81	%	
		Lab Fort Blank Range	2.02	units	
		Lab Fort Bl. Av. Rec	78.82	%	
		LFB Duplicate RPD	2.56	%	
	Hexachlorocyclopentadiene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	94.85	ug/l	
		Lab Fort Blk. % Rec.	94.85	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	94.33	ug/l	
		Dup Lab Fort Bl %Rec	94.33	%	
		Lab Fort Blank Range	0.52	units	
		Lab Fort Bl. Av. Rec	94.59	%	
		LFB Duplicate RPD	0.55	%	
	Hexachloroethane	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	62.58	ug/l	
		Lab Fort Blk. % Rec.	62.58	%	20-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	58.40	ug/l	
		Dup Lab Fort Bl %Rec	58.40	%	
		Lab Fort Blank Range	4.18	units	
		Lab Fort Bl. Av. Rec	60.49	%	
		LFB Duplicate RPD	6.91	%	
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	90.000	ug/l	
		Lab Fort Blk. % Rec.	90.000	%	40-140

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LFBLANK-46994					
	Indeno(1,2,3-cd)pyrene	Dup Lab Fort Bl Amt.	100.000	ug/l	
		Dup Lab Fort Bl. Fnd	94.000	ug/l	
		Dup Lab Fort Bl %Rec	94.000	%	
		Lab Fort Blank Range	4.000	units	
		Lab Fort Bl. Av. Rec	92.000	%	
		LFB Duplicate RPD	4.348	%	
	Isophorone	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	76.71	ug/l	
		Lab Fort Blk. % Rec.	76.71	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	76.53	ug/l	
		Dup Lab Fort Bl %Rec	76.53	%	
		Lab Fort Blank Range	0.18	units	
		Lab Fort Bl. Av. Rec	76.62	%	
		LFB Duplicate RPD	0.23	%	
	2-Methylnaphthalene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	71.89	ug/l	
		Lab Fort Blk. % Rec.	71.89	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	69.49	ug/l	
		Dup Lab Fort Bl %Rec	69.49	%	
		Lab Fort Blank Range	2.40	units	
		Lab Fort Bl. Av. Rec	70.69	%	
		LFB Duplicate RPD	3.40	%	
	2-Nitroaniline	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	78.46	ug/l	
		Lab Fort Blk. % Rec.	78.46	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	82.97	ug/l	
		Dup Lab Fort Bl %Rec	82.97	%	
		Lab Fort Blank Range	4.51	units	
		Lab Fort Bl. Av. Rec	80.72	%	
		LFB Duplicate RPD	5.59	%	
	3-Nitroaniline	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	76.73	ug/l	
		Lab Fort Blk. % Rec.	76.73	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	80.84	ug/l	
		Dup Lab Fort Bl %Rec	80.84	%	
		Lab Fort Blank Range	4.11	units	
		Lab Fort Bl. Av. Rec	78.78	%	
		LFB Duplicate RPD	5.22	%	
	Nitrobenzene	Lab Fort Blank Amt.	100.00	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46994					
	Nitrobenzene	Lab Fort Blk. Found	69.05	ug/l	
		Lab Fort Blk. % Rec.	69.05	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	68.13	ug/l	
		Dup Lab Fort Bl %Rec	68.13	%	
		Lab Fort Blank Range	0.92	units	
		Lab Fort Bl. Av. Rec	68.59	%	
		LFB Duplicate RPD	1.34	%	
	N-Nitroso-di-n-propylamine	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	67.40	ug/l	
		Lab Fort Blk. % Rec.	67.40	%	30-108
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	61.86	ug/l	
		Dup Lab Fort Bl %Rec	61.86	%	
		Lab Fort Blank Range	5.54	units	
		Lab Fort Bl. Av. Rec	64.63	%	
		LFB Duplicate RPD	8.57	%	
	N-Nitrosodiphenylamine	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	83.24	ug/l	
		Lab Fort Blk. % Rec.	83.24	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	87.13	ug/l	
		Dup Lab Fort Bl %Rec	87.13	%	
		Lab Fort Blank Range	3.89	units	
		Lab Fort Bl. Av. Rec	85.18	%	
		LFB Duplicate RPD	4.57	%	
	Phenanthrene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	77.59	ug/l	
		Lab Fort Blk. % Rec.	77.59	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	81.58	ug/l	
		Dup Lab Fort Bl %Rec	81.58	%	
		Lab Fort Blank Range	3.99	units	
		Lab Fort Bl. Av. Rec	79.58	%	
		LFB Duplicate RPD	5.01	%	
	Pyrene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	84.10	ug/l	
		Lab Fort Blk. % Rec.	84.10	%	40-140
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	88.06	ug/l	
		Dup Lab Fort Bl %Rec	88.06	%	
		Lab Fort Blank Range	3.96	units	
		Lab Fort Bl. Av. Rec	86.08	%	

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LFBLANK-46994					
	Pyrene	LFB Duplicate RPD	4.60	%	
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	74.17	ug/l	
		Lab Fort Blk. % Rec.	74.17	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	72.54	ug/l	
		Dup Lab Fort Bl %Rec	72.54	%	
		Lab Fort Blank Range	1.63	units	
		Lab Fort Bl. Av. Rec	73.36	%	
		LFB Duplicate RPD	2.22	%	
	4-Chloro-3-methylphenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	79.71	ug/l	
		Lab Fort Blk. % Rec.	79.71	%	32-120
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	81.11	ug/l	
		Dup Lab Fort Bl %Rec	81.11	%	
		Lab Fort Blank Range	1.40	units	
		Lab Fort Bl. Av. Rec	80.41	%	
		LFB Duplicate RPD	1.74	%	
	2-Chlorophenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	74.37	ug/l	
		Lab Fort Blk. % Rec.	74.37	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	71.59	ug/l	
		Dup Lab Fort Bl %Rec	71.59	%	
		Lab Fort Blank Range	2.78	units	
		Lab Fort Bl. Av. Rec	72.98	%	
		LFB Duplicate RPD	3.81	%	
	2,4-Dichlorophenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	79.22	ug/l	
		Lab Fort Blk. % Rec.	79.22	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	79.50	ug/l	
		Dup Lab Fort Bl %Rec	79.50	%	
		Lab Fort Blank Range	0.28	units	
		Lab Fort Bl. Av. Rec	79.36	%	
		LFB Duplicate RPD	0.35	%	
	2,4-Dimethylphenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	80.24	ug/l	
		Lab Fort Blk. % Rec.	80.24	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	81.29	ug/l	
		Dup Lab Fort Bl %Rec	81.29	%	

