UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory

Environmental Services Branch
10625 Fallstone Road, Houston, TX 77099
Phone: (281)983-2100 Fax: (281)983-2248

Final Analytical Report

Site Name ----------Devils Swamp Lake

Sample Collection Date(s)-- 05/05/10

Contact---------- Steve Mason (6SF-PE)

Report Date---------- 06/04/10

Project #---------- 10SF154

Work Order(s)----------1005003

Analyses included in this report:

ABN 525.2
Biology Total Coliform MTF
Metals ICP-MS 200.8
VOA 524.2
Biology E. Coli MTF
Metals ICP 200.7
Metals Mercury 245.1

Report Narrative

Residual Chlorine:

Sample	Tag#	Residual Chlorine (mg/L)
1005003-01M	6-320797	0.6
1005003-02H	6-369733	1.0
1005003-03H	6-369741	0.8
1005003-04H	6-369749	0.4

Note: There was headspace present in all sample containers.

Volatiles:

All analytes except Trihalomethanes are qualified as analyzed outside holding time in the field samples. This is because the acidification performed in the field was inadequate to properly preserve the samples per the method. If samples are not acidified, the method requires that they be analyzed within 24 hours. Because pH is checked after analysis, it was not known that the acidification was inadequate and the 24 hour hold time was exceeded by one day. The method does not require acidification for Trihalomethanes so they were excluded from the qualification.

Two analytes have low failures in the QC. Neither was found in the associated samples.

9600845

Report Narrative (cont'd)

Semi-volatiles:

The samples were not acidified in the field as required by the method. The sample were acidified one day after collection in the laboratory. Because the samples were acidified within one day, no qualifications were added to the data.

Several analytes fail low in the BS. One fails low in the MS and the RPD fails for the pair. Of those, three analytes are significant because the recovery is <50% (BS). The reporting limits were raised in samples 1005003-02, 1005003-03, and 1005003-04 for those analytes. The RLs were not raised in sample 1005003-01 because this sample was used as the source for the matrix spikes which had no significant failures.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin Region 6 Laboratory Manager	David Neleigh Region 6 Laboratory Branch Chief

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Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road
Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Devils Swamp Lake Project Number: 10SF154

Data Management Coordinator: Christy Warren

/ /

Data Management Coordinator Signature Date

Date Transmitted: _____/_____/_____

Please have the U.S. EPA Project Manager/Officer call the Data Management Coordinator at 3-2137 for any comments or questions.

Please sign and date this form below and return it with any comments to:

Christy Warren
Data Management Coordinator
Region 6 Laboratory
6MD-HS

_____/_____/_____

Received by and Date

Comments:

The laboratory routinely disposes of samples 90 days after all analyses have been completed. If you have a need to hold these samples in custody longer than 90 days, please sign below.

_____ _____

Signature Date

Please provide a reason for holding:

Environmental Protection Agency

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ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
DSL01	1005003-01	Liquid	5/5/10 9:50	05/06/10 07:16
DSL02	1005003-02	Liquid	5/5/10 9:02	05/06/10 07:16
DSL03	1005003-03	Liquid	5/5/10 10:37	05/06/10 07:16
DSL04	1005003-04	Liquid	5/5/10 11:12	05/06/10 07:16

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Volatiles by EPA Method 524.2 - GC/MS

Lab ID: 1005003-01 **Station ID: DSL01**

Batch: B0E0706 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 4-Bromofluorobenzene	1.65		82.5	70-130	05/07/10	05/07/10
Surr: 1,2-Dichlorobenzene-d4	1.70		85.0	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	HTA	0.5	1	05/07/10	05/07/10
Chloromethane (74-87-3)	U	HTA	0.5	"	"	"
Vinyl chloride (75-01-4)	U	HTA	0.5	"	"	"
Bromomethane (74-83-9)	U	HTA	0.5	"	"	"
Chloroethane (75-00-3)	U	HTA	0.5	"	"	"
Trichlorofluoromethane (75-69-4)	U	HTA	0.5	"	"	"
1,1-Dichloroethene (75-35-4)	U	HTA	0.5	"	"	"
Methylene chloride (75-09-2)	U	HTA	0.5	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U	HTA	0.5	"	"	"
1,1-Dichloroethane (75-34-3)	U	HTA	0.5	"	"	"
2,2-Dichloropropane (594-20-7)	U	HTA	0.5	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U	HTA	0.5	"	"	"
Bromochloromethane (74-97-5)	U	HTA	0.5	"	"	"
Chloroform (67-66-3)	U		0.5	"	"	"
1,1,1-Trichloroethane (71-55-6)	U	HTA	0.5	"	"	"
Carbon tetrachloride (56-23-5)	U	HTA	0.5	"	"	"
1,1-Dichloropropene (563-58-6)	U	HTA	0.5	"	"	"
Benzene (71-43-2)	U	HTA	0.5	"	"	"
1,2-Dichloroethane (107-06-2)	U	HTA	0.5	"	"	"
Trichloroethene (79-01-6)	U	HTA	0.5	"	"	"
1,2-Dichloropropane (78-87-5)	U	HTA	0.5	"	"	"
Dibromomethane (74-95-3)	U	HTA	0.5	"	"	"
Bromodichloromethane (75-27-4)	U		0.5	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U	HTA	0.5	"	"	"
Toluene (108-88-3)	U	HTA	0.5	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U	HTA	0.5	"	"	"
1,1,2-Trichloroethane (79-00-5)	U	HTA	0.5	"	"	"
Tetrachloroethene (127-18-4)	U	HTA	0.5	"	"	"
1,3-Dichloropropane (142-28-9)	U	HTA	0.5	"	"	"
Dibromochloromethane (124-48-1)	U		0.5	"	"	"

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Volatiles by EPA Method 524.2 - GC/MS

Lab ID: 1005003-01 **Station ID: DSL01**

Batch: B0E0706 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,2-Dibromoethane (106-93-4)	U	HTA	0.5	1	05/07/10	05/07/10
Chlorobenzene (108-90-7)	U	HTA	0.5	"	"	"
1,1,1,2-Tetrachloroethane (630-20-6)	U	HTA	0.5	"	"	"
Ethylbenzene (100-41-4)	U	HTA	0.5	"	"	"
meta-/para-Xylene (na)	U	HTA	1.0	"	"	"
ortho-Xylene (95-47-6)	U	HTA	0.5	"	"	"
Total Xylene (NA)	U	HTA	0.5	"	"	"
Styrene (100-42-5)	U	HTA	0.5	"	"	"
Bromoform (75-25-2)	U		0.5	"	"	"
Isopropylbenzene (98-82-8)	U	HTA	0.5	"	"	"
Bromobenzene (108-86-1)	U	HTA	0.5	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U	HTA	0.5	"	"	"
1,2,3-Trichloropropane (96-18-4)	U	HTA	0.5	"	"	"
n-Propylbenzene (103-65-1)	U	HTA	0.5	"	"	"
2-Chlorotoluene (95-49-8)	U	HTA	0.5	"	"	"
4-Chlorotoluene (106-43-4)	U	HTA	0.5	"	"	"
1,3,5-Trimethylbenzene (108-67-8)	U	HTA	0.5	"	"	"
tert-Butylbenzene (98-06-6)	U	HTA	0.5	"	"	"
1,2,4-Trimethylbenzene (95-63-6)	U	HTA	0.5	"	"	"
sec-Butylbenzene (135-98-8)	U	HTA	0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U	HTA	0.5	"	"	"
p-Isopropyltoluene (99-87-6)	U	HTA	0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U	HTA	0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U	HTA	0.5	"	"	"
n-Butylbenzene (104-51-8)	U	HTA	0.5	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U	HTA	0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U	HTA	0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	HTA	0.5	"	"	"
Naphthalene (91-20-3)	U	HTA	0.5	"	"	"
1,2,3-Trichlorobenzene (87-61-6)	U	HTA	0.5	"	"	"

This sample was received at pH 4.
If biological activity is present, then aromatics may be biased low.

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Semivolatiles by EPA Method 525.2 - GC/MS

Lab ID: 1005003-01 **Station ID: DSL01**

Batch: B0E0602 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 985 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,3-Dimethyl-2-nitrobenzene	4.90		96.6	70-130	05/06/10	05/07/10
Surr: Triphenyl phosphate	5.28		104	70-130	"	"
Surr: Perylene-d12	5.45		107	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthylene (208-96-8)	U		0.2	1	05/06/10	05/07/10
Alachlor (15972-60-8)	U		0.2	"	"	"
Aldrin (309-00-2)	U		0.2	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.2	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.2	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.2	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.2	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		0.2	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.2	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		5.1	"	"	"
Bis(2-Ethylhexyl)adipate (103-23-1)	U		1.0	"	"	"
Bromacil (NA)	U		0.3	"	"	"
Butachlor (NA)	U		0.2	"	"	"
Butyl benzyl phthalate (85-68-7)	U		1.0	"	"	"
Chlorothalonil (1897-5-6)	U		0.2	"	"	"
Chrysene (218-01-9)	U		0.2	"	"	"
4,4´-DDE (72-55-9)	U		0.2	"	"	"
Diazinon (333-41-5)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		0.2	"	"	"
Dieldrin (60-57-1)	U		0.2	"	"	"
Diethyl phthalate (84-66-2)	U		1.0	"	"	"
Dimethyl phthalate (131-11-3)	U		1.0	"	"	"
Di-n-butyl phthalate (84-74-2)	U		1.0	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		0.5	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		0.5	"	"	"
Endrin (72-20-8)	U		0.2	"	"	"
EPTC (NA)	U		0.2	"	"	"
Fluorene (86-73-7)	U		0.2	"	"	"

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Semivolatiles by EPA Method 525.2 - GC/MS

Lab ID: 1005003-01 **Station ID: DSL01**

Batch: B0E0602 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 985 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
gamma-BHC (Lindane) (58-89-9)	U		0.2	1	05/06/10	05/07/10
Heptachlor (76-44-8)	U		0.2	"	"	"
Heptachlor epoxide (1024-57-3)	U		0.2	"	"	"
Hexachlorobenzene (118-74-1)	U		0.2	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		0.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		0.2	"	"	"
Methoxychlor (72-43-5)	U		0.2	"	"	"
Metribuzin (21087-64-9)	U		0.3	"	"	"
Molinate (2212-67-1)	U		0.2	"	"	"
Metolachlor (51218-45-2)	U		0.2	"	"	"
Phenanthrene (85-01-8)	U		0.2	"	"	"
Prometryn (7287-19-6)	U		0.2	"	"	"
Propachlor (1918-16-7)	U		0.2	"	"	"
Pyrene (129-00-0)	U		0.2	"	"	"
Simazine (122-34-9)	U		0.2	"	"	"
Terbacil (NA)	U		0.3	"	"	"
Trifluralin (1582-09-8)	U		0.5	"	"	"