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LFBLANK-46994					
	2,4-Dimethylphenol	Lab Fort Blank Range	1.05	units	
		Lab Fort Bl. Av. Rec	80.76	%	
		LFB Duplicate RPD	1.30	%	
	4,6-Dinitro-2-methylphenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	82.30	ug/l	
		Lab Fort Blk. % Rec.	82.30	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	89.38	ug/l	
		Dup Lab Fort Bl %Rec	89.38	%	
		Lab Fort Blank Range	7.08	units	
		Lab Fort Bl. Av. Rec	85.84	%	
		LFB Duplicate RPD	8.25	%	
	2,4-Dinitrophenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	80.15	ug/l	
		Lab Fort Blk. % Rec.	80.15	%	10-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	87.01	ug/l	
		Dup Lab Fort Bl %Rec	87.01	%	
		Lab Fort Blank Range	6.86	units	
		Lab Fort Bl. Av. Rec	83.58	%	
		LFB Duplicate RPD	8.21	%	
	o-cresol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	66.33	ug/l	
		Lab Fort Blk. % Rec.	66.33	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	63.77	ug/l	
		Dup Lab Fort Bl %Rec	63.77	%	
		Lab Fort Blank Range	2.56	units	
		Lab Fort Bl. Av. Rec	65.05	%	
		LFB Duplicate RPD	3.94	%	
	m & p-Cresol(s)	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	69.46	ug/l	
		Lab Fort Blk. % Rec.	69.46	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	65.73	ug/l	
		Dup Lab Fort Bl %Rec	65.73	%	
		Lab Fort Blank Range	3.73	units	
		Lab Fort Bl. Av. Rec	67.60	%	
		LFB Duplicate RPD	5.52	%	
	2-Nitrophenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	80.05	ug/l	
		Lab Fort Blk. % Rec.	80.05	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GCMS/SEMI-7612

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46994					
	2-Nitrophenol	Dup Lab Fort Bl. Fnd	78.42	ug/l	
		Dup Lab Fort Bl %Rec	78.42	%	
		Lab Fort Blank Range	1.63	units	
		Lab Fort Bl. Av. Rec	79.24	%	
		LFB Duplicate RPD	2.06	%	
	4-Nitrophenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	39.03	ug/l	
		Lab Fort Blk. % Rec.	39.03	%	14-100
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	40.28	ug/l	
		Dup Lab Fort Bl %Rec	40.28	%	
		Lab Fort Blank Range	1.25	units	
		Lab Fort Bl. Av. Rec	39.66	%	
		LFB Duplicate RPD	3.15	%	
	Phenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	32.19	ug/l	
		Lab Fort Blk. % Rec.	32.19	%	20-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	30.99	ug/l	
		Dup Lab Fort Bl %Rec	30.99	%	
		Lab Fort Blank Range	1.20	units	
		Lab Fort Bl. Av. Rec	31.59	%	
		LFB Duplicate RPD	3.80	%	
	2,4,5-Trichlorophenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	92.90	ug/l	
		Lab Fort Blk. % Rec.	92.90	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	99.77	ug/l	
		Dup Lab Fort Bl %Rec	99.77	%	
		Lab Fort Blank Range	6.87	units	
		Lab Fort Bl. Av. Rec	96.34	%	
		LFB Duplicate RPD	7.13	%	
	2,4,6-Trichlorophenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	85.33	ug/l	
		Lab Fort Blk. % Rec.	85.33	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	92.98	ug/l	
		Dup Lab Fort Bl %Rec	92.98	%	
		Lab Fort Blank Range	7.65	units	
		Lab Fort Bl. Av. Rec	89.16	%	
		LFB Duplicate RPD	8.58	%	
	Pentachlorophenol	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	97.99	ug/l	

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QC Batch Number: GCMS/SEMI-7612

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46994					
	Pentachlorophenol	Lab Fort Blk. % Rec.	97.99	%	30-130
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	104.14	ug/l	
		Dup Lab Fort Bl %Rec	104.14	%	
		Lab Fort Blank Range	6.15	units	
		Lab Fort Bl. Av. Rec	101.06	%	
		LFB Duplicate RPD	6.09	%	
	Pyridine	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	38.4	ug/l	
		Lab Fort Blk. % Rec.	38.4	%	
		Dup Lab Fort Bl Amt.	100.0	ug/l	
		Dup Lab Fort Bl. Fnd	42.0	ug/l	
		Dup Lab Fort Bl %Rec	42.0	%	
		Lab Fort Blank Range	3.6	units	
		Lab Fort Bl. Av. Rec	40.2	%	
		LFB Duplicate RPD	8.9	%	
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	100.000	ug/l	
		Lab Fort Blk. Found	78.740	ug/l	
		Lab Fort Blk. % Rec.	78.740	%	40-140
		Dup Lab Fort Bl Amt.	100.000	ug/l	
		Dup Lab Fort Bl. Fnd	102.010	ug/l	
		Dup Lab Fort Bl %Rec	102.010	%	
		Lab Fort Blank Range	23.270	units	
		Lab Fort Bl. Av. Rec	90.375	%	
		LFB Duplicate RPD	25.748	%	
	4-Nitroaniline	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	83.81	ug/l	
		Lab Fort Blk. % Rec.	83.81	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	88.49	ug/l	
		Dup Lab Fort Bl %Rec	88.49	%	
		Lab Fort Blank Range	4.68	units	
		Lab Fort Bl. Av. Rec	86.15	%	
		LFB Duplicate RPD	5.43	%	
	Acetophenone	Lab Fort Blank Amt.	100.00	ug/l	
		Lab Fort Blk. Found	77.50	ug/l	
		Lab Fort Blk. % Rec.	77.50	%	
		Dup Lab Fort Bl Amt.	100.00	ug/l	
		Dup Lab Fort Bl. Fnd	72.11	ug/l	
		Dup Lab Fort Bl %Rec	72.11	%	
		Lab Fort Blank Range	5.39	units	
		Lab Fort Bl. Av. Rec	74.80	%	
		LFB Duplicate RPD	7.21	%	

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Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GCMS/VOL-13581

Sample Id	Analysis	QC Analysis	Values	Units	Limits
05B46682					
	1,2-Dichloroethane-d4	Surrogate Recovery	114.0	%	70-130
	Toluene-d8	Surrogate Recovery	104.6	%	70-130
	Bromofluorobenzene	Surrogate Recovery	102.8	%	70-130
05B46684					
	1,2-Dichloroethane-d4	Surrogate Recovery	102.9	%	70-130
	Toluene-d8	Surrogate Recovery	107.3	%	70-130
	Bromofluorobenzene	Surrogate Recovery	112.6	%	70-130
BLANK-81811					
	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<1.0	ug/l	
	Carbon Tetrachloride	Blank	<1.0	ug/l	
	Chloroform	Blank	<2.0	ug/l	
	1,2-Dichloroethane	Blank	<1.0	ug/l	
	1,4-Dichlorobenzene	Blank	<1.0	ug/l	
	Ethyl Benzene	Blank	<1.0	ug/l	
	2-Butanone (MEK)	Blank	<20.0	ug/l	
	MIBK	Blank	<10.0	ug/l	
	Naphthalene	Blank	<5.0	ug/l	
	Styrene	Blank	<2.0	ug/l	
	Tetrachloroethylene	Blank	<1.0	ug/l	
	Toluene	Blank	<1.0	ug/l	
	1,1,1-Trichloroethane	Blank	<1.0	ug/l	
	Trichloroethylene	Blank	<1.0	ug/l	
	Trichlorofluoromethane	Blank	<2.0	ug/l	
	o-Xylene	Blank	<1.0	ug/l	
	m + p Xylene	Blank	<2.0	ug/l	
	1,2-Dichlorobenzene	Blank	<1.0	ug/l	
	1,3-Dichlorobenzene	Blank	<1.0	ug/l	
	1,1-Dichloroethane	Blank	<1.0	ug/l	
	1,1-Dichloroethylene	Blank	<1.0	ug/l	
	1,4-Dioxane	Blank	<50.0	ug/l	
	MTBE	Blank	<2.0	ug/l	
	trans-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	Vinyl Chloride	Blank	<2.0	ug/l	
	Methylene Chloride	Blank	<5.0	ug/l	
	Chlorobenzene	Blank	<1.0	ug/l	
	Chloromethane	Blank	<2.0	ug/l	
	Bromomethane	Blank	<2.0	ug/l	
	Chloroethane	Blank	<2.0	ug/l	
	cis-1,3-Dichloropropene	Blank	<2.0	ug/l	
	trans-1,3-Dichloropropene	Blank	<2.0	ug/l	
	Chlorodibromomethane	Blank	<2.0	ug/l	
	1,1,2-Trichloroethane	Blank	<1.0	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-81811					
	Bromoform	Blank	<3.0	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	2-Chlorotoluene	Blank	<1.0	ug/l	
	Hexachlorobutadiene	Blank	<1.0	ug/l	
	Isopropylbenzene	Blank	<2.0	ug/l	
	p-Isopropyltoluene	Blank	<2.0	ug/l	
	n-Propylbenzene	Blank	<1.0	ug/l	
	sec-Butylbenzene	Blank	<1.0	ug/l	
	tert-Butylbenzene	Blank	<2.0	ug/l	
	1,2,3-Trichlorobenzene	Blank	<5.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<3.0	ug/l	
	1,2,4-Trimethylbenzene	Blank	<1.0	ug/l	
	1,3,5-Trimethylbenzene	Blank	<2.0	ug/l	
	Dibromomethane	Blank	<1.0	ug/l	
	cis-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	4-Chlorotoluene	Blank	<1.0	ug/l	
	1,1-Dichloropropene	Blank	<2.0	ug/l	
	1,2-Dichloropropane	Blank	<1.0	ug/l	
	1,3-Dichloropropane	Blank	<0.5	ug/l	
	2,2-Dichloropropane	Blank	<5.0	ug/l	
	1,1,1,2-Tetrachloroethane	Blank	<1.0	ug/l	
	1,2,3-Trichloropropane	Blank	<2.0	ug/l	
	n-Butylbenzene	Blank	<2.0	ug/l	
	Dichlorodifluoromethane	Blank	<2.0	ug/l	
	Bromochloromethane	Blank	<1.0	ug/l	
	Bromobenzene	Blank	<1.0	ug/l	
	Acrylonitrile	Blank	<5.0	ug/l	
	Carbon Disulfide	Blank	<3.0	ug/l	
	2-Hexanone	Blank	<10.0	ug/l	
	trans-1,4-Dichloro-2-Butene	Blank	<2.0	ug/l	
	Diethyl Ether	Blank	<2.0	ug/l	
	Bromodichloromethane	Blank	<1.0	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<5.0	ug/l	
	1,2-Dibromoethane	Blank	<1.00	ug/l	
	Tetrahydrofuran	Blank	<10.0	ug/l	
	tert-Butyl Alcohol	Blank	<20.0	ug/l	
	Diisopropyl Ether	Blank	<0.5	ug/l	
	tert-Butylethyl Ether	Blank	<0.5	ug/l	
	tert-Amylmethyl Ether	Blank	<0.5	ug/l	
LFBLANK-46891					
	Acetone	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	32.9	ug/l	
		Lab Fort Blk. % Rec.	164.4	%	50-155