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Metals by EPA Method 200.7 - ICP

Lab ID: 1005003-01 **Station ID: DSL01**

Batch: B0E0702 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 50 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	U		100	1	05/07/10	05/18/10
Barium (7440-39-3)	**12.3**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**2,020**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	U		25.0	"	"	"
Magnesium (7439-95-4)	U		150	"	"	"
Manganese (7439-96-5)	**8.0**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	U		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**68,100**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

Metals by EPA Method 200.8 - ICP/MS

Lab ID: 1005003-01 **Station ID: DSL01**

Batch: B0E0703 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 50 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	05/07/10	05/20/10
Arsenic (7440-38-2)	U		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

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Metals by EPA Method 245.1 - CVAAS

Lab ID: 1005003-01 **Station ID: DSL01**

Batch: B0E1104 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	05/12/10	05/13/10

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Volatiles by EPA Method 524.2 - GC/MS

Lab ID: 1005003-02 **Station ID: DSL02**

Batch: B0E0706 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 4-Bromofluorobenzene	1.62		81.0	70-130	05/07/10	05/07/10
Surr: 1,2-Dichlorobenzene-d4	1.75		87.5	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	HTA	0.5	1	05/07/10	05/07/10
Chloromethane (74-87-3)	U	HTA	0.5	"	"	"
Vinyl chloride (75-01-4)	U	HTA	0.5	"	"	"
Bromomethane (74-83-9)	U	HTA	0.5	"	"	"
Chloroethane (75-00-3)	U	HTA	0.5	"	"	"
Trichlorofluoromethane (75-69-4)	U	HTA	0.5	"	"	"
1,1-Dichloroethene (75-35-4)	U	HTA	0.5	"	"	"
Methylene chloride (75-09-2)	U	HTA	0.5	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U	HTA	0.5	"	"	"
1,1-Dichloroethane (75-34-3)	U	HTA	0.5	"	"	"
2,2-Dichloropropane (594-20-7)	U	HTA	0.5	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U	HTA	0.5	"	"	"
Bromochloromethane (74-97-5)	U	HTA	0.5	"	"	"
Chloroform (67-66-3)	U		0.5	"	"	"
1,1,1-Trichloroethane (71-55-6)	U	HTA	0.5	"	"	"
Carbon tetrachloride (56-23-5)	U	HTA	0.5	"	"	"
1,1-Dichloropropene (563-58-6)	U	HTA	0.5	"	"	"
Benzene (71-43-2)	U	HTA	0.5	"	"	"
1,2-Dichloroethane (107-06-2)	U	HTA	0.5	"	"	"
Trichloroethene (79-01-6)	U	HTA	0.5	"	"	"
1,2-Dichloropropane (78-87-5)	U	HTA	0.5	"	"	"
Dibromomethane (74-95-3)	U	HTA	0.5	"	"	"
Bromodichloromethane (75-27-4)	U		0.5	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U	HTA	0.5	"	"	"
Toluene (108-88-3)	U	HTA	0.5	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U	HTA	0.5	"	"	"
1,1,2-Trichloroethane (79-00-5)	U	HTA	0.5	"	"	"
Tetrachloroethene (127-18-4)	U	HTA	0.5	"	"	"
1,3-Dichloropropane (142-28-9)	U	HTA	0.5	"	"	"
Dibromochloromethane (124-48-1)	U		0.5	"	"	"

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Volatiles by EPA Method 524.2 - GC/MS

Lab ID: 1005003-02 **Station ID: DSL02**

Batch: B0E0706 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,2-Dibromoethane (106-93-4)	U	HTA	0.5	1	05/07/10	05/07/10
Chlorobenzene (108-90-7)	U	HTA	0.5	"	"	"
1,1,1,2-Tetrachloroethane (630-20-6)	U	HTA	0.5	"	"	"
Ethylbenzene (100-41-4)	U	HTA	0.5	"	"	"
meta-/para-Xylene (na)	U	HTA	1.0	"	"	"
ortho-Xylene (95-47-6)	U	HTA	0.5	"	"	"
Total Xylene (NA)	U	HTA	0.5	"	"	"
Styrene (100-42-5)	U	HTA	0.5	"	"	"
Bromoform (75-25-2)	U		0.5	"	"	"
Isopropylbenzene (98-82-8)	U	HTA	0.5	"	"	"
Bromobenzene (108-86-1)	U	HTA	0.5	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U	HTA	0.5	"	"	"
1,2,3-Trichloropropane (96-18-4)	U	HTA	0.5	"	"	"
n-Propylbenzene (103-65-1)	U	HTA	0.5	"	"	"
2-Chlorotoluene (95-49-8)	U	HTA	0.5	"	"	"
4-Chlorotoluene (106-43-4)	U	HTA	0.5	"	"	"
1,3,5-Trimethylbenzene (108-67-8)	U	HTA	0.5	"	"	"
tert-Butylbenzene (98-06-6)	U	HTA	0.5	"	"	"
1,2,4-Trimethylbenzene (95-63-6)	U	HTA	0.5	"	"	"
sec-Butylbenzene (135-98-8)	U	HTA	0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U	HTA	0.5	"	"	"
p-Isopropyltoluene (99-87-6)	U	HTA	0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U	HTA	0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U	HTA	0.5	"	"	"
n-Butylbenzene (104-51-8)	U	HTA	0.5	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U	HTA	0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U	HTA	0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	HTA	0.5	"	"	"
Naphthalene (91-20-3)	U	HTA	0.5	"	"	"
1,2,3-Trichlorobenzene (87-61-6)	U	HTA	0.5	"	"	"

This sample was received at pH 4.
If biological activity is present, then aromatics may be biased low.

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Semivolatiles by EPA Method 525.2 - GC/MS

Lab ID: 1005003-02 **Station ID: DSL02**

Batch: B0E0602 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 1023 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,3-Dimethyl-2-nitrobenzene	4.94		101	70-130	05/06/10	05/07/10
Surr: Triphenyl phosphate	4.98		102	70-130	"	"
Surr: Perylene-d12	5.12		105	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthylene (208-96-8)	U		0.2	1	05/06/10	05/07/10
Alachlor (15972-60-8)	U		0.2	"	"	"
Aldrin (309-00-2)	U		0.2	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.2	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.2	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.2	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.2	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U	RL	0.4	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.2	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.9	"	"	"
Bis(2-Ethylhexyl)adipate (103-23-1)	U		1.0	"	"	"
Bromacil (NA)	U		0.3	"	"	"
Butachlor (NA)	U		0.2	"	"	"
Butyl benzyl phthalate (85-68-7)	U		1.0	"	"	"
Chlorothalonil (1897-5-6)	U		0.2	"	"	"
Chrysene (218-01-9)	U		0.2	"	"	"
4,4´-DDE (72-55-9)	U		0.2	"	"	"
Diazinon (333-41-5)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U	RL	0.4	"	"	"
Dieldrin (60-57-1)	U		0.2	"	"	"
Diethyl phthalate (84-66-2)	U		1.0	"	"	"
Dimethyl phthalate (131-11-3)	U		1.0	"	"	"
Di-n-butyl phthalate (84-74-2)	U		1.0	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		0.5	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		0.5	"	"	"
Endrin (72-20-8)	U		0.2	"	"	"
EPTC (NA)	U		0.2	"	"	"
Fluorene (86-73-7)	U		0.2	"	"	"

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Semivolatiles by EPA Method 525.2 - GC/MS

Lab ID: 1005003-02 **Station ID: DSL02**

Batch: B0E0602 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 1023 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
gamma-BHC (Lindane) (58-89-9)	U		0.2	1	05/06/10	05/07/10
Heptachlor (76-44-8)	U		0.2	"	"	"
Heptachlor epoxide (1024-57-3)	U		0.2	"	"	"
Hexachlorobenzene (118-74-1)	U		0.2	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		0.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U	RL	0.4	"	"	"
Methoxychlor (72-43-5)	U		0.2	"	"	"
Metribuzin (21087-64-9)	U		0.3	"	"	"
Molinate (2212-67-1)	U		0.2	"	"	"
Metolachlor (51218-45-2)	U		0.2	"	"	"
Phenanthrene (85-01-8)	U		0.2	"	"	"
Prometryn (7287-19-6)	U		0.2	"	"	"
Propachlor (1918-16-7)	U		0.2	"	"	"
Pyrene (129-00-0)	U		0.2	"	"	"
Simazine (122-34-9)	U		0.2	"	"	"
Terbacil (NA)	U		0.3	"	"	"
Trifluralin (1582-09-8)	U		0.5	"	"	"

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Metals by EPA Method 200.7 - ICP

Lab ID: 1005003-02 **Station ID: DSL02**

Batch: B0E0702 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 50 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	U		100	1	05/07/10	05/18/10
Barium (7440-39-3)	**12.7**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**1,970**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	U		25.0	"	"	"
Magnesium (7439-95-4)	U		150	"	"	"
Manganese (7439-96-5)	**10.3**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	U		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**66,400**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

Metals by EPA Method 200.8 - ICP/MS

Lab ID: 1005003-02 **Station ID: DSL02**

Batch: B0E0703 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 50 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	05/07/10	05/20/10
Arsenic (7440-38-2)	U		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

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Metals by EPA Method 245.1 - CVAAS

Lab ID: 1005003-02 **Station ID: DSL02**

Batch: B0E1104 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	05/12/10	05/13/10

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Volatiles by EPA Method 524.2 - GC/MS