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QC Batch Number: GCMS/VOL-13581

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	Acetone	Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	33.3	ug/l	
		Dup Lab Fort Bl %Rec	166.6	%	50-155
		Lab Fort Blank Range	2.1	units	
		Lab Fort Bl. Av. Rec	165.5	%	
		LFB Duplicate RPD	1.3	%	0-50
	Benzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	20.4	ug/l	
		Lab Fort Blk. % Rec.	102.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	19.7	ug/l	
		Dup Lab Fort Bl %Rec	98.5	%	70-130
		Lab Fort Blank Range	3.8	units	
		Lab Fort Bl. Av. Rec	100.4	%	
		LFB Duplicate RPD	3.7	%	0-25
	Carbon Tetrachloride	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	20.6	ug/l	
		Lab Fort Blk. % Rec.	103.0	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.0	ug/l	
		Dup Lab Fort Bl %Rec	100.1	%	70-130
		Lab Fort Blank Range	2.9	units	
		Lab Fort Bl. Av. Rec	101.6	%	
		LFB Duplicate RPD	2.9	%	0-25
	Chloroform	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.9	ug/l	
		Lab Fort Blk. % Rec.	109.5	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.1	ug/l	
		Dup Lab Fort Bl %Rec	105.6	%	70-130
		Lab Fort Blank Range	3.8	units	
		Lab Fort Bl. Av. Rec	107.6	%	
		LFB Duplicate RPD	3.6	%	0-25
	1,2-Dichloroethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.4	ug/l	
		Lab Fort Blk. % Rec.	107.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.6	ug/l	
		Dup Lab Fort Bl %Rec	108.0	%	70-130
		Lab Fort Blank Range	0.8	units	
		Lab Fort Bl. Av. Rec	107.6	%	
		LFB Duplicate RPD	0.8	%	0-25
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	20.0	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	1,4-Dichlorobenzene	Lab Fort Blk. Found	22.2	ug/l	
		Lab Fort Blk. % Rec.	111.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.5	ug/l	
		Dup Lab Fort Bl %Rec	107.4	%	70-130
		Lab Fort Blank Range	3.9	units	
		Lab Fort Bl. Av. Rec	109.3	%	
		LFB Duplicate RPD	3.6	%	0-25
	Ethyl Benzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.4	ug/l	
		Lab Fort Blk. % Rec.	111.8	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.2	ug/l	
		Dup Lab Fort Bl %Rec	110.8	%	70-130
		Lab Fort Blank Range	1.0	units	
		Lab Fort Bl. Av. Rec	111.3	%	
		LFB Duplicate RPD	0.9	%	0-25
	2-Butanone (MEK)	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	23.0	ug/l	
		Lab Fort Blk. % Rec.	115.1	%	50-155
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	23.9	ug/l	
		Dup Lab Fort Bl %Rec	119.3	%	50-155
		Lab Fort Blank Range	4.2	units	
		Lab Fort Bl. Av. Rec	117.2	%	
		LFB Duplicate RPD	3.6	%	0-50
	MIBK	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	25.5	ug/l	
		Lab Fort Blk. % Rec.	127.5	%	50-155
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	27.1	ug/l	
		Dup Lab Fort Bl %Rec	135.6	%	50-155
		Lab Fort Blank Range	8.2	units	
		Lab Fort Bl. Av. Rec	131.6	%	
		LFB Duplicate RPD	6.2	%	0-50
	Naphthalene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	17.2	ug/l	
		Lab Fort Blk. % Rec.	85.9	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	17.7	ug/l	
		Dup Lab Fort Bl %Rec	88.3	%	70-130
		Lab Fort Blank Range	2.4	units	
		Lab Fort Bl. Av. Rec	87.1	%	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	Naphthalene	LFB Duplicate RPD	2.8	%	0-25
	Styrene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	19.3	ug/l	
		Lab Fort Blk. % Rec.	96.6	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	19.2	ug/l	
		Dup Lab Fort Bl %Rec	95.8	%	70-130
		Lab Fort Blank Range	0.9	units	
		Lab Fort Bl. Av. Rec	96.2	%	
		LFB Duplicate RPD	0.9	%	0-25
	Tetrachloroethylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.8	ug/l	
		Lab Fort Blk. % Rec.	114.0	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.2	ug/l	
		Dup Lab Fort Bl %Rec	110.8	%	70-130
		Lab Fort Blank Range	3.1	units	
		Lab Fort Bl. Av. Rec	112.4	%	
		LFB Duplicate RPD	2.8	%	0-25
	Toluene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	20.9	ug/l	
		Lab Fort Blk. % Rec.	104.5	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.0	ug/l	
		Dup Lab Fort Bl %Rec	105.0	%	70-130
		Lab Fort Blank Range	0.5	units	
		Lab Fort Bl. Av. Rec	104.8	%	
		LFB Duplicate RPD	0.5	%	0-25
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.0	ug/l	
		Lab Fort Blk. % Rec.	110.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.9	ug/l	
		Dup Lab Fort Bl %Rec	104.6	%	70-130
		Lab Fort Blank Range	5.6	units	
		Lab Fort Bl. Av. Rec	107.4	%	
		LFB Duplicate RPD	5.2	%	0-25
	Trichloroethylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	20.3	ug/l	
		Lab Fort Blk. % Rec.	101.5	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.0	ug/l	
		Dup Lab Fort Bl %Rec	99.8	%	70-130

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QC Batch Number: GCMS/VOL-13581

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	Trichloroethylene	Lab Fort Blank Range	1.8	units	
		Lab Fort Bl. Av. Rec	100.6	%	
		LFB Duplicate RPD	1.7	%	0-25
	Trichlorofluoromethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	23.2	ug/l	
		Lab Fort Blk. % Rec.	115.8	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.4	ug/l	
		Dup Lab Fort Bl %Rec	112.1	%	70-130
		Lab Fort Blank Range	3.7	units	
		Lab Fort Bl. Av. Rec	114.0	%	
		LFB Duplicate RPD	3.2	%	0-50
	o-Xylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.4	ug/l	
		Lab Fort Blk. % Rec.	112.0	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.4	ug/l	
		Dup Lab Fort Bl %Rec	111.8	%	70-130
		Lab Fort Blank Range	0.3	units	
		Lab Fort Bl. Av. Rec	111.9	%	
		LFB Duplicate RPD	0.2	%	0-25
	m + p Xylene	Lab Fort Blank Amt.	40.0	ug/l	
		Lab Fort Blk. Found	45.5	ug/l	
		Lab Fort Blk. % Rec.	113.7	%	70-130
		Dup Lab Fort Bl Amt.	40.0	ug/l	
		Dup Lab Fort Bl. Fnd	44.5	ug/l	
		Dup Lab Fort Bl %Rec	111.2	%	70-130
		Lab Fort Blank Range	2.5	units	
		Lab Fort Bl. Av. Rec	112.4	%	
		LFB Duplicate RPD	2.2	%	0-25
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.4	ug/l	
		Lab Fort Blk. % Rec.	112.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.0	ug/l	
		Dup Lab Fort Bl %Rec	110.2	%	70-130
		Lab Fort Blank Range	2.1	units	
		Lab Fort Bl. Av. Rec	111.2	%	
		LFB Duplicate RPD	1.9	%	0-25
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.5	ug/l	
		Lab Fort Blk. % Rec.	112.3	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GCMS/VOL-13581

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	1,3-Dichlorobenzene	Dup Lab Fort Bl. Fnd	21.7	ug/l	
		Dup Lab Fort Bl %Rec	108.4	%	70-130
		Lab Fort Blank Range	4.0	units	
		Lab Fort Bl. Av. Rec	110.3	%	
		LFB Duplicate RPD	3.6	%	0-25
	1,1-Dichloroethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.7	ug/l	
		Lab Fort Blk. % Rec.	108.6	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.7	ug/l	
		Dup Lab Fort Bl %Rec	103.4	%	70-130
		Lab Fort Blank Range	5.2	units	
		Lab Fort Bl. Av. Rec	106.0	%	
		LFB Duplicate RPD	4.9	%	0-25
	1,1-Dichloroethylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.9	ug/l	
		Lab Fort Blk. % Rec.	109.6	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.8	ug/l	
		Dup Lab Fort Bl %Rec	103.8	%	70-130
		Lab Fort Blank Range	5.8	units	
		Lab Fort Bl. Av. Rec	106.8	%	
		LFB Duplicate RPD	5.4	%	0-25
	1,4-Dioxane	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	144.6	ug/l	
		Lab Fort Blk. % Rec.	144.6	%	50-155
		Dup Lab Fort Bl Amt.	100.0	ug/l	
		Dup Lab Fort Bl. Fnd	144.3	ug/l	
		Dup Lab Fort Bl %Rec	144.3	%	50-155
		Lab Fort Blank Range	0.2	units	
		Lab Fort Bl. Av. Rec	144.4	%	
		LFB Duplicate RPD	0.2	%	0-50
	MTBE	Lab Fort Blank Amt.	40.0	ug/l	
		Lab Fort Blk. Found	33.4	ug/l	
		Lab Fort Blk. % Rec.	83.6	%	70-130
		Dup Lab Fort Bl Amt.	40.0	ug/l	
		Dup Lab Fort Bl. Fnd	35.0	ug/l	
		Dup Lab Fort Bl %Rec	87.6	%	70-130
		Lab Fort Blank Range	3.9	units	
		Lab Fort Bl. Av. Rec	85.6	%	
		LFB Duplicate RPD	4.6	%	0-50
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.6	ug/l	

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BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GCMS/VOL-13581

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	trans-1,2-Dichloroethylene	Lab Fort Blk. % Rec.	108.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.8	ug/l	
		Dup Lab Fort Bl %Rec	103.8	%	70-130
		Lab Fort Blank Range	4.3	units	
		Lab Fort Bl. Av. Rec	106.0	%	
		LFB Duplicate RPD	4.1	%	0-25
	Vinyl Chloride	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.6	ug/l	
		Lab Fort Blk. % Rec.	112.9	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.1	ug/l	
		Dup Lab Fort Bl %Rec	105.6	%	70-130
		Lab Fort Blank Range	7.4	units	
		Lab Fort Bl. Av. Rec	109.2	%	
		LFB Duplicate RPD	6.7	%	0-25
	Methylene Chloride	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	18.6	ug/l	
		Lab Fort Blk. % Rec.	93.0	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	18.4	ug/l	
		Dup Lab Fort Bl %Rec	91.8	%	70-130
		Lab Fort Blank Range	1.2	units	
		Lab Fort Bl. Av. Rec	92.4	%	
		LFB Duplicate RPD	1.3	%	0-50
	Chlorobenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.6	ug/l	
		Lab Fort Blk. % Rec.	112.8	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.6	ug/l	
		Dup Lab Fort Bl %Rec	113.0	%	70-130
		Lab Fort Blank Range	0.2	units	
		Lab Fort Bl. Av. Rec	112.8	%	
		LFB Duplicate RPD	0.2	%	0-25
	Chloromethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.2	ug/l	
		Lab Fort Blk. % Rec.	110.8	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.0	ug/l	
		Dup Lab Fort Bl %Rec	105.2	%	70-130
		Lab Fort Blank Range	5.6	units	
		Lab Fort Bl. Av. Rec	108.0	%	
		LFB Duplicate RPD	5.2	%	0-50

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BATCH QC: Lab fortified Blanks and Duplicates
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Method Blanks

Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GCMS/VOL-13581

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	Bromomethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	19.0	ug/l	
		Lab Fort Blk. % Rec.	95.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	18.2	ug/l	
		Dup Lab Fort Bl %Rec	91.0	%	70-130
		Lab Fort Blank Range	4.1	units	
		Lab Fort Bl. Av. Rec	93.1	%	
		LFB Duplicate RPD	4.4	%	0-50
	Chloroethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.3	ug/l	
		Lab Fort Blk. % Rec.	106.3	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.7	ug/l	
		Dup Lab Fort Bl %Rec	103.4	%	70-130
		Lab Fort Blank Range	2.9	units	
		Lab Fort Bl. Av. Rec	104.8	%	
		LFB Duplicate RPD	2.8	%	0-25
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	19.2	ug/l	
		Lab Fort Blk. % Rec.	96.0	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	19.3	ug/l	
		Dup Lab Fort Bl %Rec	96.3	%	70-130
		Lab Fort Blank Range	0.2	units	
		Lab Fort Bl. Av. Rec	96.2	%	
		LFB Duplicate RPD	0.3	%	0-25
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	18.2	ug/l	
		Lab Fort Blk. % Rec.	91.0	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	18.4	ug/l	
		Dup Lab Fort Bl %Rec	91.8	%	70-130
		Lab Fort Blank Range	0.7	units	
		Lab Fort Bl. Av. Rec	91.4	%	
		LFB Duplicate RPD	0.8	%	0-25
	Chlorodibromomethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	19.2	ug/l	
		Lab Fort Blk. % Rec.	96.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	19.5	ug/l	
		Dup Lab Fort Bl %Rec	97.6	%	70-130
		Lab Fort Blank Range	1.3	units	

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QC SUMMARY REPORT

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Report Date: 12/13/2005 Lims Bat # : LIMS-93598

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	Chlorodibromomethane	Lab Fort Bl. Av. Rec	96.9	%	
		LFB Duplicate RPD	1.4	%	0-25
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.1	ug/l	
		Lab Fort Blk. % Rec.	110.4	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.2	ug/l	
		Dup Lab Fort Bl %Rec	111.2	%	70-130
		Lab Fort Blank Range	0.9	units	
		Lab Fort Bl. Av. Rec	110.8	%	
		LFB Duplicate RPD	0.8	%	0-25
	Bromoform	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	20.4	ug/l	
		Lab Fort Blk. % Rec.	102.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.9	ug/l	
		Dup Lab Fort Bl %Rec	104.7	%	70-130
		Lab Fort Blank Range	2.6	units	
		Lab Fort Bl. Av. Rec	103.4	%	
		LFB Duplicate RPD	2.5	%	0-25
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	23.0	ug/l	
		Lab Fort Blk. % Rec.	115.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	24.3	ug/l	
		Dup Lab Fort Bl %Rec	121.4	%	70-130
		Lab Fort Blank Range	6.2	units	
		Lab Fort Bl. Av. Rec	118.3	%	
		LFB Duplicate RPD	5.3	%	0-25
	2-Chlorotoluene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.7	ug/l	
		Lab Fort Blk. % Rec.	113.6	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.2	ug/l	
		Dup Lab Fort Bl %Rec	111.0	%	70-130
		Lab Fort Blank Range	2.6	units	
		Lab Fort Bl. Av. Rec	112.3	%	
		LFB Duplicate RPD	2.3	%	0-25
	Hexachlorobutadiene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	23.0	ug/l	
		Lab Fort Blk. % Rec.	114.8	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.7	ug/l	

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QC SUMMARY REPORT

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BATCH QC: Lab fortified Blanks and Duplicates
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Method Blanks

Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GCMS/VOL-13581

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	Hexachlorobutadiene	Dup Lab Fort Bl %Rec	108.4	%	70-130
		Lab Fort Blank Range	6.5	units	
		Lab Fort Bl. Av. Rec	111.6	%	
		LFB Duplicate RPD	5.8	%	0-50
	Isopropylbenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.4	ug/l	
		Lab Fort Blk. % Rec.	112.0	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.1	ug/l	
		Dup Lab Fort Bl %Rec	110.4	%	70-130
		Lab Fort Blank Range	1.5	units	
		Lab Fort Bl. Av. Rec	111.2	%	
		LFB Duplicate RPD	1.4	%	0-25
	p-Isopropyltoluene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.6	ug/l	
		Lab Fort Blk. % Rec.	108.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.0	ug/l	
		Dup Lab Fort Bl %Rec	104.8	%	70-130
		Lab Fort Blank Range	3.4	units	
		Lab Fort Bl. Av. Rec	106.5	%	
		LFB Duplicate RPD	3.2	%	0-25
	n-Propylbenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.9	ug/l	
		Lab Fort Blk. % Rec.	114.4	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.7	ug/l	
		Dup Lab Fort Bl %Rec	113.4	%	70-130
		Lab Fort Blank Range	1.1	units	
		Lab Fort Bl. Av. Rec	113.9	%	
		LFB Duplicate RPD	0.9	%	0-25
	sec-Butylbenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.6	ug/l	
		Lab Fort Blk. % Rec.	112.9	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.6	ug/l	
		Dup Lab Fort Bl %Rec	107.8	%	70-130
		Lab Fort Blank Range	5.0	units	
		Lab Fort Bl. Av. Rec	110.4	%	
		LFB Duplicate RPD	4.6	%	0-25
	tert-Butylbenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	23.8	ug/l	
		Lab Fort Blk. % Rec.	119.1	%	70-130

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Report Date: 12/13/2005 Lims Bat # : LIMS-93598