Lab ID: 1005003-03 **Station ID: DSL03**

Batch: B0E0706 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 4-Bromofluorobenzene	1.67		83.5	70-130	05/07/10	05/07/10
Surr: 1,2-Dichlorobenzene-d4	1.72		86.0	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	HTA	0.5	1	05/07/10	05/07/10
Chloromethane (74-87-3)	U	HTA	0.5	"	"	"
Vinyl chloride (75-01-4)	U	HTA	0.5	"	"	"
Bromomethane (74-83-9)	U	HTA	0.5	"	"	"
Chloroethane (75-00-3)	U	HTA	0.5	"	"	"
Trichlorofluoromethane (75-69-4)	U	HTA	0.5	"	"	"
1,1-Dichloroethene (75-35-4)	U	HTA	0.5	"	"	"
Methylene chloride (75-09-2)	U	HTA	0.5	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U	HTA	0.5	"	"	"
1,1-Dichloroethane (75-34-3)	U	HTA	0.5	"	"	"
2,2-Dichloropropane (594-20-7)	U	HTA	0.5	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U	HTA	0.5	"	"	"
Bromochloromethane (74-97-5)	U	HTA	0.5	"	"	"
Chloroform (67-66-3)	U		0.5	"	"	"
1,1,1-Trichloroethane (71-55-6)	U	HTA	0.5	"	"	"
Carbon tetrachloride (56-23-5)	U	HTA	0.5	"	"	"
1,1-Dichloropropene (563-58-6)	U	HTA	0.5	"	"	"
Benzene (71-43-2)	U	HTA	0.5	"	"	"
1,2-Dichloroethane (107-06-2)	U	HTA	0.5	"	"	"
Trichloroethene (79-01-6)	U	HTA	0.5	"	"	"
1,2-Dichloropropane (78-87-5)	U	HTA	0.5	"	"	"
Dibromomethane (74-95-3)	U	HTA	0.5	"	"	"
Bromodichloromethane (75-27-4)	U		0.5	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U	HTA	0.5	"	"	"
Toluene (108-88-3)	U	HTA	0.5	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U	HTA	0.5	"	"	"
1,1,2-Trichloroethane (79-00-5)	U	HTA	0.5	"	"	"
Tetrachloroethene (127-18-4)	U	HTA	0.5	"	"	"
1,3-Dichloropropane (142-28-9)	U	HTA	0.5	"	"	"
Dibromochloromethane (124-48-1)	U		0.5	"	"	"

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Volatiles by EPA Method 524.2 - GC/MS

Lab ID: 1005003-03 **Station ID: DSL03**

Batch: B0E0706 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,2-Dibromoethane (106-93-4)	U	HTA	0.5	1	05/07/10	05/07/10
Chlorobenzene (108-90-7)	U	HTA	0.5	"	"	"
1,1,1,2-Tetrachloroethane (630-20-6)	U	HTA	0.5	"	"	"
Ethylbenzene (100-41-4)	U	HTA	0.5	"	"	"
meta-/para-Xylene (na)	U	HTA	1.0	"	"	"
ortho-Xylene (95-47-6)	U	HTA	0.5	"	"	"
Total Xylene (NA)	U	HTA	0.5	"	"	"
Styrene (100-42-5)	U	HTA	0.5	"	"	"
Bromoform (75-25-2)	U		0.5	"	"	"
Isopropylbenzene (98-82-8)	U	HTA	0.5	"	"	"
Bromobenzene (108-86-1)	U	HTA	0.5	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U	HTA	0.5	"	"	"
1,2,3-Trichloropropane (96-18-4)	U	HTA	0.5	"	"	"
n-Propylbenzene (103-65-1)	U	HTA	0.5	"	"	"
2-Chlorotoluene (95-49-8)	U	HTA	0.5	"	"	"
4-Chlorotoluene (106-43-4)	U	HTA	0.5	"	"	"
1,3,5-Trimethylbenzene (108-67-8)	U	HTA	0.5	"	"	"
tert-Butylbenzene (98-06-6)	U	HTA	0.5	"	"	"
1,2,4-Trimethylbenzene (95-63-6)	U	HTA	0.5	"	"	"
sec-Butylbenzene (135-98-8)	U	HTA	0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U	HTA	0.5	"	"	"
p-Isopropyltoluene (99-87-6)	U	HTA	0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U	HTA	0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U	HTA	0.5	"	"	"
n-Butylbenzene (104-51-8)	U	HTA	0.5	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U	HTA	0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U	HTA	0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	HTA	0.5	"	"	"
Naphthalene (91-20-3)	U	HTA	0.5	"	"	"
1,2,3-Trichlorobenzene (87-61-6)	U	HTA	0.5	"	"	"

This sample was received at pH 5.
If biological activity is present, then aromatics may be biased low.

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Semivolatiles by EPA Method 525.2 - GC/MS

Lab ID: 1005003-03 **Station ID: DSL03**

Batch: B0E0602 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 945 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,3-Dimethyl-2-nitrobenzene	5.35		101	70-130	05/06/10	05/07/10
Surr: Triphenyl phosphate	5.41		102	70-130	"	"
Surr: Perylene-d12	5.65		107	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthylene (208-96-8)	U		0.2	1	05/06/10	05/07/10
Alachlor (15972-60-8)	U		0.2	"	"	"
Aldrin (309-00-2)	U		0.2	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.2	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.2	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.2	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.2	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U	RL	0.4	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.2	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		5.3	"	"	"
Bis(2-Ethylhexyl)adipate (103-23-1)	U		1.1	"	"	"
Bromacil (NA)	U		0.3	"	"	"
Butachlor (NA)	U		0.2	"	"	"
Butyl benzyl phthalate (85-68-7)	U		1.1	"	"	"
Chlorothalonil (1897-5-6)	U		0.2	"	"	"
Chrysene (218-01-9)	U		0.2	"	"	"
4,4´-DDE (72-55-9)	U		0.2	"	"	"
Diazinon (333-41-5)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U	RL	0.4	"	"	"
Dieldrin (60-57-1)	U		0.2	"	"	"
Diethyl phthalate (84-66-2)	U		1.1	"	"	"
Dimethyl phthalate (131-11-3)	U		1.1	"	"	"
Di-n-butyl phthalate (84-74-2)	U		1.1	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		0.5	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		0.5	"	"	"
Endrin (72-20-8)	U		0.2	"	"	"
EPTC (NA)	U		0.2	"	"	"
Fluorene (86-73-7)	U		0.2	"	"	"

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Semivolatiles by EPA Method 525.2 - GC/MS

Lab ID: 1005003-03 **Station ID: DSL03**

Batch: B0E0602 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 945 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
gamma-BHC (Lindane) (58-89-9)	U		0.2	1	05/06/10	05/07/10
Heptachlor (76-44-8)	U		0.2	"	"	"
Heptachlor epoxide (1024-57-3)	U		0.2	"	"	"
Hexachlorobenzene (118-74-1)	U		0.2	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		0.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U	RL	0.4	"	"	"
Methoxychlor (72-43-5)	U		0.2	"	"	"
Metribuzin (21087-64-9)	U		0.3	"	"	"
Molinate (2212-67-1)	U		0.2	"	"	"
Metolachlor (51218-45-2)	U		0.2	"	"	"
Phenanthrene (85-01-8)	U		0.2	"	"	"
Prometryn (7287-19-6)	U		0.2	"	"	"
Propachlor (1918-16-7)	U		0.2	"	"	"
Pyrene (129-00-0)	U		0.2	"	"	"
Simazine (122-34-9)	U		0.2	"	"	"
Terbacil (NA)	U		0.3	"	"	"
Trifluralin (1582-09-8)	U		0.5	"	"	"

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Metals by EPA Method 200.7 - ICP

Lab ID: 1005003-03 **Station ID: DSL03**

Batch: B0E0702 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 50 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	U		100	1	05/07/10	05/18/10
Barium (7440-39-3)	**12.3**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**2,070**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	U		25.0	"	"	"
Magnesium (7439-95-4)	U		150	"	"	"
Manganese (7439-96-5)	**6.8**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	U		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**68,600**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

Metals by EPA Method 200.8 - ICP/MS

Lab ID: 1005003-03 **Station ID: DSL03**

Batch: B0E0703 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 50 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	05/07/10	05/20/10
Arsenic (7440-38-2)	U		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

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Metals by EPA Method 245.1 - CVAAS

Lab ID: 1005003-03 **Station ID: DSL03**

Batch: B0E1104 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	05/12/10	05/13/10

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Volatiles by EPA Method 524.2 - GC/MS

Lab ID: 1005003-04 **Station ID: DSL04**

Batch: B0E0706 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 4-Bromofluorobenzene	1.67		83.5	70-130	05/07/10	05/07/10
Surr: 1,2-Dichlorobenzene-d4	1.75		87.5	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U	HTA	0.5	1	05/07/10	05/07/10
Chloromethane (74-87-3)	U	HTA	0.5	"	"	"
Vinyl chloride (75-01-4)	U	HTA	0.5	"	"	"
Bromomethane (74-83-9)	U	HTA	0.5	"	"	"
Chloroethane (75-00-3)	U	HTA	0.5	"	"	"
Trichlorofluoromethane (75-69-4)	U	HTA	0.5	"	"	"
1,1-Dichloroethene (75-35-4)	U	HTA	0.5	"	"	"
Methylene chloride (75-09-2)	U	HTA	0.5	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U	HTA	0.5	"	"	"
1,1-Dichloroethane (75-34-3)	U	HTA	0.5	"	"	"
2,2-Dichloropropane (594-20-7)	U	HTA	0.5	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U	HTA	0.5	"	"	"
Bromochloromethane (74-97-5)	U	HTA	0.5	"	"	"
Chloroform (67-66-3)	U		0.5	"	"	"
1,1,1-Trichloroethane (71-55-6)	U	HTA	0.5	"	"	"
Carbon tetrachloride (56-23-5)	U	HTA	0.5	"	"	"
1,1-Dichloropropene (563-58-6)	U	HTA	0.5	"	"	"
Benzene (71-43-2)	U	HTA	0.5	"	"	"
1,2-Dichloroethane (107-06-2)	U	HTA	0.5	"	"	"
Trichloroethene (79-01-6)	U	HTA	0.5	"	"	"
1,2-Dichloropropane (78-87-5)	U	HTA	0.5	"	"	"
Dibromomethane (74-95-3)	U	HTA	0.5	"	"	"
Bromodichloromethane (75-27-4)	U		0.5	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U	HTA	0.5	"	"	"
Toluene (108-88-3)	U	HTA	0.5	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U	HTA	0.5	"	"	"
1,1,2-Trichloroethane (79-00-5)	U	HTA	0.5	"	"	"
Tetrachloroethene (127-18-4)	U	HTA	0.5	"	"	"
1,3-Dichloropropane (142-28-9)	U	HTA	0.5	"	"	"
Dibromochloromethane (124-48-1)	U		0.5	"	"	"

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Volatiles by EPA Method 524.2 - GC/MS

Lab ID: 1005003-04 **Station ID: DSL04**

Batch: B0E0706 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,2-Dibromoethane (106-93-4)	U	HTA	0.5	1	05/07/10	05/07/10
Chlorobenzene (108-90-7)	U	HTA	0.5	"	"	"
1,1,1,2-Tetrachloroethane (630-20-6)	U	HTA	0.5	"	"	"
Ethylbenzene (100-41-4)	U	HTA	0.5	"	"	"
meta-/para-Xylene (na)	U	HTA	1.0	"	"	"
ortho-Xylene (95-47-6)	U	HTA	0.5	"	"	"
Total Xylene (NA)	U	HTA	0.5	"	"	"
Styrene (100-42-5)	U	HTA	0.5	"	"	"
Bromoform (75-25-2)	U		0.5	"	"	"
Isopropylbenzene (98-82-8)	U	HTA	0.5	"	"	"
Bromobenzene (108-86-1)	U	HTA	0.5	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U	HTA	0.5	"	"	"
1,2,3-Trichloropropane (96-18-4)	U	HTA	0.5	"	"	"
n-Propylbenzene (103-65-1)	U	HTA	0.5	"	"	"
2-Chlorotoluene (95-49-8)	U	HTA	0.5	"	"	"
4-Chlorotoluene (106-43-4)	U	HTA	0.5	"	"	"
1,3,5-Trimethylbenzene (108-67-8)	U	HTA	0.5	"	"	"
tert-Butylbenzene (98-06-6)	U	HTA	0.5	"	"	"
1,2,4-Trimethylbenzene (95-63-6)	U	HTA	0.5	"	"	"
sec-Butylbenzene (135-98-8)	U	HTA	0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U	HTA	0.5	"	"	"
p-Isopropyltoluene (99-87-6)	U	HTA	0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U	HTA	0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U	HTA	0.5	"	"	"
n-Butylbenzene (104-51-8)	U	HTA	0.5	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U	HTA	0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U	HTA	0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	HTA	0.5	"	"	"
Naphthalene (91-20-3)	U	HTA	0.5	"	"	"
1,2,3-Trichlorobenzene (87-61-6)	U	HTA	0.5	"	"	"

This sample was received at pH 4.
If biological activity is present, then aromatics may be biased low.

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Semivolatiles by EPA Method 525.2 - GC/MS

Lab ID: 1005003-04 **Station ID: DSL04**

Batch: B0E0602 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 955 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,3-Dimethyl-2-nitrobenzene	5.21		99.6	70-130	05/06/10	05/07/10
Surr: Triphenyl phosphate	5.50		105	70-130	"	"
Surr: Perylene-d12	5.56		106	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthylene (208-96-8)	U		0.2	1	05/06/10	05/07/10
Alachlor (15972-60-8)	U		0.2	"	"	"
Aldrin (309-00-2)	U		0.2	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.2	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.2	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.2	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.2	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U	RL	0.4	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.2	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		5.2	"	"	"
Bis(2-Ethylhexyl)adipate (103-23-1)	U		1.0	"	"	"
Bromacil (NA)	U		0.3	"	"	"
Butachlor (NA)	U		0.2	"	"	"
Butyl benzyl phthalate (85-68-7)	U		1.0	"	"	"
Chlorothalonil (1897-5-6)	U		0.2	"	"	"
Chrysene (218-01-9)	U		0.2	"	"	"
4,4´-DDE (72-55-9)	U		0.2	"	"	"
Diazinon (333-41-5)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U	RL	0.4	"	"	"
Dieldrin (60-57-1)	U		0.2	"	"	"
Diethyl phthalate (84-66-2)	U		1.0	"	"	"
Dimethyl phthalate (131-11-3)	U		1.0	"	"	"
Di-n-butyl phthalate (84-74-2)	U		1.0	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		0.5	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		0.5	"	"	"
Endrin (72-20-8)	U		0.2	"	"	"
EPTC (NA)	U		0.2	"	"	"
Fluorene (86-73-7)	U		0.2	"	"	"

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Semivolatiles by EPA Method 525.2 - GC/MS

Lab ID: 1005003-04 **Station ID: DSL04**

Batch: B0E0602 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 955 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
gamma-BHC (Lindane) (58-89-9)	U		0.2	1	05/06/10	05/07/10
Heptachlor (76-44-8)	U		0.2	"	"	"
Heptachlor epoxide (1024-57-3)	U		0.2	"	"	"
Hexachlorobenzene (118-74-1)	U		0.2	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		0.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U	RL	0.4	"	"	"
Methoxychlor (72-43-5)	U		0.2	"	"	"
Metribuzin (21087-64-9)	U		0.3	"	"	"
Molinate (2212-67-1)	U		0.2	"	"	"
Metolachlor (51218-45-2)	U		0.2	"	"	"
Phenanthrene (85-01-8)	U		0.2	"	"	"
Prometryn (7287-19-6)	U		0.2	"	"	"
Propachlor (1918-16-7)	U		0.2	"	"	"
Pyrene (129-00-0)	U		0.2	"	"	"
Simazine (122-34-9)	U		0.2	"	"	"
Terbacil (NA)	U		0.3	"	"	"
Trifluralin (1582-09-8)	U		0.5	"	"	"

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Metals by EPA Method 200.7 - ICP

Lab ID: 1005003-04 **Station ID: DSL04**

Batch: B0E0702 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 50 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Aluminum (7429-90-5)	U		100	1	05/07/10	05/18/10
Barium (7440-39-3)	**13.4**		10.0	"	"	"
Beryllium (7440-41-7)	U		5.0	"	"	"
Cadmium (7440-43-9)	U		5.0	"	"	"
Calcium (7440-70-2)	**2,060**		150	"	"	"
Chromium (7440-47-3)	U		10.0	"	"	"
Cobalt (7440-48-4)	U		20.0	"	"	"
Copper (7440-50-8)	U		20.0	"	"	"
Iron (7439-89-6)	U		25.0	"	"	"
Magnesium (7439-95-4)	U		150	"	"	"
Manganese (7439-96-5)	**8.5**		5.0	"	"	"
Nickel (7440-02-2)	U		20.0	"	"	"
Potassium (7440-09-7)	U		1,000	"	"	"
Silver (7440-22-4)	U		10.0	"	"	"
Sodium (7440-23-5)	**69,300**		500	"	"	"
Vanadium (7440-62-2)	U		20.0	"	"	"
Zinc (7440-66-6)	U		20.0	"	"	"

Metals by EPA Method 200.8 - ICP/MS

Lab ID: 1005003-04 **Station ID: DSL04**

Batch: B0E0703 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 50 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Antimony (7440-36-0)	U		2.0	4	05/07/10	05/20/10
Arsenic (7440-38-2)	U		2.0	"	"	"
Lead (7439-92-1)	U		2.0	"	"	"
Selenium (7782-49-2)	U		2.0	"	"	"
Thallium (7440-28-0)	U		2.0	"	"	"

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Metals by EPA Method 245.1 - CVAAS

Lab ID: 1005003-04 **Station ID: DSL04**

Batch: B0E1104 Date Collected: 05/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Mercury (7439-97-6)	U		0.200	1	05/12/10	05/13/10

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Total Coliforms and *E. Coli* per 100 ml of sample

Analyzed: 05/06/10 09:05

Station ID	Laboratory ID	Coliform Result	*E. coli* Result
DSL01	1005003-01	Absence(-)	Absence(-)
DSL02	1005003-02	Absence(-)	Absence(-)
DSL03	1005003-03	Absence(-)	Absence(-)
DSL04	1005003-04	Absence(-)	Absence(-)

Station ID	Laboratory ID	Coliform Result	*E. coli* Result
Dilution H20	B0E1802-BLK1	Absence(-)	Absence(-)
E. coli	B0E1802-BLK2	Presence(+)	Presence(+)
E. aerogenes	B0E1802-BLK3	Presence(+)	Absence(-)
P. aeruginosa	B0E1802-BLK4	Absence(-)	Absence(-)

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Volatiles by EPA Method 524.2 - GC/MS - Quality Control

Batch: B0E0706 **Sample Type: Liquid**

Blank (B0E0706-BLK1)
Prepared: 5/7/2010 Analyzed: 5/7/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 4-Bromofluorobenzene	1.77		2.00	88.5	70-130
Surr: 1,2-Dichlorobenzene-d4	1.81		2.00	90.5	70-130

Blank (B0E0706-BLK1)
Prepared: 5/7/2010 Analyzed: 5/7/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Dichlorodifluoromethane	U		0.5
Chloromethane	U		0.5
Vinyl chloride	U		0.5
Bromomethane	U		0.5
Chloroethane	U		0.5
Trichlorofluoromethane	U		0.5
1,1-Dichloroethene	U		0.5
Methylene chloride	U		0.5
trans-1,2-Dichloroethene	U		0.5
1,1-Dichloroethane	U		0.5
2,2-Dichloropropane	U		0.5
cis-1,2-Dichloroethene	U		0.5
Bromochloromethane	U		0.5
Chloroform	U		0.5
1,1,1-Trichloroethane	U		0.5
Carbon tetrachloride	U		0.5
1,1-Dichloropropene	U		0.5
Benzene	U		0.5
1,2-Dichloroethane	U		0.5
Trichloroethene	U		0.5
1,2-Dichloropropane	U		0.5

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Volatiles by EPA Method 524.2 - GC/MS - Quality Control

Batch: B0E0706 **Sample Type: Liquid**

Blank (B0E0706-BLK1)
Prepared: 5/7/2010 Analyzed: 5/7/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Dibromomethane	U		0.5
Bromodichloromethane	U		0.5
cis-1,3-Dichloropropene	U		0.5
Toluene	U		0.5
trans-1,3-Dichloropropene	U		0.5
1,1,2-Trichloroethane	U		0.5
Tetrachloroethene	U		0.5
1,3-Dichloropropane	U		0.5
Dibromochloromethane	U		0.5
1,2-Dibromoethane	U		0.5
Chlorobenzene	U		0.5
1,1,1,2-Tetrachloroethane	U		0.5
Ethylbenzene	U		0.5
meta-/para-Xylene	U		1.0
ortho-Xylene	U		0.5
Total Xylene	U		0.5
Styrene	U		0.5
Bromoform	U		0.5
Isopropylbenzene	U		0.5
Bromobenzene	U		0.5
1,1,2,2-Tetrachloroethane	U		0.5
1,2,3-Trichloropropane	U		0.5
n-Propylbenzene	U		0.5
2-Chlorotoluene	U		0.5
4-Chlorotoluene	U		0.5
1,3,5-Trimethylbenzene	U		0.5
tert-Butylbenzene	U		0.5
1,2,4-Trimethylbenzene	U		0.5
sec-Butylbenzene	U		0.5
1,3-Dichlorobenzene	U		0.5

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Volatiles by EPA Method 524.2 - GC/MS - Quality Control

Batch: B0E0706 **Sample Type: Liquid**

Blank (B0E0706-BLK1)
Prepared: 5/7/2010 Analyzed: 5/7/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
p-Isopropyltoluene	U		0.5
1,4-Dichlorobenzene	U		0.5
1,2-Dichlorobenzene	U		0.5
n-Butylbenzene	U		0.5
1,2-Dibromo-3-chloropropane	U		0.5
1,2,4-Trichlorobenzene	U		0.5
Hexachlorobutadiene	U		0.5
Naphthalene	U		0.5
1,2,3-Trichlorobenzene	U		0.5