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	tert-Butylbenzene	Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	25.2	ug/l	
		Dup Lab Fort Bl %Rec	126.0	%	70-130
		Lab Fort Blank Range	6.9	units	
		Lab Fort Bl. Av. Rec	122.6	%	
		LFB Duplicate RPD	5.7	%	0-50
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	18.8	ug/l	
		Lab Fort Blk. % Rec.	94.1	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	18.9	ug/l	
		Dup Lab Fort Bl %Rec	94.4	%	70-130
		Lab Fort Blank Range	0.3	units	
		Lab Fort Bl. Av. Rec	94.2	%	
		LFB Duplicate RPD	0.3	%	0-25
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	18.2	ug/l	
		Lab Fort Blk. % Rec.	91.1	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	18.2	ug/l	
		Dup Lab Fort Bl %Rec	91.2	%	70-130
		Lab Fort Blank Range	0.2	units	
		Lab Fort Bl. Av. Rec	91.2	%	
		LFB Duplicate RPD	0.2	%	0-25
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.3	ug/l	
		Lab Fort Blk. % Rec.	111.5	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.5	ug/l	
		Dup Lab Fort Bl %Rec	107.6	%	70-130
		Lab Fort Blank Range	3.8	units	
		Lab Fort Bl. Av. Rec	109.6	%	
		LFB Duplicate RPD	3.5	%	0-25
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.0	ug/l	
		Lab Fort Blk. % Rec.	110.0	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.9	ug/l	
		Dup Lab Fort Bl %Rec	109.6	%	70-130
		Lab Fort Blank Range	0.5	units	
		Lab Fort Bl. Av. Rec	109.8	%	
		LFB Duplicate RPD	0.5	%	0-25
	Dibromomethane	Lab Fort Blank Amt.	20.0	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	Dibromomethane	Lab Fort Blk. Found	21.8	ug/l	
		Lab Fort Blk. % Rec.	108.8	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.2	ug/l	
		Dup Lab Fort Bl %Rec	111.2	%	70-130
		Lab Fort Blank Range	2.5	units	
		Lab Fort Bl. Av. Rec	110.0	%	
		LFB Duplicate RPD	2.2	%	0-25
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	20.3	ug/l	
		Lab Fort Blk. % Rec.	101.7	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	19.7	ug/l	
		Dup Lab Fort Bl %Rec	98.5	%	70-130
		Lab Fort Blank Range	3.2	units	
		Lab Fort Bl. Av. Rec	100.1	%	
		LFB Duplicate RPD	3.2	%	0-25
	4-Chlorotoluene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	23.0	ug/l	
		Lab Fort Blk. % Rec.	115.2	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.7	ug/l	
		Dup Lab Fort Bl %Rec	113.7	%	70-130
		Lab Fort Blank Range	1.4	units	
		Lab Fort Bl. Av. Rec	114.4	%	
		LFB Duplicate RPD	1.3	%	0-25
	1,1-Dichloropropene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.4	ug/l	
		Lab Fort Blk. % Rec.	106.8	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.6	ug/l	
		Dup Lab Fort Bl %Rec	102.9	%	70-130
		Lab Fort Blank Range	3.9	units	
		Lab Fort Bl. Av. Rec	104.8	%	
		LFB Duplicate RPD	3.7	%	0-25
	1,2-Dichloropropane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.3	ug/l	
		Lab Fort Blk. % Rec.	106.6	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.5	ug/l	
		Dup Lab Fort Bl %Rec	107.7	%	70-130
		Lab Fort Blank Range	1.0	units	
		Lab Fort Bl. Av. Rec	107.2	%	

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QC Batch Number: GCMS/VOL-13581

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	1,2-Dichloropropane	LFB Duplicate RPD	1.0	%	0-25
	1,3-Dichloropropane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.5	ug/l	
		Lab Fort Blk. % Rec.	107.4	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.7	ug/l	
		Dup Lab Fort Bl %Rec	108.4	%	70-130
		Lab Fort Blank Range	1.0	units	
		Lab Fort Bl. Av. Rec	107.8	%	
		LFB Duplicate RPD	0.9	%	0-25
	2,2-Dichloropropane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	14.4	ug/l	
		Lab Fort Blk. % Rec.	72.1	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	14.4	ug/l	
		Dup Lab Fort Bl %Rec	71.8	%	70-130
		Lab Fort Blank Range	0.3	units	
		Lab Fort Bl. Av. Rec	72.0	%	
		LFB Duplicate RPD	0.4	%	0-50
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	26.5	ug/l	
		Lab Fort Blk. % Rec.	132.6	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	26.1	ug/l	
		Dup Lab Fort Bl %Rec	130.5	%	70-130
		Lab Fort Blank Range	2.0	units	
		Lab Fort Bl. Av. Rec	131.5	%	
		LFB Duplicate RPD	1.6	%	0-25
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.6	ug/l	
		Lab Fort Blk. % Rec.	113.0	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	23.7	ug/l	
		Dup Lab Fort Bl %Rec	118.6	%	70-130
		Lab Fort Blank Range	5.6	units	
		Lab Fort Bl. Av. Rec	115.8	%	
		LFB Duplicate RPD	4.8	%	0-25
	n-Butylbenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.5	ug/l	
		Lab Fort Blk. % Rec.	107.7	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.6	ug/l	
		Dup Lab Fort Bl %Rec	102.8	%	70-130

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/13/2005 Lims Bat # : LIMS-93598

QC Batch Number: GCMS/VOL-13581

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-46891					
	n-Butylbenzene	Lab Fort Blank Range	4.8	units	
		Lab Fort Bl. Av. Rec	105.3	%	
		LFB Duplicate RPD	4.6	%	0-50
	Dichlorodifluoromethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.0	ug/l	
		Lab Fort Blk. % Rec.	104.8	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	19.8	ug/l	
		Dup Lab Fort Bl %Rec	99.1	%	70-130
		Lab Fort Blank Range	5.8	units	
		Lab Fort Bl. Av. Rec	102.0	%	
		LFB Duplicate RPD	5.6	%	0-50
	Bromochloromethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.5	ug/l	
		Lab Fort Blk. % Rec.	112.4	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.7	ug/l	
		Dup Lab Fort Bl %Rec	113.6	%	70-130
		Lab Fort Blank Range	1.3	units	
		Lab Fort Bl. Av. Rec	113.0	%	
		LFB Duplicate RPD	1.2	%	0-25
	Bromobenzene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.1	ug/l	
		Lab Fort Blk. % Rec.	110.4	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.0	ug/l	
		Dup Lab Fort Bl %Rec	110.0	%	70-130
		Lab Fort Blank Range	0.3	units	
		Lab Fort Bl. Av. Rec	110.2	%	
		LFB Duplicate RPD	0.3	%	0-25
	Acrylonitrile	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	23.7	ug/l	
		Lab Fort Blk. % Rec.	118.7	%	
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	24.5	ug/l	
		Dup Lab Fort Bl %Rec	122.4	%	
		Lab Fort Blank Range	3.8	units	
		Lab Fort Bl. Av. Rec	120.6	%	
		LFB Duplicate RPD	3.1	%	
	Carbon Disulfide	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.0	ug/l	
		Lab Fort Blk. % Rec.	109.8	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	

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LFBLANK-46891					
	Carbon Disulfide	Dup Lab Fort Bl. Fnd	20.9	ug/l	
		Dup Lab Fort Bl %Rec	104.4	%	70-130
		Lab Fort Blank Range	5.5	units	
		Lab Fort Bl. Av. Rec	107.1	%	
		LFB Duplicate RPD	5.1	%	0-25
	2-Hexanone	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	26.9	ug/l	
		Lab Fort Blk. % Rec.	134.4	%	50-155
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	27.3	ug/l	
		Dup Lab Fort Bl %Rec	136.7	%	50-155
		Lab Fort Blank Range	2.2	units	
		Lab Fort Bl. Av. Rec	135.6	%	
		LFB Duplicate RPD	1.7	%	0-50
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	20.8	ug/l	
		Lab Fort Blk. % Rec.	104.0	%	
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.0	ug/l	
		Dup Lab Fort Bl %Rec	104.8	%	
		Lab Fort Blank Range	0.8	units	
		Lab Fort Bl. Av. Rec	104.4	%	
		LFB Duplicate RPD	0.7	%	
	Diethyl Ether	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	23.1	ug/l	
		Lab Fort Blk. % Rec.	115.4	%	50-155
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.9	ug/l	
		Dup Lab Fort Bl %Rec	114.7	%	50-155
		Lab Fort Blank Range	0.7	units	
		Lab Fort Bl. Av. Rec	115.0	%	
		LFB Duplicate RPD	0.6	%	0-50
	Bromodichloromethane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.6	ug/l	
		Lab Fort Blk. % Rec.	112.8	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.4	ug/l	
		Dup Lab Fort Bl %Rec	112.1	%	70-130
		Lab Fort Blank Range	0.6	units	
		Lab Fort Bl. Av. Rec	112.4	%	
		LFB Duplicate RPD	0.6	%	0-25
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	19.7	ug/l	

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LFBLANK-46891					
	1,2-Dibromo-3-Chloropropane	Lab Fort Blk. % Rec.	98.6	%	70-130
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.8	ug/l	
		Dup Lab Fort Bl %Rec	104.2	%	70-130
		Lab Fort Blank Range	5.5	units	
		Lab Fort Bl. Av. Rec	101.4	%	
		LFB Duplicate RPD	5.4	%	0-25
	1,2-Dibromoethane	Lab Fort Blank Amt.	20.00	ug/l	
		Lab Fort Blk. Found	21.08	ug/l	
		Lab Fort Blk. % Rec.	105.40	%	70-130
		Dup Lab Fort Bl Amt.	20.00	ug/l	
		Dup Lab Fort Bl. Fnd	21.74	ug/l	
		Dup Lab Fort Bl %Rec	108.70	%	70-130
		Lab Fort Blank Range	3.30	units	
		Lab Fort Bl. Av. Rec	107.05	%	
		LFB Duplicate RPD	3.08	%	0-25
	Tetrahydrofuran	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	20.4	ug/l	
		Lab Fort Blk. % Rec.	101.8	%	50-155
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	22.5	ug/l	
		Dup Lab Fort Bl %Rec	112.4	%	50-155
		Lab Fort Blank Range	10.7	units	
		Lab Fort Bl. Av. Rec	107.1	%	
		LFB Duplicate RPD	10.0	%	0-50
	tert-Butyl Alcohol	Lab Fort Blank Amt.	100.0	ug/l	
		Lab Fort Blk. Found	100.5	ug/l	
		Lab Fort Blk. % Rec.	100.5	%	
		Dup Lab Fort Bl Amt.	100.0	ug/l	
		Dup Lab Fort Bl. Fnd	100.8	ug/l	
		Dup Lab Fort Bl %Rec	100.8	%	
		Lab Fort Blank Range	0.4	units	
		Lab Fort Bl. Av. Rec	100.7	%	
		LFB Duplicate RPD	0.3	%	
	Diisopropyl Ether	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.7	ug/l	
		Lab Fort Blk. % Rec.	108.5	%	50-155
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	21.2	ug/l	
		Dup Lab Fort Bl %Rec	106.2	%	50-155
		Lab Fort Blank Range	2.2	units	
		Lab Fort Bl. Av. Rec	107.4	%	
		LFB Duplicate RPD	2.1	%	0-50

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LFBLANK-46891					
	tert-Butylethyl Ether	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	20.0	ug/l	
		Lab Fort Blk. % Rec.	99.8	%	50-155
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.0	ug/l	
		Dup Lab Fort Bl %Rec	99.9	%	50-155
		Lab Fort Blank Range	0.2	units	
		Lab Fort Bl. Av. Rec	99.8	%	
		LFB Duplicate RPD	0.2	%	0-50
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	19.6	ug/l	
		Lab Fort Blk. % Rec.	98.2	%	50-155
		Dup Lab Fort Bl Amt.	20.0	ug/l	
		Dup Lab Fort Bl. Fnd	20.2	ug/l	
		Dup Lab Fort Bl %Rec	100.8	%	50-155
		Lab Fort Blank Range	2.5	units	
		Lab Fort Bl. Av. Rec	99.5	%	
		LFB Duplicate RPD	2.5	%	0-50