LCS (B0E0706-BS1)
Prepared: 5/7/2010 Analyzed: 5/7/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 4-Bromofluorobenzene	2.10		2.00	105	70-130
Surr: 1,2-Dichlorobenzene-d4	1.99		2.00	99.5	70-130

LCS (B0E0706-BS1)
Prepared: 5/7/2010 Analyzed: 5/7/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dichlorodifluoromethane	8.0		0.5	10.0	79.5	70-130
Chloromethane	8.2		0.5	10.0	82.4	70-130
Vinyl chloride	9.4		0.5	10.0	94.2	70-130
Bromomethane	7.3		0.5	10.0	73.3	70-130
Chloroethane	7.8		0.5	10.0	78.4	70-130

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Volatiles by EPA Method 524.2 - GC/MS - Quality Control

Batch: B0E0706 **Sample Type: Liquid**

LCS (B0E0706-BS1)

Prepared: 5/7/2010 Analyzed: 5/7/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Trichlorofluoromethane	9.2		0.5	10.0	92.0	70-130
1,1-Dichloroethene	9.4		0.5	10.0	93.7	70-130
Methylene chloride	8.6		0.5	10.0	85.9	70-130
trans-1,2-Dichloroethene	9.1		0.5	10.0	91.4	70-130
1,1-Dichloroethane	8.8		0.5	10.0	88.2	70-130
cis-1,2-Dichloroethene	8.8		0.5	10.0	87.5	70-130
Chloroform	8.9		0.5	10.0	89.3	70-130
1,1,1-Trichloroethane	8.9		0.5	10.0	88.7	70-130
Carbon tetrachloride	9.0		0.5	10.0	89.9	70-130
Benzene	9.1		0.5	10.0	90.7	70-130
1,2-Dichloroethane	8.9		0.5	10.0	88.9	70-130
Trichloroethene	9.2		0.5	10.0	91.8	70-130
1,2-Dichloropropane	9.4		0.5	10.0	94.2	70-130
Bromodichloromethane	9.1		0.5	10.0	91.2	70-130
cis-1,3-Dichloropropene	8.9		0.5	10.0	88.9	70-130
Toluene	9.2		0.5	10.0	91.7	70-130
trans-1,3-Dichloropropene	9.3		0.5	10.0	93.2	70-130
1,1,2-Trichloroethane	9.8		0.5	10.0	98.4	70-130
Tetrachloroethene	9.1		0.5	10.0	91.2	70-130
Dibromochloromethane	9.6		0.5	10.0	95.5	70-130
1,2-Dibromoethane	9.9		0.5	10.0	98.6	70-130
Chlorobenzene	9.2		0.5	10.0	92.5	70-130
Ethylbenzene	9.2		0.5	10.0	92.3	70-130
meta-/para-Xylene	18.2		1.0	20.0	91.0	70-130
ortho-Xylene	9.4		0.5	10.0	94.0	70-130
Styrene	9.0		0.5	10.0	90.1	70-130
Bromoform	9.9		0.5	10.0	99.1	70-130
Isopropylbenzene	9.7		0.5	10.0	97.0	70-130
1,1,2,2-Tetrachloroethane	9.6		0.5	10.0	95.5	70-130
1,3-Dichlorobenzene	8.8		0.5	10.0	88.4	70-130

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Volatiles by EPA Method 524.2 - GC/MS - Quality Control

Batch: B0E0706 **Sample Type: Liquid**

LCS (B0E0706-BS1)

Prepared: 5/7/2010 Analyzed: 5/7/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
1,4-Dichlorobenzene	8.9		0.5	10.0	88.6	70-130
1,2-Dichlorobenzene	8.4		0.5	10.0	83.8	70-130
1,2-Dibromo-3-chloropropane	7.6		0.5	10.0	75.7	70-130
1,2,4-Trichlorobenzene	5.8		0.5	10.0	58.4 #	70-130

Matrix Spike (B0E0706-MS1)

Source: 1005003-01 Prepared: 5/7/2010 Analyzed: 5/7/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 4-Bromofluorobenzene	2.11		2.00	106	70-130
Surr: 1,2-Dichlorobenzene-d4	2.04		2.00	102	70-130

Matrix Spike (B0E0706-MS1)

Source: 1005003-01 Prepared: 5/7/2010 Analyzed: 5/7/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Dichlorodifluoromethane	7.6		0.5	10.0		75.9	70-130
Chloromethane	7.9		0.5	10.0		78.6	70-130
Vinyl chloride	8.9		0.5	10.0		88.7	70-130
Bromomethane	6.9		0.5	10.0		69.3 #	70-130
Chloroethane	7.6		0.5	10.0		76.3	70-130
Trichlorofluoromethane	9.1		0.5	10.0		90.7	70-130
1,1-Dichloroethene	9.1		0.5	10.0		91.2	70-130
Methylene chloride	8.2		0.5	10.0		82.1	70-130
trans-1,2-Dichloroethene	9.2		0.5	10.0		92.0	70-130
1,1-Dichloroethane	8.9		0.5	10.0		89.1	70-130

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Volatiles by EPA Method 524.2 - GC/MS - Quality Control

Batch: B0E0706 **Sample Type: Liquid**

Matrix Spike (B0E0706-MS1)

Source: 1005003-01 Prepared: 5/7/2010 Analyzed: 5/7/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
cis-1,2-Dichloroethene	8.6		0.5	10.0		86.4	70-130
Chloroform	9.2		0.5	10.0		91.7	70-130
1,1,1-Trichloroethane	8.8		0.5	10.0		87.5	70-130
Carbon tetrachloride	9.0		0.5	10.0		89.5	70-130
Benzene	9.0		0.5	10.0		90.2	70-130
1,2-Dichloroethane	8.9		0.5	10.0		88.6	70-130
Trichloroethene	9.3		0.5	10.0		93.2	70-130
1,2-Dichloropropane	9.7		0.5	10.0		96.6	70-130
Bromodichloromethane	9.2		0.5	10.0		92.1	70-130
cis-1,3-Dichloropropene	8.8		0.5	10.0		87.5	70-130
Toluene	9.2		0.5	10.0		92.1	70-130
trans-1,3-Dichloropropene	9.0		0.5	10.0		90.1	70-130
1,1,2-Trichloroethane	9.8		0.5	10.0		97.7	70-130
Tetrachloroethene	9.2		0.5	10.0		92.2	70-130
Dibromochloromethane	9.6		0.5	10.0		96.3	70-130
1,2-Dibromoethane	9.9		0.5	10.0		98.9	70-130
Chlorobenzene	9.4		0.5	10.0		93.5	70-130
Ethylbenzene	9.3		0.5	10.0		93.3	70-130
meta-/para-Xylene	18.4		1.0	20.0		92.0	70-130
ortho-Xylene	9.4		0.5	10.0		94.2	70-130
Styrene	9.0		0.5	10.0		90.0	70-130
Bromoform	10.1		0.5	10.0		101	70-130
Isopropylbenzene	9.8		0.5	10.0		98.5	70-130
1,1,2,2-Tetrachloroethane	9.7		0.5	10.0		97.4	70-130
1,3-Dichlorobenzene	8.8		0.5	10.0		88.1	70-130
1,4-Dichlorobenzene	8.8		0.5	10.0		88.5	70-130
1,2-Dichlorobenzene	8.3		0.5	10.0		82.9	70-130
1,2-Dibromo-3-chloropropane	7.6		0.5	10.0		76.0	70-130
1,2,4-Trichlorobenzene	5.0		0.5	10.0		49.5 #	70-130

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Volatiles by EPA Method 524.2 - GC/MS - Quality Control

Batch: B0E0706 **Sample Type: Liquid**

Matrix Spike Dup (B0E0706-MSD1)

Source: 1005003-01 Prepared: 5/7/2010 Analyzed: 5/7/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 4-Bromofluorobenzene	2.13		2.00	106	70-130
Surr: 1,2-Dichlorobenzene-d4	2.01		2.00	100	70-130

Matrix Spike Dup (B0E0706-MSD1)

Source: 1005003-01 Prepared: 5/7/2010 Analyzed: 5/7/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	7.3		0.5	10.0		72.8	70-130	4.17	20
Chloromethane	8.1		0.5	10.0		80.9	70-130	2.88	20
Vinyl chloride	9.1		0.5	10.0		90.6	70-130	2.12	20
Bromomethane	7.2		0.5	10.0		71.6	70-130	3.26	20
Chloroethane	7.7		0.5	10.0		76.6	70-130	0.39	20
Trichlorofluoromethane	9.2		0.5	10.0		91.8	70-130	1.21	20
1,1-Dichloroethene	9.3		0.5	10.0		92.8	70-130	1.74	20
Methylene chloride	8.7		0.5	10.0		86.7	70-130	5.45	20
trans-1,2-Dichloroethene	9.3		0.5	10.0		93.3	70-130	1.40	20
1,1-Dichloroethane	8.7		0.5	10.0		87.2	70-130	2.16	20
cis-1,2-Dichloroethene	8.8		0.5	10.0		87.9	70-130	1.72	20
Chloroform	9.2		0.5	10.0		91.6	70-130	0.11	20
1,1,1-Trichloroethane	8.7		0.5	10.0		87.2	70-130	0.34	20
Carbon tetrachloride	8.8		0.5	10.0		88.3	70-130	1.35	20
Benzene	9.0		0.5	10.0		89.5	70-130	0.78	20
1,2-Dichloroethane	8.8		0.5	10.0		88.3	70-130	0.34	20
Trichloroethene	9.0		0.5	10.0		90.3	70-130	3.16	20
1,2-Dichloropropane	9.3		0.5	10.0		93.2	70-130	3.58	20
Bromodichloromethane	9.1		0.5	10.0		90.8	70-130	1.42	20
cis-1,3-Dichloropropene	8.7		0.5	10.0		87.0	70-130	0.57	20
Toluene	9.0		0.5	10.0		90.3	70-130	1.97	20

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Volatiles by EPA Method 524.2 - GC/MS - Quality Control

Batch: B0E0706 **Sample Type: Liquid**

Matrix Spike Dup (B0E0706-MSD1)

Source: 1005003-01 Prepared: 5/7/2010 Analyzed: 5/7/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	9.2		0.5	10.0		91.7	70-130	1.76	20
1,1,2-Trichloroethane	9.6		0.5	10.0		95.5	70-130	2.28	20
Tetrachloroethene	9.1		0.5	10.0		91.4	70-130	0.87	20
Dibromochloromethane	9.8		0.5	10.0		98.2	70-130	1.95	20
1,2-Dibromoethane	9.9		0.5	10.0		99.0	70-130	0.10	20
Chlorobenzene	9.2		0.5	10.0		92.4	70-130	1.18	20
Ethylbenzene	9.3		0.5	10.0		93.0	70-130	0.32	20
meta-/para-Xylene	18.2		1.0	20.0		91.0	70-130	0.98	20
ortho-Xylene	9.5		0.5	10.0		95.3	70-130	1.16	20
Styrene	9.1		0.5	10.0		91.1	70-130	1.21	20
Bromoform	10.2		0.5	10.0		102	70-130	0.39	20
Isopropylbenzene	9.8		0.5	10.0		98.0	70-130	0.51	20
1,1,2,2-Tetrachloroethane	9.6		0.5	10.0		96.2	70-130	1.24	20
1,3-Dichlorobenzene	8.8		0.5	10.0		88.5	70-130	0.45	20
1,4-Dichlorobenzene	9.1		0.5	10.0		91.2	70-130	3.01	20
1,2-Dichlorobenzene	8.5		0.5	10.0		84.8	70-130	2.27	20
1,2-Dibromo-3-chloropropane	7.6		0.5	10.0		75.5	70-130	0.66	20
1,2,4-Trichlorobenzene	6.0		0.5	10.0		60.4 #	70-130	19.8	20

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Semivolatiles by EPA Method 525.2 - GC/MS - Quality Control

Batch: B0E0602 **Sample Type: Liquid**

Blank (B0E0602-BLK1)
Prepared: 5/6/2010 Analyzed: 5/7/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,3-Dimethyl-2-nitrobenzene	4.94		5.00	98.8	70-130
Surr: Triphenyl phosphate	5.01		5.00	100	70-130
Surr: Perylene-d12	5.32		5.00	106	70-130

Blank (B0E0602-BLK1)
Prepared: 5/6/2010 Analyzed: 5/7/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Acenaphthylene	U		0.2
Alachlor	U		0.2
Aldrin	U		0.2
Anthracene	U		0.5
Atrazine	U		0.2
Benzo (a) anthracene	U		0.2
Benzo (a) pyrene	U		0.2
Benzo (b) fluoranthene	U		0.2
Benzo (g,h,i) perylene	U		0.2
Benzo (k) fluoranthene	U		0.2
Bis(2-ethylhexyl)phthalate	U		5.0
Bis(2-Ethylhexyl)adipate	U		1.0
Bromacil	U		0.3
Butachlor	U		0.2
Butyl benzyl phthalate	U		1.0
Chlorothalonil	U		0.2
Chrysene	U		0.2
4,4´-DDE	U		0.2
Diazinon	U		0.5
Dibenz (a,h) anthracene	U		0.2

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Semivolatiles by EPA Method 525.2 - GC/MS - Quality Control

Batch: B0E0602 **Sample Type: Liquid**

Blank (B0E0602-BLK1)

Prepared: 5/6/2010 Analyzed: 5/7/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Dieldrin	U		0.2
Diethyl phthalate	U		1.0
Dimethyl phthalate	U		1.0
Di-n-butyl phthalate	U		1.0
2,4-Dinitrotoluene	U		0.5
2,6-Dinitrotoluene	U		0.5
Endrin	U		0.2
EPTC	U		0.2
Fluorene	U		0.2
gamma-BHC (Lindane)	U		0.2
Heptachlor	U		0.2
Heptachlor epoxide	U		0.2
Hexachlorobenzene	U		0.2
Hexachlorocyclopentadiene	U		0.2
Indeno (1,2,3-cd) pyrene	U		0.2
Methoxychlor	U		0.2
Metribuzin	U		0.3
Molinate	U		0.2
Metolachlor	U		0.2
Phenanthrene	U		0.2
Prometryn	U		0.2
Propachlor	U		0.2
Pyrene	U		0.2
Simazine	U		0.2
Terbacil	U		0.3
Trifluralin	U		0.5

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Semivolatiles by EPA Method 525.2 - GC/MS - Quality Control

Batch: B0E0602 **Sample Type: Liquid**

LCS (B0E0602-BS1)

Prepared: 5/6/2010 Analyzed: 5/7/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,3-Dimethyl-2-nitrobenzene	4.95		5.00	99.0	70-130
Surr: Triphenyl phosphate	5.83		5.00	117	70-130
Surr: Perylene-d12	5.17		5.00	103	70-130

LCS (B0E0602-BS1)

Prepared: 5/6/2010 Analyzed: 5/7/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthylene	1.7		0.2	2.00	84.0	70-130
Alachlor	3.9		0.2	4.00	97.0	70-130
Aldrin	1.7		0.2	2.00	85.5	70-130
Anthracene	1.8		0.5	2.00	91.0	70-130
Atrazine	4.0		0.2	4.00	99.5	70-130
Benzo (a) anthracene	1.9		0.2	2.00	97.0	70-130
Benzo (a) pyrene	1.5		0.2	2.00	76.0	70-130
Benzo (b) fluoranthene	1.6		0.2	2.00	80.5	70-130
Benzo (g,h,i) perylene	0.8		0.2	2.00	42.0 #	70-130
Benzo (k) fluoranthene	1.7		0.2	2.00	84.5	70-130
Bis(2-ethylhexyl)phthalate	1.0		5.0	2.00	52.0 #	70-130
Bis(2-Ethylhexyl)adipate	1.1		1.0	2.00	55.0 #	70-130
Bromacil	1.8		0.3	2.00	91.5	70-130
Butachlor	1.9		0.2	2.00	94.5	70-130
Butyl benzyl phthalate	2.1		1.0	2.00	105	70-130
Chlorothalonil	1.8		0.2	2.00	90.0	70-130
Chrysene	2.0		0.2	2.00	97.5	70-130
4,4´-DDE	1.4		0.2	2.00	72.0	70-130
Diazinon	2.0		0.5	2.00	100	70-130
Dibenz (a,h) anthracene	0.9		0.2	2.00	47.0 #	70-130

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Semivolatiles by EPA Method 525.2 - GC/MS - Quality Control

Batch: B0E0602 **Sample Type: Liquid**

LCS (B0E0602-BS1)

Prepared: 5/6/2010 Analyzed: 5/7/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dieldrin	2.0		0.2	2.00	98.0	70-130
Diethyl phthalate	2.0		1.0	2.00	98.0	70-130
Dimethyl phthalate	1.9		1.0	2.00	95.0	70-130
Di-n-butyl phthalate	2.1		1.0	2.00	104	70-130
2,4-Dinitrotoluene	1.2		0.5	2.00	60.5 #	70-130
2,6-Dinitrotoluene	1.3		0.5	2.00	64.5 #	70-130
Endrin	2.1		0.2	2.00	103	70-130
EPTC	1.9		0.2	2.00	93.5	70-130
Fluorene	1.9		0.2	2.00	94.0	70-130
gamma-BHC (Lindane)	2.0		0.2	2.00	100	70-130
Heptachlor	1.7		0.2	2.00	85.5	70-130
Heptachlor epoxide	1.9		0.2	2.00	96.0	70-130
Hexachlorobenzene	1.8		0.2	2.00	88.0	70-130
Hexachlorocyclopentadiene	1.6		0.2	2.00	77.5	70-130
Indeno (1,2,3-cd) pyrene	0.9		0.2	2.00	46.5 #	70-130
Methoxychlor	2.0		0.2	2.00	98.5	70-130
Metribuzin	1.6		0.3	2.00	81.5	70-130
Molinate	1.9		0.2	2.00	94.5	70-130
Metolachlor	1.9		0.2	2.00	94.5	70-130
Phenanthrene	1.9		0.2	2.00	96.0	70-130
Prometryn	1.8		0.2	2.00	91.5	70-130
Propachlor	1.9		0.2	2.00	96.0	70-130
Pyrene	1.9		0.2	2.00	96.0	70-130
Simazine	1.9		0.2	2.00	96.5	70-130
Terbacil	1.8		0.3	2.00	90.0	70-130
Trifluralin	1.7		0.5	2.00	83.5	70-130

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Semivolatiles by EPA Method 525.2 - GC/MS - Quality Control

Batch: B0E0602 **Sample Type: Liquid**

Matrix Spike (B0E0602-MS1)

Source: 1005003-01 Prepared: 5/6/2010 Analyzed: 5/7/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,3-Dimethyl-2-nitrobenzene	5.17		5.24	98.8	70-130
Surr: Triphenyl phosphate	5.47		5.24	104	70-130
Surr: Perylene-d12	5.65		5.24	108	70-130

Matrix Spike (B0E0602-MS1)

Source: 1005003-01 Prepared: 5/6/2010 Analyzed: 5/7/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthylene	1.9		0.2	2.09		89.5	70-130
Alachlor	4.0		0.2	4.19		96.5	70-130
Aldrin	1.8		0.2	2.09		88.0	70-130
Anthracene	1.9		0.5	2.09		93.0	70-130
Atrazine	4.3		0.2	4.19		102	70-130
Benzo (a) anthracene	2.0		0.2	2.09		95.0	70-130
Benzo (a) pyrene	1.9		0.2	2.09		92.5	70-130
Benzo (b) fluoranthene	2.0		0.2	2.09		95.5	70-130
Benzo (g,h,i) perylene	1.9		0.2	2.09		90.0	70-130
Benzo (k) fluoranthene	2.0		0.2	2.09		94.5	70-130
Bis(2-ethylhexyl)phthalate	1.8		5.2	2.09	0.5	62.7 #	70-130
Bis(2-Ethylhexyl)adipate	1.8		1.0	2.09	0.2	78.3	70-130
Bromacil	2.0		0.3	2.09		97.0	70-130
Butachlor	2.0		0.2	2.09		97.5	70-130
Butyl benzyl phthalate	2.0		1.0	2.09	0.2	88.7	70-130
Chlorothalonil	2.0		0.2	2.09		93.5	70-130
Chrysene	2.0		0.2	2.09		95.5	70-130
4,4´-DDE	1.8		0.2	2.09		87.5	70-130
Diazinon	2.0		0.5	2.09		95.0	70-130
Dibenz (a,h) anthracene	2.0		0.2	2.09		93.5	70-130

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Semivolatiles by EPA Method 525.2 - GC/MS - Quality Control

Batch: B0E0602 **Sample Type: Liquid**

Matrix Spike (B0E0602-MS1)

Source: 1005003-01 Prepared: 5/6/2010 Analyzed: 5/7/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Dieldrin	2.1		0.2	2.09		100	70-130
Diethyl phthalate	2.1		1.0	2.09		100	70-130
Dimethyl phthalate	2.0		1.0	2.09		97.0	70-130
Di-n-butyl phthalate	2.1		1.0	2.09	0.2	90.4	70-130
2,4-Dinitrotoluene	1.5		0.5	2.09		74.0	70-130
2,6-Dinitrotoluene	1.6		0.5	2.09		75.5	70-130
Endrin	2.1		0.2	2.09		98.0	70-130
EPTC	1.9		0.2	2.09		92.0	70-130
Fluorene	2.0		0.2	2.09		94.5	70-130
gamma-BHC (Lindane)	2.0		0.2	2.09		96.5	70-130
Heptachlor	1.9		0.2	2.09		89.5	70-130
Heptachlor epoxide	2.1		0.2	2.09		99.0	70-130
Hexachlorobenzene	1.9		0.2	2.09		92.5	70-130
Hexachlorocyclopentadiene	1.8		0.2	2.09		86.5	70-130
Indeno (1,2,3-cd) pyrene	1.9		0.2	2.09		92.0	70-130
Methoxychlor	2.0		0.2	2.09		95.5	70-130
Metribuzin	1.9		0.3	2.09		89.0	70-130
Molinate	2.0		0.2	2.09		94.0	70-130
Metolachlor	2.0		0.2	2.09	0.2	87.7	70-130
Phenanthrene	2.0		0.2	2.09		95.0	70-130
Prometryn	2.0		0.2	2.09		93.5	70-130
Propachlor	2.0		0.2	2.09		97.0	70-130
Pyrene	2.1		0.2	2.09		99.5	70-130
Simazine	2.1		0.2	2.09		100	70-130
Terbacil	2.0		0.3	2.09		94.5	70-130
Trifluralin	1.9		0.5	2.09		90.5	70-130

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Semivolatiles by EPA Method 525.2 - GC/MS - Quality Control

Batch: B0E0602 **Sample Type: Liquid**

Matrix Spike Dup (B0E0602-MSD1)

Source: 1005003-01 Prepared: 5/6/2010 Analyzed: 5/7/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,3-Dimethyl-2-nitrobenzene	5.13		5.13	100	70-130
Surr: Triphenyl phosphate	5.93		5.13	116	70-130
Surr: Perylene-d12	5.27		5.13	103	70-130

Matrix Spike Dup (B0E0602-MSD1)

Source: 1005003-01 Prepared: 5/6/2010 Analyzed: 5/7/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthylene	1.8		0.2	2.05		89.5	70-130	0.00	30
Alachlor	4.1		0.2	4.10		99.8	70-130	3.31	30
Aldrin	1.8		0.2	2.05		85.5	70-130	2.88	30
Anthracene	1.9		0.5	2.05		93.0	70-130	0.00	30
Atrazine	4.3		0.2	4.10		104	70-130	2.19	30
Benzo (a) anthracene	2.0		0.2	2.05		99.0	70-130	4.12	30
Benzo (a) pyrene	1.8		0.2	2.05		88.0	70-130	4.99	30
Benzo (b) fluoranthene	1.9		0.2	2.05		94.5	70-130	1.05	30
Benzo (g,h,i) perylene	1.7		0.2	2.05		83.0	70-130	8.09	30
Benzo (k) fluoranthene	1.9		0.2	2.05		92.0	70-130	2.68	30
Bis(2-ethylhexyl)phthalate	2.3		5.1	2.05	0.5	86.7	70-130	32.1 #	30
Bis(2-Ethylhexyl)adipate	1.6		1.0	2.05	0.2	71.6	70-130	8.91	30
Bromacil	2.0		0.3	2.05		98.0	70-130	1.03	30
Butachlor	2.0		0.2	2.05		96.5	70-130	1.03	30
Butyl benzyl phthalate	2.2		1.0	2.05	0.2	99.6	70-130	11.5	30
Chlorothalonil	2.0		0.2	2.05		96.5	70-130	3.16	30
Chrysene	2.0		0.2	2.05		99.5	70-130	4.10	30
4,4´-DDE	1.7		0.2	2.05		82.0	70-130	6.49	30
Diazinon	1.9		0.5	2.05		91.5	70-130	3.75	30
Dibenz (a,h) anthracene	1.7		0.2	2.05		83.5	70-130	11.3	30

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Semivolatiles by EPA Method 525.2 - GC/MS - Quality Control

Batch: B0E0602 **Sample Type: Liquid**

Matrix Spike Dup (B0E0602-MSD1)

Source: 1005003-01 Prepared: 5/6/2010 Analyzed: 5/7/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dieldrin	2.0		0.2	2.05		99.5	70-130	0.50	30
Diethyl phthalate	2.1		1.0	2.05		100	70-130	0.00	30
Dimethyl phthalate	2.0		1.0	2.05		96.5	70-130	0.52	30
Di-n-butyl phthalate	2.1		1.0	2.05	0.2	91.1	70-130	0.84	30
2,4-Dinitrotoluene	1.5		0.5	2.05		73.5	70-130	0.68	30
2,6-Dinitrotoluene	1.5		0.5	2.05		72.5	70-130	4.05	30
Endrin	2.0		0.2	2.05		99.5	70-130	1.52	30
EPTC	1.9		0.2	2.05		94.5	70-130	2.68	30
Fluorene	2.0		0.2	2.05		96.0	70-130	1.57	30
gamma-BHC (Lindane)	2.0		0.2	2.05		97.5	70-130	1.03	30
Heptachlor	1.8		0.2	2.05		88.5	70-130	1.12	30
Heptachlor epoxide	2.0		0.2	2.05		96.5	70-130	2.56	30
Hexachlorobenzene	1.9		0.2	2.05		91.0	70-130	1.63	30
Hexachlorocyclopentadiene	1.8		0.2	2.05		87.5	70-130	1.15	30
Indeno (1,2,3-cd) pyrene	1.8		0.2	2.05		85.5	70-130	7.32	30
Methoxychlor	2.1		0.2	2.05		103	70-130	7.56	30
Metribuzin	1.8		0.3	2.05		88.5	70-130	0.56	30
Molinate	1.9		0.2	2.05		94.5	70-130	0.53	30
Metolachlor	2.0		0.2	2.05	0.2	89.6	70-130	2.07	30
Phenanthrene	2.0		0.2	2.05		96.5	70-130	1.57	30
Prometryn	1.9		0.2	2.05		93.5	70-130	0.00	30
Propachlor	2.0		0.2	2.05		96.5	70-130	0.52	30
Pyrene	2.0		0.2	2.05		99.0	70-130	0.50	30
Simazine	2.0		0.2	2.05		95.5	70-130	4.60	30
Terbacil	2.0		0.3	2.05		96.0	70-130	1.57	30
Trifluralin	1.8		0.5	2.05		88.0	70-130	2.80	30

Environmental Protection Agency
Region 6 Laboratory
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Phone:(281)983-2100 Fax:(281)983-2248

Metals by EPA Method 200.7 - ICP - Quality Control

Batch: B0E0702 **Sample Type: Liquid**

Blank (B0E0702-BLK1)

Prepared: 5/7/2010 Analyzed: 5/18/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Aluminum	U		100
Barium	U		10.0
Beryllium	U		5.0
Cadmium	U		5.0
Calcium	U		150
Chromium	U		10.0
Cobalt	U		20.0
Copper	U		20.0
Iron	U		25.0
Magnesium	U		150
Manganese	U		5.0
Nickel	U		20.0
Potassium	U		1,000
Silver	U		10.0
Sodium	U		500
Vanadium	U		20.0
Zinc	U		20.0

LCS (B0E0702-BS1)

Prepared: 5/7/2010 Analyzed: 5/18/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Aluminum	952		100	1,000	95.2	75-125
Barium	1,830		10.0	2,000	91.7	75-125
Beryllium	47.3		5.0	50.0	94.7	75-125
Cadmium	43.2		5.0	50.0	86.4	75-125
Calcium	93,900		150	100,000	93.9	75-125
Chromium	379		10.0	400	94.8	75-125

Environmental Protection Agency
Region 6 Laboratory
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Metals by EPA Method 200.7 - ICP - Quality Control

Batch: B0E0702 **Sample Type: Liquid**

LCS (B0E0702-BS1)

Prepared: 5/7/2010 Analyzed: 5/18/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Cobalt	177		20.0	200	88.3	75-125
Copper	402		20.0	400	101	75-125
Iron	949		25.0	1,000	94.9	75-125
Magnesium	98,400		150	100,000	98.4	75-125
Manganese	378		5.0	400	94.5	75-125
Nickel	362		20.0	400	90.6	75-125
Potassium	99,900		1,000	100,000	99.9	75-125
Silver	48.0		10.0	50.0	96.1	75-125
Sodium	97,800		500	100,000	97.8	75-125
Vanadium	381		20.0	400	95.3	75-125
Zinc	929		20.0	1,000	92.9	75-125

Matrix Spike (B0E0702-MS1)

Source: 1005003-03 Prepared: 5/7/2010 Analyzed: 5/18/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Aluminum	982		100	1,000		98.2	75-125
Barium	1,890		10.0	2,000	12.3	93.9	75-125
Beryllium	48.7		5.0	50.0		97.4	75-125
Cadmium	44.4		5.0	50.0		88.7	75-125
Calcium	98,000		150	100,000	2,070	96.0	75-125
Chromium	393		10.0	400		98.3	75-125
Cobalt	181		20.0	200		90.5	75-125
Copper	420		20.0	400		105	75-125
Iron	981		25.0	1,000		98.1	75-125
Magnesium	101,000		150	100,000		101	75-125
Manganese	394		5.0	400	6.8	96.8	75-125
Nickel	372		20.0	400		92.9	75-125

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Metals by EPA Method 200.7 - ICP - Quality Control

Batch: B0E0702 **Sample Type: Liquid**

Matrix Spike (B0E0702-MS1)

Source: 1005003-03 Prepared: 5/7/2010 Analyzed: 5/18/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Potassium	102,000		1,000	100,000		102	75-125
Silver	50.1		10.0	50.0		100	75-125
Sodium	169,000		500	100,000	68,600	100	75-125
Vanadium	392		20.0	400		97.9	75-125
Zinc	951		20.0	1,000		95.1	75-125

Matrix Spike Dup (B0E0702-MSD1)

Source: 1005003-03 Prepared: 5/7/2010 Analyzed: 5/18/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Aluminum	982		100	1,000		98.2	75-125	0.00	20
Barium	1,880		10.0	2,000	12.3	93.2	75-125	0.67	20
Beryllium	48.3		5.0	50.0		96.6	75-125	0.89	20
Cadmium	44.1		5.0	50.0		88.2	75-125	0.57	20
Calcium	97,700		150	100,000	2,070	95.6	75-125	0.34	20
Chromium	390		10.0	400		97.6	75-125	0.76	20
Cobalt	180		20.0	200		90.0	75-125	0.64	20
Copper	415		20.0	400		104	75-125	1.09	20
Iron	971		25.0	1,000		97.1	75-125	1.08	20
Magnesium	101,000		150	100,000		101	75-125	0.40	20
Manganese	390		5.0	400	6.8	95.9	75-125	0.99	20
Nickel	368		20.0	400		92.0	75-125	1.00	20
Potassium	102,000		1,000	100,000		102	75-125	0.01	20
Silver	49.7		10.0	50.0		99.4	75-125	0.79	20
Sodium	168,000		500	100,000	68,600	99.8	75-125	0.39	20
Vanadium	387		20.0	400		96.7	75-125	1.24	20
Zinc	942		20.0	1,000		94.2	75-125	0.98	20

Environmental Protection Agency
Region 6 Laboratory
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Metals by EPA Method 200.8 - ICP/MS - Quality Control

Batch: B0E0703 **Sample Type: Liquid**

Blank (B0E0703-BLK1)
Prepared: 5/7/2010 Analyzed: 5/20/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Antimony	U		2.0
Arsenic	U		2.0
Lead	U		2.0
Selenium	U		2.0
Thallium	U		2.0

LCS (B0E0703-BS1)
Prepared: 5/7/2010 Analyzed: 5/20/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Antimony	421		2.0	400	105	85-115
Arsenic	2,100		2.0	2,000	105	85-115
Lead	416		2.0	400	104	85-115
Selenium	995		2.0	1,000	99.5	85-115
Thallium	397		2.0	400	99.3	85-115

Matrix Spike (B0E0703-MS1)
Source: 1005003-03 Prepared: 5/7/2010 Analyzed: 5/20/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Antimony	433		2.0	400		108	70-130
Arsenic	2,160		2.0	2,000	0.5	108	70-130
Lead	426		2.0	400	0.4	106	70-130
Selenium	1,010		2.0	1,000		101	70-130
Thallium	405		2.0	400	0.4	101	70-130

Environmental Protection Agency
Region 6 Laboratory
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Metals by EPA Method 200.8 - ICP/MS - Quality Control

Batch: B0E0703 **Sample Type: Liquid**

Matrix Spike Dup (B0E0703-MSD1)

Source: 1005003-03 Prepared: 5/7/2010 Analyzed: 5/20/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Antimony	432		2.0	400		108	70-130	0.19	20
Arsenic	2,200		2.0	2,000	0.5	110	70-130	2.11	20
Lead	428		2.0	400	0.4	107	70-130	0.55	20
Selenium	1,020		2.0	1,000		102	70-130	0.64	20
Thallium	406		2.0	400	0.4	101	70-130	0.12	20

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Metals by EPA Method 245.1 - CVAAS - Quality Control

Batch: B0E1104 **Sample Type: Liquid**

Blank (B0E1104-BLK1)
Prepared: 5/12/2010 Analyzed: 5/13/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Mercury	U		0.200

Blank (B0E1104-BLK2)
Prepared: 5/12/2010 Analyzed: 5/13/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Mercury	U		0.200

Blank (B0E1104-BLK3)
Prepared: 5/12/2010 Analyzed: 5/13/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Mercury	U		0.200

LCS (B0E1104-BS1)
Prepared: 5/12/2010 Analyzed: 5/13/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Mercury	1.07		0.200	1.00	107	75-125

Environmental Protection Agency
Region 6 Laboratory
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Phone:(281)983-2100 Fax:(281)983-2248

Metals by EPA Method 245.1 - CVAAS - Quality Control

Batch: B0E1104 **Sample Type: Liquid**

Calibration Check (B0E1104-CCV1)
Prepared: 5/12/2010 Analyzed: 5/13/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	1.03			1.00		103	0-200

Calibration Check (B0E1104-CCV2)
Prepared: 5/12/2010 Analyzed: 5/13/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	0.993			1.00		99.3	0-200

Matrix Spike (B0E1104-MS1)
Source: 1005003-01 Prepared: 5/12/2010 Analyzed: 5/13/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Mercury	1.05		0.200	1.00	0.138	91.2	70-130

Matrix Spike Dup (B0E1104-MSD1)
Source: 1005003-01 Prepared: 5/12/2010 Analyzed: 5/13/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Mercury	1.05		0.200	1.00	0.138	91.2	70-130	0.00	20

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

EPA USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case:
Client No: R

Region:	6	Date Shipped:	5/5/2010	Chain of Custody Record	Sampler Signature:
Project Code:		Carrier Name:	Hand Delivered	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	Cooler 01	1 TA Walker 05/06/10 0716	Chris Glauner 5/6/10 7:16
CERCLIS ID:	LAD981155872	Shipped to:	USEPA Region 6 Laboratory 10625 Fallstone Road Houston TX 77099 (281) 983-2137	2	
Spill ID:				3	
Site Name/State:	Devil's Swamp Lake/LA			4	
Project Leader:	Steve Mason				
Action:					
Sampling Co:	Weston Solutions, Inc.				

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	QC Type
DSL01-20100505-31	Municipal Water Supply/ Thomas Walzer	L/G	COLI (21), Metals (21), Pest (21), RCI (21), VOCs (21)	6-320791 (Others), 6-320792 (HNO3), 6-320793 (Dechlorinate/Sodium Sulfite), 6-320794 (Dechlorinate/Sodium Sulfite), 6-320795 (Dechlorinate/Sodium Sulfite), 6-320796 (Dechlorinate/Sodium Sulfite), 6-320797 (Ice Only), 6-320798 (Dechlorinate/Ascorbic Acid), 6-320799 (Dechlorinate/Ascorbic Acid), 6-320800 (Dechlorinate/Ascorbic Acid), 6-320801 (Dechlorinate/Ascorbic Acid), 6-320802 (Dechlorinate/Ascorbic Acid), 6-320803 (Dechlorinate/Ascorbic Acid) (13)	DSL01-20100505-31	S: 5/5/2010 9:50	--

Temp = 1°C

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: DSL01-20100505-31	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? Y
COLI = Coliforms, Metals = Metals, Pest = Pesticides, RCI = Residual Chlorine, VOCs = VOCs			

TR Number: 6-521314700-050510-0001

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

F2V5.1.047 Page 1 of 2

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

EPA USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case: R
Client No:

Region:	6	Date Shipped:	5/5/2010	Chain of Custody Record	Sampler Signature:
Project Code:		Carrier Name:	Hand Delivered	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	Cooler 01	T.A.Walzer 05/06/10 0716	Christy Warren 5/6/10 7:16
CERCLIS ID:	LAD981155872	Shipped to:	USEPA Region 6 Laboratory 10625 Fallstone Road Houston TX 77099 (281) 983-2137	2	
Spill ID:				3	
Site Name/State:	Devil's Swamp Lake/LA			4	
Project Leader:	Steve Mason				
Action:					
Sampling Co:	Weston Solutions, Inc.				

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	QC Type
DSL02-20100505-31	Municipal Water Supply/ Thomas Walzer	L/G	COLI (21), Metals (21), Pest (21), RCI (21), VOCs (21)	6-369728 (Others), 6-369730 (HNO3), 6-369731 (Dechlorinate/Sodium Sulfite), 6-369732 (Dechlorinate/Sodium Sulfite), 6-369733 (Ice Only), 6-369734 (Dechlorinate/Ascorbic Acid), 6-369735 (Dechlorinate/Ascorbic Acid), 6-369736 (Dechlorinate/Ascorbic Acid) (8)	DSL02-20100505-31	S: 5/5/2010 9:02	--

Temp = 1°C

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: DSL01-20100505-31	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? Y
COLI = Coliforms, Metals = Metals, Pest = Pesticides, RCI = Residual Chlorine, VOCs = VOCs			

TR Number: 6-521314700-050510-0001

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

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Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case:
Client No:
R

Region:	6	Date Shipped:	5/5/2010
Project Code:		Carrier Name:	Hand Delivered
Account Code:		Airbill:	Cooler 02
CERCLIS ID:	LAD981155872	Shipped to:	USEPA Region 6 Laboratory 10625 Fallstone Road Houston TX 77099 (281) 983-2137
Spill ID:			
Site Name/State:	Devil's Swamp Lake/LA		
Project Leader:	Steve Mason		
Action:			
Sampling Co:	Weston Solutions, Inc.		

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
T.A. Walzer	05/06/10 0716	Christy Wauen	5/6/10 7:16
2			
3			
4			

Sampler Signature:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	QC Type
DSL03-20100505-31	Municipal Water Supply/ Thomas Walzer	L/G	COLI (21), Metals (21), Pest (21), RCI (21), VOCs (21)	6-369737 (Others), 6-369738 (HNO3), 6-369739 (Dechlorinate/Sodium Sulfite), 6-369740 (Dechlorinate/Sodium Sulfite), 6-369741 (Ice Only), 6-369742 (Dechlorinate/Ascorbic Acid), 6-369743 (Dechlorinate/Ascorbic Acid), 6-369744 (Dechlorinate/Ascorbic Acid) (8)	DSL03-20100505-31	S: 5/5/2010 10:37	--
DSL04-20100505-31	Municipal Water Supply/ Thomas Walzer	L/G	COLI (21), Metals (21), Pest (21), RCI (21), VOCs (21)	6-369745 (Others), 6-369746 (HNO3), 6-369747 (Dechlorinate/Sodium Sulfite), 6-369748 (Dechlorinate/Sodium Sulfite), 6-369749 (Ice Only), 6-369750 (Dechlorinate/Ascorbic Acid), 6-369751 (Dechlorinate/Ascorbic Acid), 6-369752 (Dechlorinate/Ascorbic Acid) (8)	DSL04-20100505-31	S: 5/5/2010 11:12	--

Temp = 20°C

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? Y

COLI = Coliforms, Metals = Metals, Pest = Pesticides, RCI = Residual Chlorine, VOCs = VOCs

TR Number: 6-521314700-050510-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

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Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Notes and Definitions

RL	The reporting limit for this analyte was raised because absence or presence at the routine or lower value could not be verified"
HTA	Analyte was prepared and/or analyzed past recommended holding time. Concentration should be considered a minimum value.
A	This sample was extracted at a single acid pH.
HTS	Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.
AES	Atomic Emission Spectrometer
CVAA	Cold Vapor Atomic Absorption
ECD	Electron Capture Detector
GC	Gas Chromatograph
GFAA	Graphite Furnace Atomic Absorption
ICP	Inductively Coupled Plasma
MS	Mass Spectrometer
NA	Not Applicable
NPD	Nitrogen Phosphorous Detector
NR	Not Reported
TCLP	Toxicity Characteristic Leaching Procedure
U	Undetected
#	Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds *per* square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.